http://www.cvxmelody.net/AppleUsersGroupSydneyAppleIIDiskCollection.htm

A2-Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your newsletter.

June 1991

New Goodies

In the 1980s you learned Applesoft from *Softalk* and *Nibble.*

In the 1990s you'll learn HyperTalk from

Script-Central

In the 1980s, Applesoft was the universal language of Apple II users. Anyone could get a taste of it using the manuals that came in the box with the computer. Anyone could become an expert at it by writing programs and following the great magazines like *Softalk* and *Nibble.* Applesoft gave real people like you and me the power to make our computers do what we wanted them to do. In a day when only large organizations had computers and only computer scientists could write programs, Applesoft was at the foundation of the personal computer revolution.

The Applesoft of the 1990s is HyperTalk. HyperTalk is the programming, or "scripting," language built into Apple's new *HyperCard IIgs.* Like Applesoft, HyperTalk can be learned using the manuals that come in the box with *HyperCard IIgs.* As with Applesoft, you can become an expert by writing programs and by following ***Script-Central,*** our new 3.5-disk-based publication devoted exclusively to *HyperCard IIgs* and HyperTalk.

Every other month ***Script-Central*** subscribers will receive two 3.5 disks holding that's month issue. ***Script-Central*** itself uses *HyperCard IIgs* as its multi-media delivery vehicle. You'll start the stack holding our current issue and be computer-transported to the ***Script-Central*** building. Cars whizz by on the street out front.

You knock, the door opens, and you find yourself at the current issue's information desk. To the right is a door leading to our regular columns. To the left is an elevator that will take you to this issue's feature articles. Regular columns include the Scripter's Workshop, where you'll find a tool cabinet and drawers for scripts, buttons, sounds and xcommands, and the Radio Room, where you'll hear *HyperCard IIgs* discussions from the online services. Other regular features include letters from readers, our own tips and tricks, and the amazing Rum-R-Matic rumor dispenser.

Each month we'll also present several feature stacks that are yours to keep. These stacks will be among the best stacks we find online or in our mailbox. (Yes, you can send us your stacks and if they're good we'll make you famous!)

We're high on HyperTalk because it gives real people like you and me the ability to write modern, desktop-based software. HyperTalk is a modern, "object-oriented" language that's powerful and easy to use. If you're worried about the future, you should know that your HyperTalk scripts, except for xcommands, will run unchanged with *HyperCard* on a Macintosh. However, remember that the Macintosh version of HyperCard doesn't support color like *HyperCard IIgs* does.

Get a FREE Addison-Wesley book!

HyperCard IIgs Script Language Guide

or

HyperCard Stack Design

Special introductory offer expires July 1

Subscribe today and take advantage of this special offer only for charter ***Stack-Central*** subscribers. We'll send you your choice of either the *HyperCard IIgs Script Language Guide* or *HyperCard Stack Design.* These are high-quality, Apple-authored books published by Addison-Wesley. This special offer is only for charter subscribers and expires July 1, 1991.

Script-Central

Subscription prices

1 year	2 years	3 years
$42	$81	$117

6 two-disk issues/year, requires *HyperCard IIgs*

Subscription prices include **free** AIR MAIL delivery world-wide.
Your free book includes surface delivery.

Free Books, choose 1

AW-034	***Apple: Hypercard Stack Design***	(separately) $16.95
AW-042	***Apple: Hypercard IIgs Script Language Guide***	(separately) $23.99

HyperCard IIgs

AP-002	***HyperCard IIgs***	$99.00

This package includes 6 disks and 3 books, including Getting Started with HyperCard IIgs, HyperCard IIgs Reference, and HyperTalk Beginner's Guide.

Hot Stuff

Help 911 SOS etc

It's me – Tom Weishaar. They've got me locked up in this room where I have to write catalog copy and computer programs all the time. I never to get to write for the newsletter anymore. Well, I pulled a fast one on them. I got a story published in the current version of ***Hyperbole.***

My story's called *The Face of Contentment,* (not what you were expecting from someone chained to a workstation, I'll bet). It's good, but it gets blown away by ***Hyperbole's*** *Madness of Roland,* which is nowhere if its not right on the cutting edge of the future of multimedia. *Roland* is kind of a serialized novel that takes place in the days of Charlemagne. But it's not a novel because it's not linear. Each of the characters tells his or her own story in the order *you* choose. Each character has his or her own theme music, which plays while you read the story. Each story has associated graphics and other enlightenments. But most important, the stories are *good.* This guy Richard Gregory Roach knows how to write. Take a look at his story *Big Warm Bear Arms* in this month's issue if you don't believe me. Ordering details for ***Hyperbole*** are on the last page of this catalog. The first three issues can now be had as a back-issue set for $20. And that would get you the first two installments of *Roland.*

Hey, can you believe Zip's new accelerator prices? I put details of that on the last page, too. Maybe the tightwads around here will get one for me now that Zip's almost giving them away.

When they crack my office door to pass in my bread and water I can feel the excitement in the next office over about our summer conference. They gave me a new list of sessions, which I've included in the conference ad to your right.

And I can tell by the vast quantities of ***Resource Central*** labels they're printing on the laser printer that the copy I wrote last month for our new hard disks got many of you as excited about these drives as I am. They are really nice. They have every imaginable feature you could want on a hard drive, plus a wagon load of software goodies.

If you see this message, *please* send me some good jokes in that space on the back of our order form. They're making me do an opening presentation at our conference and the only joke I can remember is that one about changing bulbs. Help!

A2-Central Monthly Disks

Our monthly disks are one of the best software values available for the Apple II. Try 1, 3 or 12 (or one a month). **Available in 3.5 format only.**

$4.67 a disk

Our disks can appear automatically in your mailbox each month for less than what most user groups charge for public domain 3.5 disks. You get our paper newsletter at the standard $28/year rate plus twelve 3.5 disks for less than $4.67 each. Subscription prices are $84 for one year, $162 for two years, or $234 for three years.

$5.00 a disk

Our disks are available in an annual set of 12. Details on back page.

$6.00 a disk

Our disks are also available in quarterly sets of 3. Details on back page.

Disk contents 2/89 to 7/89 were in Aug 89 catalog
Disk contents 8/89 to 12/89 were in May 90 catalog
Disk contents 1/90 & 2/90 were in June 90 catalog
Disk contents 3/90 to 6/90 were in July 90 catalog

All of our monthly disks include ProDOS; Basic.system; an introduction to the disk by Dean Esmay, our disk editor; text talker software for blind subscribers, and text reading software for sighted subscribers.

July 1990 /A2.ON.DISK.9007

Filename	Blocks	Description
V6.N06.JUL.90	132	July 1990 issue of A2-Central
NAUG.CONFERENCE	47	Interview of Warren Williams of NAUG
PROGRAMS	1	Useful stuff in here
FILE.CDA	1	IIgs file manager CDA in here
GRAMMAR.MACS	1	Automatic grammar checking system
GRAMMAR.CHECKER	66	2 files. Reqs AWorks, UltraMacros
UTILITYWORKS.GS	1	Complete set of IIgs utilities
MISC.GOODIES	1	Fun stuff in here
FRACTALS.2E	1	8-bit program to generate fractals!

August 1990 /A2.ON.DISK.9008

Filename	Blocks	Description
V6.N07.AUG.90	128	August, 1990 issue of A2-Central
SWITCHMASTR.RTC	40	Conference with Switchmaster authors
PROGRAMS	1	Useful stuff in here
ALARM.CLOCK	1	New alarm clock macro
ALARM.MACS	19	Requires AW 3.0, Ultramacros 3.1
JUMPSTART	1	IIgs program selector
SHRINKIT.IIPLUS	1	ShrinkIt for II+/un-enh. IIe here
SHRINKIT.IIE	1	ShrinkIt for the IIe/IIc/Laser here
SHRINKIT.IIGS	1	ShrinkIt for the IIgs!
TECHNOTE.UPDATE	1	May 1990 tech note update in here
MISC.GOODIES	1	Odd stuff in here
PI.LASER.OUTPUT	12	Print Publish-It! files on a Mac
POWER	11	Neat IIgs animation demo

September 1990 /A2.ON.DISK.9009

Filename	Blocks	Description
V6.N08.SEP.90	132	September, 1990 A2-Central
PROTERM.RTC	44	Interview with InSync
PROGRAMS	1	Useful stuff in here
ADDRESSBOOK	1	Little black book program in here
DESK.ACCS	1	IIgs desk accessories in here
MOUSETEXT.INFO	4	Handy Mousetext chart
D.T.PAINTER	154	Paint program in a IIgs NDA!
FONT.VIEW	21	to view any font
LIST	1	Stowe Keller's LIST utility
MISC.GOODIES	2	Fun stuff in here
FONTS	2	Also in 10, 12, 14, 18, 20, 24, 28,
WALL.ST.9	5	36, and 48 points. 9 files
PACKED.GAMES	1	Compressed 8-bit games in here!
SHRINKIT	81	Must use this to play games
FLOBYNOID.SDK	160	Super new Breakout game!
DEFNDRCLONE.SDK	80	Clone of an arcade classic

October 1990 /A2.ON.DISK.9010

Filename	Blocks	Description
V6.N09.OCT.90	133	October 1990 A2-Central
GENIE.INFO	17	New info on GEnie services
A2.LIBRARIES	2	GEnie's Apple II Library data bases
PROGRAMS	1	New programs in here
OVERSCAN	1	Interesting IIgs demo in here
SHOWPIC	1	New version of a great IIgs NDA

November 1990 /A2.ON.DISK.9011/

Filename	Blocks	Description
V6.N10.NOV.90	137	November 1990 issue of A2-Central
A2PRO.LIBRARY	1	Apple II developer library in here
TECHNOTE.UPDATE	1	Latest Apple Tech Notes plus!
PROGRAMS	1	Useful programs in here
ABOUT	1	New IIgs utility in here
MENUTIME	1	Installs clock on IIgs menu bar
SHRINKIT	1	New Shrinkit v3.0.3 for IIe etc.
MISC.GOODIES	1	Fun stuff in here
BASIC.CDA	3	D Lyons' 4K diskless Applesoft CDA
MONO.8	4	Mono-spaced Apple II font

December 1990 /A2.ON.DISK.9012/

Filename	Blocks	Description
V6.N11.DEC.90	130	December 1990 issue of A2-Central
RTC.ZIP2.TXT	220	Zip Tech's Tony Vece in conference
FEATURES	1	Important stuff in here
IIPLUS.UNSHRINK	26	To create System 5.0.3 System disk
SYSTEM.5.0.3.SHK	941	Select this from IIPLUS.UNSHRINK
FTN.LOST.SHK	99	Long lost Tech Notes found

January 1991 /A2.ON.DISK.9101/

Filename	Blocks	Description
V6.N12.JAN.91	130	January 1991 issue of A2-Central
APPLEFEST.12.90	220	Extensive commentary on AppleFest
FEATURES	1	Important stuff in here
IIPLUS.UNSHRINK	26	Will create System 5.0.3 Tools disk
TOOLS.5.0.3.SHK	941	Select this from IIPLUS.UNSHRINK
MISC.GOODIES	1	Fun stuff in here
AW.MSG.MANGLER	10	Changes any Appleworks 3.0 messages

February 1991 /A2.ON.DISK.9102/

Filename	Blocks	Description
V7.N01.FEB.91	132	February 1991 issue of A2-Central
FEATURES	1	Important stuff in here
PHOTOMATRIX	1	A great 8-bit DHR graphics utility
STRUGL.GUADLCNL	1	An incredible 8-bit war game
MADISON	6	Font in 9,10,12,14,18,20,24,28,36

March 1991 /A2.ON.DISK.9103/

Filename	Blocks	Description
V7.N02.MAR.91	125	March 1991 issue of A2-Central
HYPERCARDGS.RTC	56	Apple comments on Hypercard GS
FEATURES	1	Cool stuff in here
SHRINKIT.GS	1	Shrinkit for the IIgs in here
SHRINKIT	1	ShrinkIt for enh. IIe, IIc in here
UPDATE.5.0.4	1	New System 5.0.4 updater here!
TECHNOTE.UPDATE	1	New Apple II technical notes!
BASIC.EDITOR	1	Applesoft based line editor

For the complete System 5.0.4, order our Dec 90, Jan 91, and Mar 91 disks as a special $18 quarterly set.

April 1991 /A2.ON.DISK.9104/

Filename	Blocks	Description
V7.N03.APR.91	133	April 1991 issue of A2-Central
FEATURES	1	Cool stuff in here
NEW.SHRINKIT	1	Version 3.2.2 of 8-bit ShrinkIt
FIND.FILE	1	File finding command for Applesoft
LIBRARY.UPDATE	1	Update to GEnie's A2 libraries
MENUTIME.NDA	1	Puts time/date on GS menu bars
MILESTONES	1	IIgs version of Milebourne game
MISC.GOODIES	1	Fun stuff in here
EDMONTON.SHK	110	Edmonton font
PCS.PRODOS.SHK	100	ProDOS pinball game

May 1991 /A2.ON.DISK.9105/

Filename	Blocks	Description
V7.N04.MAY.91	123	May 1991 issue of A2-Central
FEATURES	1	Really awesome stuff in here
DATAPATH.DA	1	Automated GS application folder setup
FILE.COMPARE	1	Neat 8-bit file compare utility
FONT.DA.INSTALL	1	Incredibly useful IIgs NDA
GEM.4.1	2	Shareware version of GEnie Master
IDL	1	Icon/DA Loader Init for IIgs
KEYFIND.DA	1	Neat font special character viewer
PICS.3200	1	3200 mode viewer plus graphics
SUPERVIEW	28	Run this to view 3200 graphics
EAGLE.3200	68	Neat 3200 graphic of an Eagle
PARROT.3200	73	Neat 3200 graphic of (guess)
RAT	1	Revise ASCII Text program for IIgs
UNI.3.5.DRIVER	1	Use a UniDisk 3.5 on an original IIc!
MISC.GOODIES	1	Non-program stuff in here
DESKJET.DOC	17	Documentation for DeskJet use
DESKJET.TEST	5	File to test if codes are working
TO.DESKJETCODES	4	Timeout Application - handy reference!

The A2-Central Summer Conference

Prices rise June 1; call 913-469-6502

Conference presenters include Apple's Ralph Russo, Applied Engineering President Bob Carroll, Western Design Center President Bill Mensch, and Roger Wagner Himself.

Kansas City Tuesday – Sunday July 16 to 21

Join us again this year in Kansas City for the THIRD annual ***A2-Central Summer Conference***. This year's conference has been expanded from our traditional two-day affair to six big days.

Developer Colleges

If you come for Tuesday and Wednesday's activities, you'll have your choice of one of four two-day developer colleges. One of these will be Apple's Apple IIgs College, **at which you'll learn the latest on extensions and improvements to GS/OS, including networking enhancements and FSTs**. Another will be an introduction to Pascal programming on the Apple IIgs, by Mike Westerfield, developer of the Orca series of development tools from The Byte Works. The third will be an introduction to C programming on the Apple IIgs, by Walker Archer and Gary Morrison. The fourth will be an intensive look at authoring software with *HyperStudio*, which will be led by Roger Wagner. (Two-day seminars with the likes of Roger Wagner, lunch included, for $150? We've got to be kidding, right?)

KansasFest

If you come for Thursday and Friday's activities, you'll get what we've traditionally offered at our summer conference—two days packed with sessions about the Apple II. Apple itself will once again fully participate in this portion of our conference. A number of sessions will include engineers from Apple. Apple's Developer Technical Support team will once again be running a Bug-Busting room at the conference. Meet and discuss your problems with Apple's own gurus.

Apple Central Expo

And, at the vociferous request of previous attendees, if you come for Saturday and Sunday's activities, you'll spend your time at the **Apple Central Expo**, a two-day AppleFest-type show sponsored by Apple's Midwestern Region.

Exhibitors

This year you'll be able to reach 2,000 to 3,000 midwestern Apple users who will attend the **Apple Central Expo** on Saturday and Sunday, July 20 & 21. The exhibit floor will be open from 10 am to 6 pm both days, at the National Office Machine Dealers Assn facility at 12411 Wornall Road, Kansas City, Mo.

For more information on obtaining exhibit space or expo tickets contact Bob Berkowitz at:

Events Specialists, Inc.
17 Lilac Road
Sharon, MA 02067

800-955-6630

Voice: 617-784-4531 **Fax: 617-784-5423**

KansasFest sessions

Here are the sessions currently planned for this year's conference (but it's ALL subject to change up until the last nanosecond):

Keynote address

Roger Wagner: Why the Apple IIgs is Such a Freakin' Great Machine

Apple's sessions

Ralph Russo & Jane Lee: To Be Announced
Mark Day, Greg Branche, Ron Lichty, Dave Lyons, Andy Nicholas: Apple II - What's New?
Rob Barnes: Software Marketing from an Evangelist's Point of View
Matt Deatherage: Developing and Debugging Apple II Software
Tim Swihart: New HyperCard Market: *HyperCard IIgs* & Media Integration and the Apple IIgs

Other sessions

Robert Carroll: Applied Engineering's Assessment of the Apple II Market
Bill Mensch: Introduction to the Mensch Computer
DreamWorld Software: Breaking the Super HiRes 16 Color Barrier
Bill Heineman/Nate Trost/Lane Roath/Chris McKinsey
Beginning Apple IIgs Animation
Advanced Apple IIgs Animation
Programming the Ensoniq in the IIgs
Animation & Sound Laboratory
Bryan Pietrzak: Creating Desk Accessories
Randy Brandt: Stump the UltraMacros Author
Mike Westerfield: Two Dozen Dumb Orca Tricks
Roger Wagner: New Features in HyperStudio
Jeff Smith: Scripting with HyperStudio
Eric Mueller/Jay Jennings: Creating Commercial-Quality *HyperStudio* Stacks
Steve Monroe: Artwork for non-artists
HangTime: Creating Sounds for Programs
Mark Collins: Fontastic Stuff
Marc Wolfgram/Mark Collins: Programming with Resources
Guy Forsythe/Randy Brandt: Selling Your Programs
J. Eric Bush: Advanced Applesoft Techniques
Guy Forsythe: AccuDraw... or why the Mac and IIgs still get jealous of the IIe
Douglas Gum: AmperMacros
Chuck Kelly: Apple II Debugging Session
Jerry Kindall: Text Editor from Hell
Jerry Kindall: Document it Yourself
Albert Neuburger: Optimizing 65xxx Assembly Code
Albert Neuburger: Fast Math in Assembly Language
Paul Santa-Maria: Structured Assembly Language Preprocessor
Al Martin: The Apple II, A Computer for Total Communication
Lane Roath: Creating Network/Modem Games
Brian Walker: The Networked Apple II
Phil Shapiro: Get it all using ProLine and GEnie EMail
TBA: HyperCard IIgs XCMDs
TBA: Beginning HyperTalk Scripting
TBA: Advanced HyperTalk Scripting

Facilities

Bigger and better than ever, this year's summer conference, including the Apple Central Expo, will be held at a state-of-the-art conference facility owned by the National Office Machine Dealer's Association (NOMDA) in Kansas City, Mo.. This facility is within a serial cable's length of Avila College, where our conference has been held in the past and where, once again, we'll be able to provide dormitory rooms and meals to those who want to have the best time possible meeting and learning from other developers.

Make your plans to attend now. Whether you come for one day or six, we promise you'll enjoy the sessions you'll attend, the exhibits you'll see, and the people you'll meet.

You must register by June 1 to get the best prices. We have more rooms available at Avila than ever before, consequently, this year we can offer *private* rooms. Or, if you prefer, choose double-occupancy and save some money. Avila's prices include evening and morning meals surrounding the nights of your stay. College and conference prices include lunch. Food will be an extra-cost option at the Apple Central Expo.

If you like, you can pay for the sessions only and make your own hotel and transportation arrangements. Or you can eat and stay at Avila for $30 a night ($40 for a private room). And, for $30 more, we'll arrange to have you met at the airport and brought directly to Avila and returned. This final option would cover ALL of your costs for the conference except airfare.

Registration Information

		before June 1	after June 1
	Tuesday & Wednesday		
CONF-GS	***Apple IIgs College***		
CONF-P	***Pascal College***		
CONF-C	***C College***		
CONF-HS	***HyperStudio College***		
	College of choice (lunch incl)	$150	$175
	Thursday & Friday		
CONF	***Dev Conference (lunch incl)***	$300	$350
	Saturday & Sunday		
EXPO	***Apple Central Expo***	$10	$15
	(To purchase Expo tickets only, call 800-955-6630)		
	Accommodations		
TRANS	***Airport/Avila round trip***	$30	$35
AVILA-1	***2 Meals, Private Room, per day***	$40	$45
AVILA-2	***2 Meals, Double Room, per day***	$30	$35

Rooms at Avila include supper the night of your stay and breakfast the next morning. You must indicate which nights you want to stay at Avila. Accomodations are **not available** before Monday the 15th or after Saturday the 20th.

Royals baseball rainchecks from last year have been cashed in for 50 tickets to Tuesday night's game with Toronto and 75 tickets for Wednesday night's game with Baltimore. Game time 7:35. Let us know if you want to go.

Travel Arrangements

DaySpring Travel of Overland Park will arrange your conference airfare and hotel reservations. Call and ask DaySpring about discounted air and rail fares and hotel rooms. Call DaySpring at:

800-878-0211

Subscriptions, Back Issues, Ordering Information

A2-Central

A2-Central (formerly ***Open-Apple***) has been published monthly since January, 1985. Single back issues are $2 each. Bound, indexed annual volumes are $14.95. A full set of bound volumes and single issues for the current year is available for $39. The **Full-Text on Disk** version of our back issues is shipped on 3.5 disks and takes up about 4 megabytes of hard disk storage. Includes text-talking software or use with full-text search software such as *Fastdata Pro* or *Prosel*.

Bound, indexed back issue volumes

OA-001	***Vol. 1***	***Jan 1985-Jan 1986***	$9.95
OA-002	***Vol. 2***	***Feb 1986-Jan 1987***	$9.95
OA-003	***Vol. 3***	***Feb 1987-Jan 1988***	$9.95
OA-004	***Vol. 4***	***Feb 1988-Jan 1989***	$9.95
OA-005	***Vol. 5***	***Feb 1989-Jan 1990***	$14.95
OA-006	***Vol. 6***	***Feb 1990-Jan 1991***	$14.95

Full Set Specials (every issue ever published)

FS-N	***All six volumes and current singles***	$39.00
FS-D	***Our full text on 3.5 disks***	$39.00

A2-Central on disk

A2-Central disks have been published monthly since February, 1989. Each 800K, 3.5 disk contains the full text of that month's paper issue and text-talking software for blind subscribers. In addition, specific issues contain Apple system software and technical note updates and the world's best public domain and shareware software. Listings of the contents of each disk have been published in previous catalogs as shown below:

catalog	disk issues
Aug 89	2/89 to 7/89
May 90	8/89 to 12/89
June 90	1/90 to 2/90
July 90	3/90 to 6/90

Disks are available in 3.5 format only.

Back issues

Our back issue disks are available singly for $10, in quarterly sets of 3 for $6 each, or in annual sets of 12 for $5 each:

Quarterly disk sets $18.00

Year	Feb /Mar/Apr	May/Jun/Jul	Aug/Sep/Oct	Nov/Dec/Jan
1989	A2-89S1	A2-89S2	A2-89S3	A2-89S4
1990	A2-90S1	A2-90S2	A2-90S3	A2-90S4
1991	A2-91S1			

Annual disk sets $60.00

Year	Feb to Jan following year
1989	A2-89FS
1990	A2-90FS

Subscription conversions: Figure out how many disks you'll get between the first one you want and the month your subscription expires and send us $4.75 per disk. **New subscriptions:** By subscription, our disks cost for less than what most user groups charge for public domain 3.5 disks, just 4.67 per disk (($84 - $28) / 12).

TimeOut-Central

TimeOut-Central has been published every other month since September, 1990. Each issue consists of one 800K, 3.5 disk and includes a column by the editor, letters from readers, as well as public domain and shareware AppleWorks and TimeOut files. ***TimeOut-Central*** back issues are $10 each.

8/16-Central

8/16-Central (formerly *8/16*) has been published every month since March 1990. Each issue consists of one 800K, 3.5 disk aimed at the hearts and minds of 8- and 16-bit Apple II programmers. Edited by Jay Jennings. ***8/16-Central*** back issues are available singly for $10 each or in quarterly sets of 3 for $5 each.

816-90S1	**Quarterly disk set (March/April/May 90)**	$15.00
816-90S2	**Quarterly disk set (June/July/Aug 90)**	$15.00
816-90S3	**Quarterly disk set (Sep/Oct/Nov 90)**	$15.00
816-90S4	**Quarterly disk set (Dec/Jan/Feb 91)**	$15.00
816-91S1	**Quarterly disk set (March/April/May 91)**	$15.00
816-90FS	**Annual disk set (March 90 to Feb 91)**	$54.00

Hyperbole

Hyperbole has been published every other month since February 1991. Unlike our other publications, ***Hyperbole*** isn't about computers. It's an eclectic hypermedia journal--a multimedia literature magazine. ***Hyperbole*** is stories. ***Hyperbole*** is poetry and art and sounds. ***Hyperbole*** is a new publication that mixes literary art and hypermedia. In real life, ***Hyperbole's*** creator and editor, Greg Roach, is associate artistic director of the Stages Repertory Theatre in Houston.

Each subscription to ***Hyperbole*** includes Issue 0, a sampler that has a special version of *HyperStudio* on it that you can use to access subsequent issues. There's no need to own *HyperStudio*. We'll send you the sampler by itself for just $3. (A note to parents: unlike our other publications, but like all literature, the material in ***Hyperbole*** ranges from G- to R-rated. Some selections are unsuitable for children.) ***Hyperbole*** back issues are $10 each.

HB-91S1	**Semiannual disk set (Feb/Apr/Jun 91)**	$20.00
HB-SAMP	**Hyperbole Sampler Disk**	$3.00

Sampler disk included free with your subscription.

Stack-Central

Stack-Central has been published every other month since February, 1990. Each issue consists of two 800K, 3.5 disks and includes a *HyperStudio* stack containing editor Terry Baker's tips, tricks, and letters from readers for that month. Each issue also includes public domain and shareware stacks. Specific issues contain sounds, xcmds, and other material you can use in your own stacks. ***Stack-Central*** back issues are available for $10 each.

SC-90S1	**Semiannual disk set (Feb/Apr/Jun 90)**	$20.00
SC-90S2	**Semiannual disk set (Aug/Oct/Dec 90)**	$20.00
SC-91S1	**Semiannual disk set (Feb/Apr/Jun 91)**	$20.00
SC-90FS	**Annual disk set (Feb 90 to Dec 90)**	$36.00

Script-Central

Script-Central will be published every other month beginning with July 1991. Each issue consists of two 800K, 3.5 disks and includes *HyperCard IIgs* stacks that help you write your own *HyperCard* scripts. Editor Bruce Caplin (aka Hangtime) and associate editor Bo Monroe bring together a package of scripts, buttons, xcommands, sounds, tips and tricks that will amaze you. You'll read reviews of new *HyperCard IIgs*-related products and letters from readers with our answers to your questions.

We think that *HyperTalk*, the programming language built into *HyperCard IIgs*, will be the Applesoft of the 1990s. ***Script-Central*** has been designed to help you learn what you can do with your Apple IIgs in the 1990s. ***Script-Central*** back issues are available for $10 each.

Subscriptions

The expiration date of your current subscription is shown on our self-mailer to the right of your name ("last issue"). We offer one-, two-, and three-year subscriptions to the paper-only version of ***A2-Central***, to a paper-plus-3.5-disk version of ***A2-Central***, and to the 3.5-disk based ***8/16-Central, TimeOut-Central, Hyperbole, Stack-Central,*** and ***Script-Central.***

Subscription prices	1 year	2 years	3 years
A2-Central 12 issues/year, paper only	$28	$54	$78
A2-Central (disk) 12 issues/year, paper & 3.5 disk	$84	$162	$234
8/16-Central 12 issues/year, 3.5 disk only	$69	$135	$198
TimeOut-Central 6 issues/year, 3.5 disk only	$42	$81	$117
Hyperbole 6 issues/year, 3.5 disk, requires Apple IIgs	$42	$81	$117
Stack-Central 6 issues/year, 3.5 disk, requires *HyperStudio*	$42	$81	$117
Script-Central 6 issues/year, 3.5 disk, requires *HyperCard IIgs*	$42	$81	$117

Subscription prices include **free** AIR MAIL delivery world-wide.

Resource-Central Disk Sampler

Latest issue of *A2-Central* on disk, *8/16-Central, TimeOut-Central, Script-Central* and the *Stack-Central* and *Hyperbole* sample disks.

RC-SAMP	**Resource-Central Disk Sampler**	$15.00

Ordering Information

If you received this catalog in the envelope with our newsletter, there was also a one-sheet self-mailer in the envelope. Your name, address, expiration date, and account number are already imprinted on one side of the self-mailer—on the other side you'll find an order form. Please use it to order stuff from us. When you fold and lick the form as shown, our address will be on the outside and it will be ready to stamp and mail. Please don't send us a photocopy of the form unless you **photocopy both sides.**

If you received this catalog without a self-mailer, write your order on a plain sheet of paper and send it to:

A2-Central
P.O. Box 11250
Overland Park, KS 66207

or call us:

Voice: 913-469-6502 **Fax: 913-469-6507**

Hardware

Acceleration Prices Nosedive

Zip Technology has announced dramatic price reductions on its accelerators for the IIgs. Our new price is 28 per cent lower than last month.

As part of its price-reduction announcement, Zip also redefined its product line. Zip no longer plans to release a single-chip IIgs accelerator. Its Zip GS will be available in several speeds, however, and with several different cache sizes. The speeds are 7, 8, 9, and 10 Mhz. The cache sizes are 8K, 16K, and 32K. We will continue to sell the board we've had in the past, which we believe is the best combination for most people–8 Mhz with a 16K cache.

Adding Zip's card to your system speeds up everything you do on your IIgs, from older Applesoft programs, to AppleWorks, to the latest desktop programs like *HyperStudio* and *HyperCard IIgs*. Zip's low-power design uses only 120ma of power — 1/10th of other designs.

The Zip accelerator is DMA compatible (it's compatible with all IIgs hardware and software, in fact), can be configured using either DIP switches or software or both, and includes a diagnostic LED. It comes with a paper manual, a manual on disk, and desk accessories for configuration. It installs in either slot 3 or slot 4 with no need to disable your screen or mouse. It can be upgraded later to a higher speed or a bigger cache by returning it to Zip. They do the upgrade labor free and promise to ship your board back out within 48 hours.

ZC-001	***Zip 8Mhz, 16K Accelerator***	$199.00

Resource Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your publication.

July 1991

Back by popular demand

by Special Arrangement with Addison-Wesley and Apple Computer

Apple IIgs Technical Library Set--$49.95

Plus: $10 off Toolbox Vol 3 & GS/OS Reference Manual!

Limited Time Offer--Available only through Resource Central!

Once again, subscribers to Resource Central publications can get all six books at the heart of the Apple IIgs Technical Library—a $148.70 value—for just $49.95 plus postage.

The six books include:

Technical Introduction to the Apple IIgs
Programmer's Intro to the Apple IIgs
Apple IIgs Toolbox Reference, Volume I
Apple IIgs Firmware Reference Manual
Apple IIgs Hardware Reference Manual
Apple IIgs Toolbox Reference, Volume II

These are the official Apple IIgs manuals, which were written by Apple Computer and published by Addison-Wesley as part of its Apple Technical Library series.

A year ago we sold hundreds of these sets. If you bought a set last year or if you buy a set this year, you're also entitled to buy the new *Apple IIgs Toolbox Reference, Vol III* or the new *Apple IIgs GS/OS Reference* for $10 off the regular price — an additional savings of up to $20. This offer is available only from Resource Central and expires September 30, 1991.

Together, these eight books weigh nearly 25 pounds—over 11 kilograms. Please select your choice of shipping method and cost:

		regular price	special price
AW-SET	**Apple IIgs Library Set**	$148.70	**$49.95** plus shipping
and, with purchase of Library Set (last year or now):			
AW-036	**Apple IIgs Toolbox Vol 3**	$39.95	**$29.95** plus shipping
AW-041	**Apple IIgs GS/OS Reference**	$28.95	**$18.95** plus shipping

Shipping costs

	AW-SET	AW-036	AW-041
SURFACE			
U.S. (4th Class Book Rate)	$7.00	free	free
Canada	$10.00	$2.00	$1.00
Elsewhere	$11.50	$3.00	$1.00
AIRMAIL			
U.S. (First Class, use for APO/FPO)	$15.00	$7.00	$4.00
Canada	$20.00	$10.00	$6.00
Central & South America, Caribbean	$36.00	$17.00	$10.00
Europe	$64.00	$29.00	$17.00
Elsewhere	$91.00	$41.00	$23.00

Script-Central

Or, get a FREE Addison-Wesley book

HyperCard IIgs Script Language Guide

or

HyperCard Stack Design

Special introductory offer expires July 1

Subscribe today to our new publication for HyperCard IIgs users, ***Script-Central,*** and take advantage of this special offer. We'll send you your choice of either the *HyperCard IIgs Script Language Guide* or *HyperCard Stack Design*. These are high-quality, Apple-authored books published by Addison-Wesley. This special offer is only for charter subscribers and expires July 1, 1991.

Script-Central	1 year	2 years	3 years
Subscription prices	$42	$81	$117

6 two-disk issues/year, requires *HyperCard IIgs*

Subscription prices include **free** AIR MAIL delivery world-wide.
Your free book includes surface delivery.

Free Books, choose 1

AW-034	***Apple: Hypercard Stack Design***	(separately) $16.95
AW-042	***Apple: Hypercard IIgs Script Language Guide***	(separately) $23.99

HyperCard IIgs

AP-002	***HyperCard IIgs***	$99.00

This package includes 6 disks and 3 books, including Getting Started with HyperCard IIgs, HyperCard IIgs Reference, and HyperTalk Beginner's Guide.

8/16-Central — Get a Job

Wanted

Apple II Programmers

Programming jobs for Apple II people are starting to come out of the woodwork. In ***8/16-Central,*** the *only* publication for Apple II and Apple IIgs programmers, we list job opportunities, as well as free ads from programming guns-for-hire, every month.

Besides job opportunities, ***8/16-Central,*** gives you articles with working demos and source code on disk that you can freely adapt for your own programs. If you're gonna be a pro, you've got to read what the pros read.

8/16-Central	1 year	2 years	3 years
Subscription prices	$69	$135	$198

12 one-disk issues/year, readable on any Apple II

Subscription prices include **free** AIR MAIL delivery world-wide.

About this listing

Everything we carry doesn't fit in this catalog anymore, so we left out programming items this month. The date shown with each item indicates the catalog that has a longer description of the item. We give a full description the first time an item appears in the catalog.

In General

A2-Central

A2-1	***A2-Central*** 12 issues/yr, 8 pages	1 year	$28.00
A2-2	**An international clearinghouse of information for users of all**	2 years	$54.00
A2-3	**types of Apple IIs. Winner of Best Apple II Publication award.**	3 years	$78.00
FS-N	Full set of back issues in bound annual volumes and singles		$39.00
FS-D	Full text of paper back issues on 3.5 disks		$39.00
OA-001	***Volume 1*** January 1985 – Jan 1986		$14.95
OA-002	***Volume 2*** February 1986 – Jan 1987		$14.95
OA-003	***Volume 3*** February 1987 – Jan 1988		$14.95
OA-004	***Volume 4*** February 1988 – Jan 1989		$14.95
OA-005	***Volume 5*** February 1989 – Jan 1990		$14.95
OA-006	***Volume 6*** February 1990 – Jan 1991		$14.95

A2-Central on disk

AD-1	***A2-Central*** on disk12 issues/yr, paper newsletter & 3.5 disk	1 year	$84.00
AD-2	**Our award-winning newsletter plus a monthly disk**	2 years	$162.00
AD-3	**filled with the best stuff we find online and in our mailbox.**	3 years	$234.00
AD89FS	Annual Sets: 12 back issue disks Feb 89 to Jan 90		$60.00
AD90FS	Annual Sets: 12 back issue disks Feb 90 to Jan 91		$60.00

Quarterly Sets	Feb/Mar/Apr	May/Jun/Jul	Aug/Sep/Oct	Nov/Dec/Jan	
1989	AD89S1	AD89S2	AD89S3	AD89S4	$18.00
1990	AD90S1	AD90S2	AD90S3	AD90S4	$18.00

Hyperbole

HB1	***Hyperbole*** 6 issues/yr, 3.5 disk, requires IIgs	1 year	$42.00
HB2	**A multimedia artistic and literary journal on disk.**	2 years	$81.00
HB3	**There's nothing else like it anywhere!**	3 years	$117.00
HB-91S1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
HB-SAMP	***Hyperbole*** Sampler Disk (free with subscription)		$3.00

Books

CO-004	***CompuShare: Your IIgs Guide***	(5/91)	$21.95
CO-003	***CompuShare: GS/OS Guide***	(5/91)	$9.95

AppleWorks

Publications

TO1	***TimeOut-Central*** 6 issues/yr, 3.5 disk only	1 year	$42.00
TO2	**Editor Randy Brandt of Beagle & UltraMacros fame gives you**	2 years	$81.00
TO3	**the latest AppleWorks & TimeOut tips, macros, and wares.**	3 years	$117.00
TO90S1	Semiannual disk set (Sep/Nov/Mar 91)		$18.00

Books

IN-004	***Wilkin: Best Book of AppleWorks***	(5/90)	$21.95
IN-006	***Aron: Using AppleWorks (Que)***	(6/90)	$21.95
CE-001	***Thomas: ClassWorks***	(8/88)	$49.95

AppleWorks GS Books

AW-027	***Brown: Using AppleWorks GS***		$19.95

Patch programs

BB-004	***Beagle AppleWorks 3.0 Companion***	(5/90)	$39.95

TimeOut UltraMacros

BB-005	***TimeOut UltraMacros (AppleWorks 3.0)***	(12/90)	$49.95
NA-001	***Munz: UltraMacros Primer***	(3/90)	$19.95
MM-002	***Ultra-AppleWorks (UltraMacros tutorial on 3.5 disk)***	(5/91)	$19.95
MM-003	***Ultra-AppleWorks (book, samples on 3.5 & 5.25)***	(5/91)	$24.95
BB-006	***MacroEase (requires UltraMacros 3.0)***	(12/90)	$34.95
MM-001	***Ultra AWesome Macros (requires UltraMacros 3.0)***	(3/91)	$19.95

Enhancements

JE-010	***TotalControl (AppleWorks 3.0)***	(7/91)	NEW $49.95
JE-007	***DoubleData (AppleWorks 3.0)***	(7/90)	$30.00
JE-008	***Outline 3.0 (AppleWorks 3.0)***	(9/90)	$39.00
JE-005	***Pathfinder (AppleWorks 3.0)***	(7/90)	$20.00
JE-006	***SpellCopy (AppleWorks 3.0)***	(7/90)	$12.50
JE-001	***FlexiCal (AppleWorks 2.x or 3.0)***	(7/90)	$30.00
JE-004	***Mr. Invoice (AppleWorks 3.0)***	(7/90)	$40.00

HyperMedia

Publications

SC1	***Stack-Central*** 6 issues/yr, 3.5 disk only	1 year	$42.00
SC2	**The lastest tips and news for creators of HyperStudio**	2 years	$81.00
SC3	**stacks. Tutorials, examples, clip art & sounds, and more.**	3 years	$117.00
SC90S1	Semiannual disk set (Feb/Apr/Jun 90)		$20.00
SC90S1	Semiannual disk set (Aug/Oct/Dec 90)		$20.00
SC90S1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
SC90FS	Annual disk set (Feb 90 to Dec 90)		$36.00
HC1	***Script-Central*** 6 issues/yr, 3.5 disk only	1 year	$42.00
HC2	**All about Apple's HyperCard IIgs and HyperTalk, its scripting**	2 years	$81.00
HC3	**language. Your letters, our XCMDs, Tools, Buttons – awesome!**	3 years	$117.00

Books

AW-042	***Apple: Hypercard IIgs Script Guide***	(3/91)	~~$23.99~~
AW-034	***Apple: Hypercard Stack Design***		$16.95

HyperMedia software

RW-005	***HyperStudio (for IIgs)***	(1/90)	$99.95
RW-009	***HyperStudio Xcommands, Vol 1***	(11/90)	$39.95
GC-001	***Nexus (for IIgs)***	(12/90)	$69.95
AP-002	***HyperCard IIgs***	(3/91)	$99.00

Clip art

RW-007	***HyperStudio Clip-Art, Vol 1***	(11/90)	$19.95
RW-011	***HyperStudio Clip-Art, Vol 2***	(3/91)	$24.95
TV-002	***ClipArt Plus***	(3/91)	$39.95
DS-011	***ClipVision 1.1***	(3/91)	$29.95

Sound

RW-008	***HyperStudio Clip-Sounds, Vol 1***	(11/90)	$19.95
TV-001	***ClipTunes (2 disks)***	(3/91)	$39.95
DS-012	***ClipSounds (10 disks)***	(3/91)	$59.95
DR-002	***SVI MA-100 speakers for the IIgs***	(1/90)	$129.00*
*	***120 volts. Surface shipping to Canada or APO/FPO adrs***		$20.00

Fonts

FC-001	***A2-Central Font Collection***	(3/90)	$39.00
	8 3.5 disks of fonts in ShrinkIt format		

OCR/Imaging/Graphics

Optical Character Recognition

WC-001	***InWords (512K enhanced IIe or IIgs)***	(3/91)	$99.00

Imaging

VI-001	***Quickie Scanner***	(10/90)	$219.95
DV-001	***B&W ComputerEyes Video Digitizer (IIe)***	(12/90)	$119.95
DV-002	***Enhancement Software***	(12/90)	$22.95
DV-003	***IIgs Support Software for B&W Computer Eyes***	(12/90)	$22.95
DV-004	***Color ComputerEyes Video Digitizer for IIgs***	(12/90)	$219.95

Graphics

BB-007	***Platinum Paint (for IIgs)***	(3/91)	$79.00
SH-003	***Jason Harper's Super Convert (for IIgs)***	(7/91)	NEW $39.95
RW-004	***Graphics Exchange (for IIgs)***	(1/90)	$37.50
RW-012	***Desktop Screen Saver***	(3/91)	$24.95
RI-001	***Second Chance (image enhancement software, IIgs)***	(11/90)	$39.95

Telecommunications

Books

CO-002	***CompuShare: Telecommunications Guide***	(5/91)	$12.95

Bundles

CD-002	***U.S. Modem Bundle (SC-001, CS-001, and 1 cable)***		▼ $159.00
CD-003	***Int'l Modem Bundle (SC-002-xx, CS-001, and 1 cable)***		▼ $169.00

Modems

SC-001	***Supra 2400 baud modem (110 volts)***	(1/90)	▼ $119.00
SC-002-AU	***Supra 2400, Australian plug (220 volts)***	(9/90)	▼ $129.00
SC-002-WG	***Supra 2400, German plug (220 volts)***	(9/90)	▼ $129.00
SC-002-UK	***Supra 2400, British plug (220 volts)***	(9/90)	▼ $129.00
DC-008	***ViVa24m 2400 baud MNP 5 modem (110 volts)***	(3/91)	$169.00

Cables

RC-001	***8' cable for IIgs/IIc-Plus***	(1/90)	$15.00
RC-002	***8' cable for older IIc***	(1/90)	$15.00
RC-003	***8' cable for serial cards***	(1/90)	$15.00

Telecommunications software

New Stuff

Resource Central 50 Meg Drive

This new hard drive is exactly like our 100 Meg (see May 91 catalog) except for two things, the size and the price. If you don't need all that space, you'll save $120 with this smaller drive.

A2-007	***Resource Central 50 Meg***	$479.00*
*Surface shipping to Canada or APO/FPO adrs		$10.00
*Surface shipping to other points outside US		$20.00

TotalControl

Brand new from Randy Brandt's JEM software, this is the ultimate add-on package for the AppleWorks 3.0 database. *TotalControl* gives you mastery over the Data Base REVIEW/ADD/CHANGE module. You control minimum and maximum lengths and values for categories. Categories can be defined as text or numeric and can contain powerful formulas. Information can be imported from other Data Base and Spreadsheet files, giving relational capabilities to the Data Base. A special Apple-G command lets you pick entries from a pop-up list. And there's even more...

JE-010 ***TotalControl*** $49.95

Jason Harper's Super Convert

If you've used Jason Harper's shareware *Convert*, you'll know the basic idea here, but you won't believe the additions. Converts graphics from ProDOS 8, Mac, MS-DOS, AtariST, Amiga, Commodore 64/128, GIF, TIFF, RLE, IPI, and QRT formats to Apple IIgs formats. Also prints images, does image enhancements, and explains how to get professional quality slides of your IIgs screens.

SH-003 ***Super Convert*** $39.95

Chaos in the Laboratory

This is David Vernier's sequel to *How to Build a Better Mousetrap*, which many of you have purchased from us. It's a book of science projects based on Apple II computers (even the II-Plus!). The title project shows you how to use an Apple II to study chaotic behavior. Other projects include a temperature probe, A-to-D converter, light meter, colorimeter, barometer/pressure sensor, magnetic field sensor, smart battery charger, digitized sound, stepper motors, the speed of sound, and an ultrasonic range finder. The book gives step-by-step instructions of how to build each project, tells where to get parts, and includes two 5.25 disks with the software necessary to complete the projects.

VS-002 ***Chaos in the Laboratory*** $25.95

Build Your Own Laser Printer

This book is an expanded update of a *Computer Shopper* feature titled "Boys! Grow Giant Laser Writers in Your Basement". As he explains the laser printer construction process, the author provides a complete education in current laser printer technology – including what kinds are available, how they operate, what parts they use, and where to buy components at the best possible prices. Includes complete information on making your printer PostScript and AppleTalk compatible.

TB-012 ***Build Your Own Laser Printer*** $16.95

BASIC Help

Now you can get help as you write an Applesoft program. Just type "HELP" at the Applesoft prompt and BASIC Help will provide you with an online manual for Applesoft and ProDOS. Includes command syntax, information on math and logical operations, error messages, and peek, poke and call locations.

Written by a teacher who uses the program to teach Applesoft to high school students interactively, BASIC Help would be great for anyone trying to teach themselves Applesoft. Also useful for those of us who know our manual is somewhere nearby but can't figure out exactly where.

IS-002 ***BASIC Help*** $29.95

256K RAM chips

We don't sell anything that actually uses these chips, but we're continually getting calls from people who have partially filled Apple memory cards in their IIgs computers. Apple's cards can be used in the piggyback connector of CVTech's GS-Memory card, but they have to be filled to the full 1-Meg limit first. Count how many empty sockets you have on your Apple card and we'll help you fill them. Sold in sets of 8 chips.

DRAM-256 ***8 256K RAM chips*** $25.00

Macintosh 1 Meg SIMMs

OK, we know a lot of you out there also have Macintoshes, but we won't tell. Have you tried System 7 yet? It has lots of great features, but if your Mac is like ours you won't have enough memory left after starting up to run anything but the Finder. If you know how to get inside your Mac, slip a couple of these in and end your shortage.

SIMM-1 ***1-Meg SIMM for Macintoshes*** $70.00

CS-001	***Talk Is Cheap***	(3/90)	$40.00
TH-001	***GEnie Master 4.0 (requires AWorks 3.0 & TIC or Point-to-Point)***		$20.00
KG-001	***Co-Pilot (GEnie interface for IIgs)***	(1/91)	$25.00

IIe/IIc Programming

IIgs Programming

Sorry, no room this month. See next month or April 1991

Hard Disk Drives

Hard drive books

CO-001	***CompuShare: Hard Drive Guide***	(5/91)	$14.95
NA-002	***Apple Hard Disk Primer***	(9/90)	$16.95

Internal hard drives (include SCSI card)

CT-CID20	***CIRTECH 20-meg internal hard drive***	(5/90)	$695.00
CT-CID40	***CIRTECH 40-meg internal hard drive***	(5/90)	$845.00

External hard drives (require SCSI card)

A2-007	***Resource Central 50 Meg***	(7/91)	NEW $479.00*
A2-005	***Resource Central 100 Meg***	(5/91)	$599.00*
A2-006	***Resource Central 42 Meg Removable Media***	(5/91)	$699.00*
DC-007	***extra cartridges for 42 Meg drive***	(5/91)	$99.00
*	***Surface shipping to Canada or APO/FPO adrs***		$10.00
*	***Surface shipping to other points outside U.S.***		$20.00

SCSI cards

AP-001	***Apple High-Speed SCSI card***	(5/91)	$119.00
CT-SC	***CIRTECH SCSI card***	(5/91)	▲ $129.00
CV-001	***RAMfast SCSI card***	(5/91)	▼ $209.00

Disk management utilities

CH-001	***Chinook Utilities for Apple SCSI cards***	(1/90)	$30.00
GB-001	***Prosel 8 (for IIe/IIc; 3.5 disk, 5.25 on request)***	(1/90)	$40.00
GB-002	***Prosel 16 (for IIgs, includes Prosel 8 features)***	(1/90)	$85.00
VI-002	***Salvation: Guardian (Backup Utility)***	(10/90)	$37.00
VI-003	***Salvation: Renaissance (Optimization Utility)***	(10/90)	$37.00
VI-004	***Salvation: Exorciser (Virus exterminator)***	(10/90)	$34.00
VI-005	***Salvation: Wings (Program selector)***	(10/90)	$59.00
VI-007	***Salvation: Deliverance (Fix/edit disks)***	(12/90)	$37.00

Hard drive parts

DC-001	***Leadman case; 120 or 220V, 60W***	(1/90)	$124.00*
RC-004	***SCSI cable, Seagate drive to SCSI card***	(1/90)	$30.00
DC-002	***Seagate ST-296N-1 80meg SCSI assembly***	(1/90)	$519.00*
*	***Surface shipping to Canada or APO/FPO adrs***		$25.00
*	***Surface shipping to other points outside U.S.***		$30.00

Memory Expansion Cards

IIgs memory expansion slot cards

	Chinook (5/90) RAM 4000		CVTech (3/91) GS-Memory		Cirtech (9/90) Primo	
0K (empty)	CH-002-0	$94.00	CV-002-0	$99.00	CT-P0	$105.00
1 Megabyte	CH-002-1	$164.00	CV-002-1	$169.00	CT-P1	$175.00
2 Megabytes	CH-002-2	$234.00	CV-002-2	$239.00	CT-P2	$245.00
3 Megabytes	***not available***		CV-002-3	$309.00	***not available***	
4 Megabytes	CH-002-4	$374.00	CV-002-4	$379.00	CT-P4	$385.00

Standard slot cards for IIe or IIgs

PR-16-1	***Cirtech PR-16, 1 Meg, expands to 4 meg***	(9/88)	$439.00
SD-4	***Cirtech StatDisk, 512K (Battery backed-up static***	(10/88)	$389.00
SD-8	***1 Meg RAMdisk, fast, quiet, extremely reliable)***		$699.00

Memory chips

DRAM-256	***Set of 8 256K chips for standard memory cards***	NEW	$25.00
DRAM-1	***Set of 8 1-meg chips for standard memory cards***		$70.00
SIMM-1	***1-meg SIMM for Macintosh (System 7 needs lots of RAM)***	NEW	$70.00
SRAM-32	***Set of 2 chips for StatDisk (64K)***		$30.00

Ordering Information

Call us! Voice:913-469-6502 Fax:913-469-6507

Ordering Information

If you received this catalog in the envelope with one of our publications, there was also a one-sheet self-mailer in the envelope. Your name, address, expiration date, and account number are already imprinted on one side of the self-mailer—on the other side you'll find an order form. Please don't send us a photocopy of the form unless you **photocopy both sides.**

If you received this catalog without a self-mailer, write your order on a plain sheet of paper and send it to:

Resource Central, Inc.
P.O. Box 11250
Overland Park, KS 66207
913-469-6502 fax:913-469-6507

Publications

Our flagship publication is the 8-page monthly newsletter ***A2-Central.*** It's designed to be an international information clearinghouse for Apple II users of every persuasion. Subscription prices are listed in the **In General** section of this catalog.

A newsletter/disk subscription to ***A2-Central*** is also available. You get both the paper newsletter and a 3.5 inch disk each month that's filled with useful goodies provided by our subscribers and guests.

In addition we publish 5 3.5-disk-based publications. See the listings inside for prices: ***8/16-Central,*** for Apple II and Apple IIgs programmers (front page), ***TimeOut-Central,*** for AppleWorks and TimeOut users (listed under **AppleWorks**), ***Stack-Central,*** for HyperStudio users (**HyperMedia**), ***Script-Central,*** for HyperCard IIgs users (**HyperMedia**), and ***Hyperbole,*** a literary and artistic journal on disk (**In General**).

Resource-Central Disk Sampler

Latest issue of *A2-Central* on disk, *8/16-Central*, *TimeOut-Central*, and *Stack-Central*, *Script-Central*, and *Hyperbole* sample disks.

RC-SAMP	**Resource-Central Disk Sampler**	$15.00

Back Issues

Back issues of all our publications are available singly or in sets. Back issue sets are listed in the catalog with each publication. One of the best deals anywhere is the full set special we offer for ***A2-Central.*** You get every issue we've ever published, on your choice of paper or disk, for just $39. It's a wonderful intro to the world of Apple computing.

AppleTalk Networks

Books

IN-002	*Hands on AppleTalk*	(3/90)	$21.95
AW-030	*Apple: Understanding Computer Networks*		$9.95
AW-031	*Apple: AppleTalk Network System Overview*		$14.95
AW-035	*Apple: Inside AppleTalk*		$34.95

Network connectors

OE-001	*ModuNet 8-pin for IIe, IIgs, new Macs*	(1/90)	$34.95
OE-002	*9-pin for old LaserWriters, old Macs*	(1/90)	$34.95

Printers

Books

AW-008	*Apple: ImageWriter II Technical Reference*		$19.95
AW-025	*Apple: ImageWriter LQ Technical Reference*		$22.95
AW-028	*Apple: LaserWriter Reference*		$19.95
TB-012	*LaBadie: Build Your Own Laser Printer*	(7/91)	NEW $16.95
SY-003	*Campbell: The RS-232 Solution, 2nd Ed*	(6/88)	$21.95
CP-001	*East: Handbook of Printer Commands (3 vols)*	(11/88)	$89.95

GS/OS Printer Drivers

SH-002	*Seven Hills: Independence*	(3/91)	$29.95
VI-006	*Vitesse: Harmonie Printer/Parallel Card Drivers*	(12/90)	$37.00

Troubleshooting and repair

HS-004	*SAMS Computerfacts: ImageWriter I*	(8/88)	$24.95
HS-008	*SAMS Computerfacts: ImageWriter II*	(8/88)	$24.95

Dot matrix printers

LC-001	*Laser 190A ImageWriter-compatible serial printer*	(1/90)	$249.00*
LC-003	*Laser 190A ImageWriter-compatible parallel printer*	(1/90)	$199.00*
LC-006	*tractor feed attachment*	(1/90)	$59.95
LC-007	*5 ribbons (fit Laser 190A, Epson LX-80/90 & Olympia NP30 only)*		$14.95

Cables

RC-001	*8' cable for IIgs/IIc-Plus*	(1/90)	$15.00
RC-002	*8' cable for older IIc*	(1/90)	$15.00
RC-003	*8' cable for serial cards*	(1/90)	$15.00
*	*120 volts. Surface shipping to Canada or APO/FPO adrs*		$25.00

Other Peripherals

Accelerators

ZC-001	*Zip GSX Accelerator for IIgs*	(3/91)	▼ $199.00

Batteries

NO-001	*Nite Owl Slide-On Battery Kit for IIgs*	(3/90)	$14.95

3.5 Disks and Drives

AM-001	*AMR 3.5 drive*	(1/90)	$189.00
AM-002	*Laser 3.5 drive controller for IIe*	(1/90)	$59.00
A2-001	*10 generic, blank 3.5 disks*	(4/90)	$9.49
A2-002	*100 blank , continuous labels for 3.5 disks*	(4/90)	$1.99
A2-003	*10 Static-Guard binder storage pages for 3.5 disks*	(4/90)	$9.97

Fans

CTFAN-E	*CIRTECH Cool-It fan for Apple IIe*	(1/90)	$49.00
CTFAN-GS	*CIRTECH Cool-It fan for Apple IIgs*	(1/90)	$49.00

Math Coprocessors

IS-001	*Floating Point Engine*	(4/90)	$249.00

Monitors

DC-003	*Magnavox RGB Monitor for IIgs*	(9/90)	$319.00*
RC-005	*IIgs RGB cable for Magnavox monitor*		$23.00
*	*120 volts. Surface shipping outside U.S.*		$20.00

Other Topics

Desk accessories

SS-008	*Deskpak (IIgs NDA collection)*	(11/90)	$15.00
SH-001	*Disk Access (disk management NDA)*	(11/90)	$30.00
RW-012	*Desktop Screen Saver*	(3/91)	$24.95
RW-010	*Desktop Files Control (disk management NDA)*	(11/90)	$24.00
RW-003	*SoftSwitch (program switcher for IIgs)*	(1/90)	$45.00
RW-006	*MacroMate (universal macros for IIgs)*	(1/90)	$37.50

Desktop publishing

WG-001	*White: Graphic Design for the Electronic Age*	(3/89)	$24.95

Education

DR-001	*Diversi-Tune (for IIgs)*	(1/90)	$59.00
SB-001	*GSNumerics (for IIgs)*	(4/90)	$79.95
AW-013	*Snyder: In Search of the Most Amazing Thing*	(6/88)	$10.95
IB-001	*Weishaar: Your Best Interest*	(6/88)	$9.95
VS-001	*Vernier: Build a Better Mousetrap*	(7/88)	$24.95
VS-002	*Vernier: Chaos in the Laboratory*	(7/91)	NEW $25.95
TB-003	*Pellino et al: Science On Your Apple*	(6/88)	$14.95
TB-004	*Horn: Smart Apples*	(6/88)	$12.95

Games

JE-002	*I.O. Silver (5.25 only)*	(7/90)	$20.00
NO-003	*Wraith: Devil's Demise (3.5 only)*	(9/90)	$12.95
TB-010	*Bouncing Bluster II (requires IIgs)*	(5/91)	$59.00
TB-011	*Space Shark (requires IIgs)*	(5/91)	$49.00

Troubleshooting and repair

HS-005	*SAMS Computerfacts: IIc*	(8/88)	$39.95
HS-003	*SAMS Computerfacts: Disk II*	(8/88)	$24.95

Other

IN-001	*Day: The Hacker (novel)*	(3/90)	$3.95
AP-003	*Apple II Guide*	(3/91)	$4.00
SE-002	*DB Master Programmer's Pak*	(5/90)	$129.00
SS-006	*Cross-Works (ProDOS <—> MS-DOS)*	(4/90)	$79.95
TB-009	*Photonix II (requires IIgs)*	(5/91)	$45.00
NO-002	*Night Owl Journal 3.5*	(9/90)	$12.95
FD-001	*Fastdata Pro (full-text search utility)*	(1/90)	$29.95

Fastdata Pro is normally $49.95. This price expires August 1, 1991

Resource Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your publication.

August 1991

Desktop Publishing

A couple of months ago we hired the editor of the local Apple user group's newsletter, Ellen Rosenberg, to help us out around here. Ellen is a prolific user of **Publish It,** which is the best-selling desktop publishing software for the Apple II. When TimeWorks announced a new version, *Publish It 4,* Ellen said we ought to carry it. So we are.

Publish It runs under ProDOS 8. You can use it with an enhanced Apple IIe, a IIc or IIc-Plus, a IIgs, or a Laser computer. You can type text directly into the program using its built-in word processor or you can directly import text files or AppleWorks or Bank Street Writer word processor files. With version 4 you can also export the text you've typed into *Publish It* for use in other programs. You can create graphics using *Publish It's* built-in graphic toolbox (draw lines, boxes, circles, rules, and borders; leave them empty or fill them with built-in patterns, patterns of your own design, or colors). Or you can import any single-high, double-high, or super-high resolution graphic, including new *PrintShop , PrintShop GS,* and *PrintShop* or *Newsroom* graphics on DOS 3.3 disks.

Even though it's a ProDOS 8 program, *Publish It* uses Apple's desktop interface, just like the Apple IIgs or a Macintosh. You see how your finished document will look on your computer screen. You can use the program's built-in layout tools to overlap, reposition, and resize elements on the page. You have the power to easily change a layout or to experiment with alternative page layouts. Once your pages look the way you want them to, you can print them on your dot matrix or laser printer. Supported printers include all printers commonly used with Apple IIs, including major lines from Apple, Epson, Gemini, and Okidata, all PostScript printers, and all printers compatible with one of these. The new version 4 also supports Hewlett-Packard DeskJet and LaserJet printers. Or you can print to a PostScript file that you can take to a typesetting service bureau for the highest-quality output.

You use the mouse to position page elements where you want them. You can reposition and resize text and graphics. You can easily align objects. Transparent text boxes allow you to overlap text or graphics. Or text can be automatically wrapped around graphics. Text can be automatically centered or it can be aligned on the right, the left, or both the right and left (full justification). The new version 4 includes automatic hyphenation. This means *Publish It* figures out where to hyphenate words at the end of lines. Hyphenation creates better looking documents with less jagged margins or, with full justification, smaller spaces between words.

Text boxes can be linked so that text flows from column to column and from page to page. With version 4, you can save templates of commonly used layouts. While the program requires at least 128K of memory, it will use as much memory as you allow up to all the memory you have available. This lets you create larger documents. You can also limit the amount of available memory used by *Publish It,* which means you can use a program like *SoftSwitch* on an Apple IIgs to run both *Publish It* and *AppleWorks* at the same time.

TW-001 ***Publish It 4*** $119.95

Back by popular demand

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Apple IIgs Technical Library Set--$49.95

Plus: $10 off Toolbox Vol 3 & GS/OS Reference Manual!

Limited Time Offer--Available only through Resource Central!

Once again, subscribers to Resource Central publications can get all six books at the heart of the Apple IIgs Technical Library—a $148.70 value—for just $49.95 plus postage.

The six books include:

Technical Introduction to the Apple IIgs
Programmer's Intro to the Apple IIgs
Apple IIgs Toolbox Reference, Volume I
Apple IIgs Firmware Reference Manual
Apple IIgs Hardware Reference Manual
Apple IIgs Toolbox Reference, Volume II

These are the official manuals written by Apple Computer and published by Addison-Wesley as part of the Apple Technical Library series.

A year ago we sold hundreds of these sets. If you bought a set last year or if you buy a set this year, you're also entitled to buy the new *Apple IIgs Toolbox Reference, Vol III* or the new *Apple IIgs GS/OS Reference* for $10 off the regular price — an additional savings of up to $20. This offer is available only from Resource Central and expires September 31, 1991.

Together, these eight books weigh nearly 25 pounds—over 11 kilograms. Please select your choice of shipping method and cost:

		regular price	special price
AW-SET	**Apple IIgs Library Set**	$148.70	**$49.95** plus shipping
and, with purchase of Library Set (last year or now):			
AW-036	**Apple IIgs Toolbox Vol 3**	$39.95	**$29.95** plus shipping
AW-041	**Apple IIgs GS/OS Reference**	$28.95	**$18.95** plus shipping

Shipping costs

	AW-SET	AW-036	AW-041
SURFACE			
U.S. (4th Class Book Rate)	$7.00	free	free
Canada	$10.00	$2.00	$1.00
Elsewhere	$11.50	$3.00	$1.00
AIRMAIL			
U.S. (First Class, use for APO/FPO)	$15.00	$7.00	$4.00
Canada	$20.00	$10.00	$6.00
Central & South America, Caribbean	$36.00	$17.00	$10.00
Europe	$64.00	$29.00	$17.00
Elsewhere	$91.00	$41.00	$23.00

Subscribers only--Offer expires September 31, 1991.

About this listing

Everything we carry doesn't fit in this catalog anymore, so we left out the stuff at the end of the list this month. The date shown with each item indicates the catalog that has a longer description of the item. We give a full description the first time an item appears in the catalog.

In General

A2-Central

A2-1	***A2-Central*** 12 issues/yr, 8 pages	1 year	$28.00
A2-2	**An international clearinghouse of information for users of all**	2 years	$54.00
A2-3	**types of Apple IIs. Winner of Best Apple II Publication award.**	3 years	$78.00
FS-N	Full set of back issues in bound annual volumes and singles		$39.00
FS-D	Full text of paper back issues on 3.5 disks		$39.00
OA-001	***Volume 1*** January 1985 – Jan 1986		$14.95
OA-002	***Volume 2*** February 1986 – Jan 1987		$14.95
OA-003	***Volume 3*** February 1987 – Jan 1988		$14.95
OA-004	***Volume 4*** February 1988 – Jan 1989		$14.95
OA-005	***Volume 5*** February 1989 – Jan 1990		$14.95
OA-006	***Volume 6*** February 1990 – Jan 1991		$14.95

A2-Central on disk

AD-1	***A2-Central*** on disk12 issues/yr, paper newsletter & 3.5 disk	1 year	$84.00
AD-2	**Our award-winning newsletter plus a monthly disk**	2 years	$162.00
AD-3	**filled with the best stuff we find online and in our mailbox.**	3 years	$234.00
AD89FS	Annual Sets: 12 back issue disks Feb 89 to Jan 90		$60.00
AD90FS	Annual Sets: 12 back issue disks Feb 90 to Jan 91		$60.00

Quarterly Sets	Feb/Mar/Apr	May/Jun/Jul	Aug/Sep/Oct	Nov/Dec/Jan	
1989	AD89S1	AD89S2	AD89S3	AD89S4	$18.00
1990	AD90S1	AD90S2	AD90S3	AD90S4	$18.00

Hyperbole

HB1	***Hyperbole*** 6 issues/yr, 3.5 disk, requires IIgs	1 year	$42.00
HB2	**A multimedia artistic and literary journal on disk.**	2 years	$81.00
HB3	**There's nothing else like it anywhere!**	3 years	$117.00
HB-91S1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
HB-SAMP	***Hyperbole*** Sampler Disk (free with subscription)		$3.00

Books

CO-004	***CompuShare: Your IIgs Guide***	(5/91)	$21.95
CO-003	***CompuShare: GS/OS Guide***	(5/91)	$9.95

AppleWorks

Publications

TO1	***TimeOut-Central*** 6 issues/yr, 3.5 disk only	1 year	$42.00
TO2	**Editor Randy Brandt of Beagle & UltraMacros fame gives you**	2 years	$81.00
TO3	**the latest AppleWorks & TimeOut tips, macros, and wares.**	3 years	$117.00
TO90S1	Semiannual disk set (Sep/Nov/Mar 91)		$18.00

Books

IN-004	***Wilkin: Best Book of AppleWorks***	(5/90)	$21.95
IN-006	***Aron: Using AppleWorks (Que)***	(6/90)	$21.95
CE-001	***Thomas: ClassWorks***	(8/88)	$49.95

AppleWorks GS Books

AW-027	***Brown: Using AppleWorks GS***	$19.95

TimeOut UltraMacros

BB-005	***TimeOut UltraMacros (AppleWorks 3.0)***	(12/90)	$49.95
NA-001	***Munz: UltraMacros Primer***	(3/90)	$19.95
MM-002	***Ultra-AppleWorks (UltraMacros tutorial on 3.5 disk)***	(5/91)	$19.95
MM-003	***Ultra-AppleWorks (book, samples on 3.5 & 5.25)***	(5/91)	$24.95
BB-006	***MacroEase (requires UltraMacros 3.0)***	(12/90)	$34.95
MM-001	***Ultra AWesome Macros (requires UltraMacros 3.0)***	(3/91)	$19.95

Enhancements

JE-010	***TotalControl (AppleWorks 3.0)***	(7/91)		$49.95
FW-001	***Elite Fantasy Football Management System***	(8/91)	**NEW**	$79.95
JH-001	***Writeworks (Writer's project management)***	(8/91)	**NEW**	$39.95
JE-007	***DoubleData (AppleWorks 3.0)***	(7/90)		$30.00
JE-008	***Outline 3.0 (AppleWorks 3.0)***	(9/90)		$39.00
JE-005	***Pathfinder (AppleWorks 3.0)***	(7/90)		$20.00
JE-006	***SpellCopy (AppleWorks 3.0)***	(7/90)		$12.50
JE-001	***FlexiCal (AppleWorks 2.x or 3.0)***	(7/90)		$30.00
JE-004	***Mr. Invoice (AppleWorks 3.0)***	(7/90)		$40.00

Patch programs

BB-004	***Beagle AppleWorks 3.0 Companion***	(5/90)	$39.95

Multimedia

Publications

SC1	***Stack-Central*** 6 issues/yr, 3.5 disk only	1 year	$42.00
SC2	**The lastest tips and news for creators of HyperStudio**	2 years	$81.00
SC3	**stacks. Tutorials, examples, clip art & sounds, and more.**	3 years	$117.00
SC90S1	Semiannual disk set (Feb/Apr/Jun 90)		$20.00
SC90S1	Semiannual disk set (Aug/Oct/Dec 90)		$20.00
SC90S1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
SC90FS	Annual disk set (Feb 90 to Dec 90)		$36.00
HC1	***Script-Central*** 6 issues/yr, 3.5 disk only	1 year	$42.00
HC2	**All about Apple's HyperCard IIgs and HyperTalk, its scripting**	2 years	$81.00
HC3	**language. Your letters, our XCMDs, Tools, Buttons – awesome!**	3 years	$117.00

Books

AW-042	***Apple: Hypercard IIgs Script Guide***	(3/91)	$23.99
AW-034	***Apple: Hypercard Stack Design***		$16.95

Multimedia software

RW-005	***HyperStudio (for IIgs)***	(1/90)	$99.95
RW-009	***HyperStudio Xcommands, Vol 1***	(11/90)	$39.95
GC-001	***Nexus (for IIgs)***	(12/90)	$69.95
AP-002	***HyperCard IIgs***	(3/91)	$99.00

Clip art

RW-007	***HyperStudio Clip-Art, Vol 1***	(11/90)	$19.95
RW-011	***HyperStudio Clip-Art, Vol 2***	(3/91)	$24.95
TV-002	***ClipArt Plus***	(3/91)	$39.95
DS-011	***ClipVision 1.1***	(3/91)	$29.95

Sound

RW-008	***HyperStudio Clip-Sounds, Vol 1***	(11/90)	$19.95
TV-001	***ClipTunes (2 disks)***	(3/91)	$39.95
DS-012	***ClipSounds (10 disks)***	(3/91)	$59.95
DR-002	***SVI MA-100 speakers for the IIgs***	(1/90)	$129.00*
*	***120 volts. Surface shipping to Canada or APO/FPO adrs***		$20.00

Desktop Publishing

Desktop Publishing Software

TW-001	***Publish It 4 (Enhanced IIe, any IIc or IIgs)***	(8/91)	**NEW**	$119.00

Optical Character Recognition (Put an end to retyping)

WC-001	***InWords (512K enhanced IIe or IIgs)***	(3/91)	$99.00

Fonts

FC-001	***A2-Central Font Collection***	(3/90)	$39.00
	8 3.5 disks of fonts in ShrinkIt format		

Graphics/Imaging

Imaging

VI-001	***Quickie Scanner***	(10/90)	$219.95
DV-001	***B&W ComputerEyes Video Digitizer (IIe)***	(12/90)	$119.95
DV-002	***Enhancement Software***	(12/90)	$22.95
DV-003	***IIgs Support Software for B&W Computer Eyes***	(12/90)	$22.95
DV-004	***Color ComputerEyes Video Digitizer for IIgs***	(12/90)	$219.95

Graphics

BB-007	***Platinum Paint (for IIgs)***	(3/91)	$79.00
SH-003	***Jason Harper's Super Convert (for IIgs)***	(7/91)	$39.95
RW-004	***Graphics Exchange (for IIgs)***	(1/90)	$37.50
RW-012	***Desktop Screen Saver***	(3/91)	$24.95
RI-001	***Second Chance (image enhancement software, IIgs)***	(11/90)	$39.95

Telecommunications

Books

CO-002	***CompuShare: Telecommunications Guide***	(5/91)	$12.95

Bundles

CD-002	***U.S. Modem Bundle (SC-001, CS-001, and 1 cable)***	$159.00
CD-003	***Int'l Modem Bundle (SC-002-xx, CS-001, and 1 cable)***	$169.00

Telecommunications software

CS-001	***Talk Is Cheap***	(3/90)	$40.00
TH-001	***GEnie Master 4.0 (requires AWorks 3.0 & TIC or Point-to-Point)***		$20.00
KG-001	***Co-Pilot (GEnie interface for IIgs)***	(1/91)	$25.00

New Stuff

Fantasy Football Management System

Fantasy football is a seasonal event that coincides directly with National Football League's 17-week season. Armchair quarterbacks draft teams from among professional players and decide who to play each week. Players score points based upon their performance in actual NFL games. The *Elite Fantasy Football System* gives you everything you need to run a fantasy football league on your Apple II using *AppleWorks, Publish It,* and your favorite telecommunications software. (Also shows you how to run a league without some or all of these.) You are the league commissioner and run your league the way *you* want to. Includes a big, thick manual that covers everything from recruiting teams to scripts for your League Hotline.

You also get AppleWorks templates (rules, schedules, standings, a complete NFL players database, and more) for coordinating the league, *Publish It* templates for a league newsletter, and communications macros for capturing statistics with most popular Apple II telecom software. There's lots to learn here, so if you'd like to run a league this fall, get the package and start boning up now.

FW-001	***Elite Fantasy Football Management System***	$79.95

Writer's Management System

Writeworks began when its author, John H. Hopkins, started exploring ways that software could help him with his free-lance writing. He says he became fascinated with the potential of "writing" (as opposed to "word processing") programs...programs that let you gather, organize, evaluate and integrate information and references in an "automated" way that wouldn't be possible without a computer.

He bought several of these programs and tried working with them. They all seemed to be designed primarily for academic writing. Besides, he missed Appleworks! He wanted a desktop with his personal files as well as his current project only a keystroke away.

So he began designing Appleworks templates that would give him the capacity to manage information for non-fiction writing. The end result is *Writeworks,* a "writing system" built upon AppleWorks templates that help you set your goals and define your project, create an outline and fill it with notes, and organize references.

Writeworks should prove useful for teachers and students as well as professional and aspiring writers.

JH-001	***Writeworks***	$39.95

Modems

SC-001	***Supra 2400 baud modem (110 volts)***	(1/90)	$119.00
SC-002-AU	***Supra 2400, Australian plug (220 volts)***	(9/90)	$129.00
SC-002-WG	***Supra 2400, German plug (220 volts)***	(9/90)	$129.00
SC-002-UK	***Supra 2400, British plug (220 volts)***	(9/90)	$129.00
DC-008	***ViVa24m 2400 baud MNP 5 modem (110 volts)***	(3/91)	$169.00

Cables

RC-001	***8' cable for IIgs/IIc-Plus***	(1/90)	$15.00
RC-002	***8' cable for older IIc***	(1/90)	$15.00
RC-003	***8' cable for serial cards***	(1/90)	$15.00

IIe/IIc Programming

Publications

ES1	***8/16-Central*** 12 issues/yr, 3.5 disk only	1 year	$69.00
ES2	**The premier publication for Apple II programmers.**	2 years	$135.00
ES3	**Articles with demos and on-disk source code you can use.**	3 years	$198.00
ES90S1	Quarterly disk set (Mar/Apr/May 90)		$15.00
ES90S2	Quarterly disk set (Jun/Jul/Aug 90)		$15.00
ES90S3	Quarterly disk set (Sep/Oct/Nov 90)		$15.00
ES90S4	Quarterly disk set (Dec/Jan/Feb 91)		$15.00
ES90FS	Annual disk set (Mar 90 to Feb 91)		$54.00

Applesoft books

AW-040	***Critchfield/Dwyer: Bit of Applesoft '***	(9/90)	$9.95
AW-038	***Wintermeyer: Applesoft Toolbox '***	(9/90)	$9.95
AW-039	***Myers: Graphics for the Apple II '***	(9/90)	$9.95
AW-010	***Apple: Applesoft Tutorial (w/disk)***		$29.95
AW-021	***Apple: Applesoft Programmer's Reference***		$22.95

Applesoft development tools

BB-003	***Program Writer (Applesoft program editor)***	(1/90)	$37.50
BB-002	***Beagle Compiler (ProDOS Applesoft compiler)***	(1/90)	$59.00
MD-001	***MD-Basic (Applesoft pre-compiler)***	(5/90)	$49.95
IS-002	***Basic Help (Online Reference & Help)***	(8/91)	$49.95

Other languages

AW-037	***Seiter/Weiss: Pascal for Basic Prgmrs '***	(9/90)	$12.95
MS-002	***Micol Advanced BASIC for IIe/IIc***	(1/90)	$89.00

ProDOS 8

AW-024	***Apple: BASIC Programming with ProDOS (w/disk)***		$29.95
AW-023	***Apple: ProDOS 8 Tech Ref (w/disk)***		$29.95
TB-006	***Doms/Weishaar: ProDOS Inside and Out***	(6/88)	$16.95
DS-002	***disk for this book***		$10.00

Technical references

QS-002	***Sather: Understanding the Apple II***		$22.95
QS-003	***Sather: Understanding the Apple IIe***		$24.95
AW-003	***Apple: Apple IIe Technical Reference***		$24.95
AW-004	***Apple: Apple IIc Technical Reference***		$24.95
LC-005	***Laser: Laser 128 Technical Reference***		$29.95

6502 assembly language

PD-001	***ProDev 6502 Debugger for IIe/IIgs***	(3/91)	$189.00
AW-012	***Finley/Myers: Asm Lang for Applesoft Prgmmer***	(8/88)	$18.95
RW-001	***Wagner: Assembly Lines: The Book***	(6/88)	$19.95
DS-004	***disk for this book***		$15.95
MH-007	***Leventhal: 6502 Programming***		$19.95
MD-002	***Object Module Manager (Morgan Davis memory mgr)***	(8/90)	$24.95

IIgs Programming

Publications

ES1	***8/16-Central*** 12 issues/yr, 3.5 disk only	1 year	$69.00
ES2	**The premier publication for Apple II programmers.**	2 years	$135.00
ES3	**Articles with demos and on-disk source code you can use.**	3 years	$198.00
ES90S1	Quarterly disk set (Mar/Apr/May 90)		$15.00
ES90S2	Quarterly disk set (Jun/Jul/Aug 90)		$15.00
ES90S3	Quarterly disk set (Sep/Oct/Nov 90)		$15.00
ES90S4	Quarterly disk set (Dec/Jan/Feb 91)		$15.00
ES90FS	Annual disk set (Mar 90 to Feb 91)		$54.00

Technical manuals

Introductory Books

AW-017	***Little: Exploring the Apple IIgs***	(6/88)	$22.95
DS-007	***disk for this book (3.5)***		$20.00
AW-018	***Apple: Technical Introduction to the Apple IIgs***		$9.95
AW-011	***Apple: Programmer's Intro to IIgs (w/disk)***		$32.95

Toolbox manuals

CB-005	***Gookin/Davis: Mastering the IIgs Toolbox***	(8/88)	$19.95
CB-007	***Gookin/Davis: Adv Prog Tech for IIgs Toolbox***	(9/88)	$19.95
AW-019	***Apple: Apple IIgs Toolbox Reference, Vol 1***		$26.95
AW-006	***Apple: Apple IIgs Toolbox Reference, Vol 2***		$26.95
AW-036	***Apple: Apple IIgs Toolbox Reference, Vol 3***		$39.95

Technical references

MH-001	***Fischer: Apple IIgs Tech Ref***	(6/88)	$19.95
AW-022	***Apple: Apple IIgs Firmware Reference***		$24.95
AW-002	***Apple: Apple IIgs Hardware Reference***		$26.95
AW-001	***Apple: Apple Numerics Reference (new edition)***		$29.95
AW-014	***Apple: Human Interface Guidelines***		$14.95

GS/OS

AW-026	***Little: Exploring Apple GS/OS and ProDOS 8***	(1/89)	$21.95
DS-006	***disk for this book (3.5)***		$15.00
AW-041	***Apple: Apple IIgs GS/OS Reference***		$28.95

Universal development tools

SS-007	***Genesys (GS/OS Resource Creator/Editor)***	(6/90)	$90.00
BW-006	***Design Master (GS/OS Resource Creator)***	(11/90)	$57.00
AW-033	***Programmer's Online Companion for the IIgs***	(1/90)	$37.50
SS-009	***Edit-16 APW/ORCA/Merlin replacement editor***	(3/91)	$49.95
JE-009	***Rose16 APW replacement editor***	(3/91)	$15.00

Ordering Information

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Publications

Our flagship publication is the 8-page monthly newsletter ***A2-Central.*** It's designed to be an international information clearinghouse for Apple II users of every persuasion. Subscription prices are listed in the **In General** section of this catalog.

A newsletter/disk subscription to ***A2-Central*** is also available. You get both the paper newsletter and a 3.5 inch disk each month that's filled with useful goodies provided by our subscribers and guests.

In addition we publish 5 3.5-disk-based publications. See the listings inside for prices: ***8/16-Central,*** for Apple II and Apple IIgs programmers (front page), ***TimeOut-Central,*** for AppleWorks and TimeOut users (listed under **AppleWorks**), ***Stack-Central,*** for HyperStudio users (**HyperMedia**), ***Script-Central,*** for HyperCard IIgs users (**HyperMedia**), and ***Hyperbole,*** a literary and artistic journal on disk (**In General**).

Resource-Central Disk Sampler

Latest issue of *A2-Central* on disk, *8/16-Central, TimeOut-Central, Script-Central,* and *Stack-Central,* and *Hyperbole* sample disks.

RC-SAMP **Resource-Central Disk Sampler** $15.00

Back Issues

Back issues of all our publications are available singly or in sets. Back issue sets are listed in the catalog with each publication. One of the best deals anywhere is the full set special we offer for ***A2-Central.*** You get every issue we've ever published, on your choice of paper or disk, for just $39. It's a wonderful intro to the world of Apple computing.

Assembly language tools

Assemblers

RW-002	***Merlin 8/16 (DOS 3.3, ProDOS 8, GS/OS)***	(1/90)	$99.00
BW-005	***ORCA/M Assembler***	(11/90)	$42.00
BW-008	***Merlin to Orca Source Converter***	(11/90)	$18.00

Disassemblers

BW-007	***ORCA Disassembler***	(11/90)	$30.00

Debuggers

PD-002	***ProDev 65816 Debugger for IIgs***	(3/91)	$189.00

Books (also see 6502 assembly language)

CB-002	***Wagner: IIgs Machine Lang for Beginners***	(8/88)	$19.95
DS-005	***disk for this book (3.5)***		$15.95
SS-005	***Lichty/Eyes: Programming the IIgs in Asm Lang***		$29.95
DS-008	***disk for this book for APW***		$20.00
DS-009	***disk for this book for Merlin***	(11/90)	$10.00
DS-010	***disk for this book for Orca/C***	(11/90)	$20.00

High-level language tools

HyperTalk

AP-002	***HyperCard IIgs***	(3/91)	$99.00

Pascal

BW-001	***ORCA/Pascal***	(11/90)	$90.00
BW-002	***Byte Works Learn to Program in Pascal Tutorial***	(11/90)	$50.00

C

BW-003	***ORCA/C***	(11/90)	$90.00
BW-004	***Byte Works Learn to Program in C Tutorial***	(11/90)	$50.00

BASIC

MS-001	***Micol Advanced BASIC for the IIgs***	(1/90)	$99.00

Hard Disk Drives

Hard drive books

CO-001	***CompuShare: Hard Drive Guide***	(5/91)	$14.95
NA-002	***Apple Hard Disk Primer***	(9/90)	$16.95

Internal hard drives (include SCSI card)

CT-CID20	***CIRTECH 20-meg internal hard drive***	(5/90)	$695.00
CT-CID40	***CIRTECH 40-meg internal hard drive***	(5/90)	$845.00

External hard drives (require SCSI card)

A2-007	***Resource Central 50 Meg***	(7/91)	$479.00*
A2-005	***Resource Central 100 Meg***	(5/91)	$599.00*
A2-006	***Resource Central 42 Meg Removable Media***	(5/91)	$699.00*
DC-007	***extra cartridges for 42 Meg drive***	(5/91)	$99.00
*	***Surface shipping to Canada or APO/FPO adrs***		$10.00
*	***Surface shipping to other points outside U.S.***		$20.00

SCSI cards

AP-001	***Apple High-Speed SCSI card***	(5/91)	$119.00
CT-SC	***CIRTECH SCSI card***	(5/91)	$129.00
CV-001	***RAMfast SCSI card***	(5/91)	$209.00

Disk management utilities

CH-001	***Chinook Utilities for Apple SCSI cards***	(1/90)	$30.00
GB-001	***Prosel 8 (for IIe/IIc; 3.5 disk, 5.25 on request)***	(1/90)	$40.00
GB-002	***Prosel 16 (for IIgs, includes Prosel 8 features)***	(1/90)	$85.00
VI-002	***Salvation: Guardian (Backup Utility)***	(10/90)	$37.00
VI-003	***Salvation: Renaissance (Optimization Utility)***	(10/90)	$37.00
VI-004	***Salvation: Exorciser (Virus exterminator)***	(10/90)	$34.00
VI-005	***Salvation: Wings (Program selector)***	(10/90)	$59.00
VI-007	***Salvation: Deliverance (Fix/edit disks)***	(12/90)	$37.00

Hard drive parts

DC-001	***Leadman case; 120 or 220V, 60W***	(1/90)	$124.00*
RC-004	***SCSI cable, Seagate drive to SCSI card***	(1/90)	$30.00
DC-002	***Seagate ST-296N-1 80meg SCSI assembly***	(1/90)	$519.00*
*	***Surface shipping to Canada or APO/FPO adrs***		$25.00
*	***Surface shipping to other points outside U.S.***		$30.00

Memory Expansion Cards

IIgs memory expansion slot cards

	Chinook (5/90) RAM 4000		CVTech (3/91) GS-Memory		Cirtech (9/90) Primo	
0K (empty)	CH-002-0	$94.00	CV-002-0	$99.00	CT-P0	$105.00
1 Megabyte	CH-002-1	$164.00	CV-002-1	$169.00	CT-P1	$175.00
2 Megabytes	CH-002-2	$234.00	CV-002-2	$239.00	CT-P2	$245.00
3 Megabytes	***not available***		CV-002-3	$309.00	***not available***	
4 Megabytes	CH-002-4	$374.00	CV-002-4	$379.00	CT-P4	$385.00

Standard slot cards for IIe or IIgs

PR-16-1	***Cirtech PR-16, 1 Meg, expands to 4 meg***	(9/88)	$439.00
SD-4	***Cirtech StatDisk, 512K (Battery backed-up static***	(10/88)	$389.00
SD-8	***1 Meg RAMdisk, fast, quiet, extremely reliable)***		$699.00

Memory chips

DRAM-256	***Set of 8 256K chips for standard memory cards***	$25.00
DRAM-1	***Set of 8 1-meg chips for standard memory cards***	$70.00
SIMM-1	***1-meg SIMM for Macintosh (System 7 needs lots of RAM)***	$70.00
SRAM-32	***Set of 2 chips for StatDisk (64K)***	$30.00

AppleTalk Networks

Printers

Other Peripherals

Other Topics

Sorry, no room this month. See last month's catalog

Resource Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your publication.

September 1991

Summer Conference Tapes

A2-Central Summer Conference Tapes Only $4 per tape!

(Fine print: sold only in sets of 3 or more)

Sorry Bobo, you've already missed the *best* part of our summer conference (staying up all night in the Avila dorms). However, you can still *hear* the sessions you missed. This year we also have the handouts for most of the sessions, which we'll send you along with your tape. This year we're offering these tapes for just $4 apiece, however, you must order at least three. (Session descriptions are from our conference schedule.)

Multimedia

New Horizons For The Apple IIgs

Roger Wagner's keynote address to the conference. Wagner will discuss developer opportunities in multimedia while demonstrating that the Apple IIgs is the best multimedia platform available today.

AT1-01 Roger Wagner

New HyperCard Market -- HyperCard IIgs

Big returns on small investments! Get detailed technical information for creating products based on HyperCard IIgs. See how to convert between Macintosh stacks and Apple IIgs stacks to expedite tapping both markets. Explore the differences between Macintosh and Apple IIgs XCMD/XFCNs.

AT1-15 Apple Computer

Media Integration And The Apple IIgs

A showcase of the new media integration tools available for the Apple IIgs computer. Don't be left behind! See how easy it is to bring your applications alive with laser discs, CD players, video, and sound!

AT1-40 Tim Swihart, Apple Computer

Creating Commercial-Quality Stacks With Hyperstudio

More and more companies are turning to the flexible hypermedium of HyperStudio as their vehicle for information presentation. This presentation, given by two experienced stack developers, will help you get the most out of HyperStudio and achieve the highest quality product possible. Topics covered will include stack design, button tricks, embedded XCMDs, and licensing.

AT1-35 Eric Mueller, Jay Jennings

Scripting With HyperStudio

If you're interested in doing scripting with HyperStudio, be sure and attend this session. You'll explore exciting new HyperStudio add-ons that give you the chance to create complete programs that can be summoned at the click of a button.

AT1-37 Jeff Smith

Sound Wave Secrets

The 'S' in IIgs isn't taken advantage of sometimes. After attending this session you'll know more about sounds than you ever thought possible. Learn correct digitizing techniques, and choosing samples effectively.

AT1-29 HangTime

Artwork For The Non-Artist

Learn how to create screens and clip-art for use in hypermedia programs and other applications.

AT1-36 Bo Monroe

Fontastics

This session is led by one of the most knowledgeable men in the IIgs world when it comes to fonts. Current and future font technology will be discussed. A question and answer session will follow the lecture.

AT1-05 Mark Collins

Creating HyperCard IIgs XCMD's

If HyperCard IIgs won't sit up and bark they way you think it should, maybe you need to turn to the power of XCMDs. You'll find all the information needed to program these extensions to HyperCard IIgs in this session.

AT1-39 Mike Nuzzi

News from Apple

Apple II - What's New?

See and hear how newly announced products in the Apple II family make life easier for developers. Apple II experts will concentrate on system software enhancements as well as newly announced networking capabilities. Learn what's up to make the Apple IIgs more accessible to users with disabilities.

AT1-02/03 Apple Computer (2 tapes)

Apple II Product Marketing Update

Apple's evangelist for the Apple II, Rob Barnes, will speak on Apple's view of the Apple II product line and of current opportunities for developers.

AT1-41 Rob Barnes, Apple Computer

Apple IIgs Stuff

Developing And Debugging Apple II Software

Learn about the brave new world of debugging and prototyping tools for the Apple II family. We'll show you how to take advantage of what's available now.

AT1-31 Apple Computer

Apple IIgs Animation Class 101

This lecture and Q&A session will cover basic graphics and animation on the Apple IIgs. Topics will include:

1. General overview of IIgs video hardware.
2. Layout of SHR video memory.
3. Pixel data, reading and writing.
4. Scan line control bytes, including fill mode.
5. Color palette data.
6. Use of QuickDraw II to do graphics and animation.
7. Basic direct screen bitmap animation (draw, show, erase).

Animation library routines for Assembly, Pascal, and C will be distributed.

AT1-04 Lane Roath, Nate Trost

Apple IIgs Animation Class 210

This session will cover the most advanced graphics and animation techniques available on the Apple IIgs computer. Topics will include:

1. Using only one register to index both the screen and the image.
2. Double buffering for flicker-free animation.
3. Use of third SHR buffer for static background erasing.
4. Use of a single SHR buffer for greater speed.
5. Mapping the stack onto the direct page for quick erases.
6. Mapping the stack and direct page onto the SHR screen for fast updates.
7. Complete control over compiled shapes.
8. 3200 color picture displaying.

AT1-27 Bill Heineman, Lane Roath, Chris McKinsey, Nate Trost

Graphics And Sound Lab

This session is the equivalent of the Apple II DTS Bug-Busting room, except this is dedicated to sound, graphics, and animation. Attendees can bring graphics, animation, or sound code that they're having problems with, or code that needs optimizing, and the session leaders will "fix" it. The session leaders will also use this time to release any code/programs that they wish to make public. A shape compiler contest will be held and the "official" 1991 KansasFest game will be hacked during this session. Artists and programmers are requested to help out.

AT1-26 Bill Heineman, Lane Roath, Chris McKinsey, Nate Trost

Multi-player Games And The IIgs

The Apple IIgs is an ideal candidate for multi-player games with its serial ports and built-in AppleTalk ability. This session will focus on the advantages of doing multi-player games in general and on the IIgs in particular. GS to GS, and GS to other platform connections, pitfalls to avoid, and game ideas and design will be discussed.

AT1-14 Lane Roath

Breaking The Super Hires 16 Color Barrier

This lecture and Q&A session will cover SHR images that use more than 16 colors. The topics covered will include:

1. Discussion of using multiple palettes.
2. Scan line control bytes and how to use them.
3. Display techniques for 3200 color pictures (sample source included).
4. Hints and techniques for maximizing processor time.
5. Outline of the current file formats for 256 and 3200 color pictures.
6. Painting pictures in 256 and 3200 colors (using DreamWorld Software).

AT1-18 Jason Anderson, Steven Chiang

Programming The Ensoniq Sound Chip

This topic is intended for those who require more power than the Apple IIgs sound tools offer, or those simply interested in the Ensoniq's low-level operation. Topics will include:

1. Overview and study of the 4 basic sound registers.
2. Transferring data to/from the DOC RAM.
3. Playing DOC waveforms using oscillators.
4. Problems with 32K waveform size boundary.
5. Use of interrupts to overcome 32K boundary.
6. Use of interrupts for timing and sequencing.

AT1-06 Bill Heineman, Chris McKinsey

Correctly Programming NDA's

The author of Deskpak V2.0 will show you how to easily and painlessly create NDAs that abide within the system in perfect harmony with other programs. You'll also see how to create NDAs that use resources.

AT1-17 Bryan Pietrzak

Programming With Resources

All the information needed to fully implement resources in your applications. Includes tips and techniques that make working with resources easy and painless.

AT1-28 Marc Wolfgram

Applesoft

Advanced Applesoft Programming

This presentation will feature professionally performing routines for reading disk directories, determining disk drives available, mouse interfacing in text-based applications, taking advantage of boolean math techniques, and more.

AT1-30 J. Eric Bush

Assembly Language

The Text Editor From Hell

In this 8-bit assembly workshop you'll see the algorithms, data structures, and code necessary to implement an extensible "mini text editor" with scrolling and word wrap. Disks and handouts containing source code and other illuminating material will enlighten and excite you. Even 16-bitters can learn something, though all code presented will be 8-bit.

AT1-24 Jerry Kindall, Quality Computers

Optimizing 65xxx Assembly Language Code

Session geared toward intermediate assembly language programmers with a fair amount of exposure to the 65xxx

Continued on next page...

Summer Conference Tapes, Continued

who are interested in finding out ways to write their code more effectively and efficiently. Special attention will be given to making existing code run faster and recognizing and removing unnecessary code.

AT1-22 Albert Neuberger

Fast Math In Assembly Language

The session will show and discuss some of the fastest multiplication and division routines available for the IIgs, and in many cases (with modifications that will be shown), will work with an 8-bit Apple II. Also discussed: doing fast multiplication with constants, a technique for doing quick math calculations on functions (sin/cos), and applying sample code to graphics - especially 3-D animation.

AT1-09 Albert Neuberger

Structured Assembly Language Preprocessor

This session describes the new public domain programming tool that enables assembly language programmers to easily use structured techniques when writing their code.

AT1-20 Paul R. Santa-Maria

Debugging Tools And Techniques

This is for all programmers who are not writing bug-free code. Focus is on debugging at the machine code level. This implies assembly language programmers although the techniques discussed may also be applied to users of high level languages, particularly if the programmers have an intimate understanding of the machine code generated by their compiler.

AT1-21 Chuck Kelly

UltraMacros

Stump The UltraMacros Author

Bring your hardest AppleWorks/UltraMacros questions with you and fire them off at Randy Brandt. If he can't answer your questions you'll be regarded far and wide as one of the smartest people at KansasFest.

AT1-25 Randy Brandt, JEM Software

AmperMacros

AmperMacros is an extension to the UltraMacros programming language. It allows the addition of new commands via the '&' function in UltraMacros version 3.0/3.1 This session will include:

1. Installation of AmperMacros and subsequent starting of AppleWorks.
2. Calling an amper-command from a macro.
3. General amper-command syntax.
4. Advantages and disadvantages of programming with AmperMacros.
5. Commands currently available.

AT1-08 Douglas Gum

Telecommunications

ShrinkIt, ZModem, and A Surprise

This session will cover current and future changes to ShrinkIt, implementing ZModem correctly in telecommunication programs, and a surprise.

AT1-23 Andy Nicholas

How To Send E-Mail & Files Free, Or Almost Free, To A Million Of Your Closest Friends

This session will demonstrate the finer points of using e-mail on GEnie and the Proline network. With Proline's feeds into Compuserve, MCI Mail, and AppleLink, along with the 230,000 subscribers on GEnie, computer users can send and receive mail from over a million other persons, all at a minimal cost.

AT1-16 Phil Shapiro

The Apple II - A Computer For Total Communication

This presentation will cover using the Apple II for communications. This includes modem technology and desktop publishing. International communications using the computer will also be covered.

AT1-33 Al Martin, Vladimir Fedorov

Company-specific

Applied Engineering's Assessment Of The Apple II Market

The truth behind the wild rumors and accusations regarding one of the oldest Apple II third-party companies will be answered in this session.

AT1-10 Tom Milks, Applied Engineering

Introduction To The Mensch Microcomputer

Discussion of a proposed consumer component computer to be built around the W65C265 microprocessor.

AT1-11 Bill Mensch

The Networked Apple II

Session will include a demonstration of the EasyShare IIx menu system and the LANpro DOS network server. You will be able to see DOS 3.3 products loaded and launched on AppleShare. You will be able to see GS/OS products launched on a network, without previously booting GS/OS. You will be able to see an Apple II outperforming a Macintosh as a network server.

AT1-19 Brian Walker

AccuDraw - Or Why The Apple IIgs And Macintosh Still Get Jealous Of The IIe

Users who are interested in doing design work on the Apple II, or programmers who need to see what the Apple II can do with class, should attend this session. Some features of the AccuDraw program include drawings up to 26 by 26 screens, cut and paste with the ability to rotate the paste in 90 degree increments, and scores of other functions.

AT1-07 Guy Forsythe

New Products: Micol Advanced Basic And Other Really Neat Stuff

Three new products will be shown.

1. New version of MAB for gs.
2. Micol desktop and window toolkit for IIe and IIc.
3. Liberty disk drive, 1.6 megabytes under ProDOS–reads and writes MS-DOS disks.

AT1-38 Ron Lewin, Vladimir Fedorov

Two Dozen Dumb Orca Tricks

This potpourri of hints and tips will be invaluable to anybody who uses the Orca line of products to program with. This session will include extensive audience participation, so bring your favorite tricks to share.

AT1-32 Mike Westerfield, The Byte Works

Other Stuff

Now That The Program Is Written, How Do I Sell It?

This presentation will be participant-led, but major topics to cover include:

1. Who is buying software and how much they pay.
2. Selling outright vs. royalties.
3. Running your own company.
4. Why you need dealers — and how to get them.
5. What do you want: money, or your name in lights?

AT1-13 Guy Forsythe, Randy Brandt

DIY (Document It Yourself)

The perfect hardware or software product is worth nothing if the instructions are incomprehensible. This session will provide you with hints and pointers for producing solid and usable manuals that will increase the value of your product.

AT1-07 Jerry Kindall

Hot Stuff

A2-Central Summer Conference Tapes Here's how to get them free!

During August and September we'll send you a conference tape of your choice FREE for each $50 you spend on books, hardware, or software with us. Spend at least $50, get one tape. Spend at least $100, get two tapes, and so on. You must list the tapes you want on your order form. We must get your order by September 30. You can't count money you send in for subscriptions or back issues, only books, hardware, or software. If you don't know what to buy, here's what's been hot this summer:

Resource Central Hard Drives

Fast, reliable, and software-packed.

A2-007	***Resource Central 50 Meg***	$479.00*
A2-005	***Resource Central 100 Meg***	$599.00*
AP-001	***Apple SCSI card***	$119.00
CV-001	***RAMfast SCSI card***	$209.00
*Surface shipping to Canada or APO/FPO adrs		$10.00
*Surface shipping to other points outside US		$20.00

Zip IIgs Accelerator

8 MHz, 16K cache. Add speed to your system!

ZC-001 ***Zip Accelerator*** $199.00

CVTech GS-Memory cards

Add your 1 meg Apple card into the CVTech's 1 to 4 megs with complete DMA compatibility.

CV-002-1	***CVTech GS-Memory 1 Meg***	$169.00
CV-002-4	***CVTech GS-Memory 4 Megs***	$379.00

Magnavox RGB Monitor

For your IIgs. 2 year warranty. Not much more money than fixing your blank Apple monitor.

DC-003	***Magnavox RGB Monitor***	$319.00*
RC-005	***IIgs RGB cable***	$23.00

Supra2400 baud modem

Our most popular modem. Isn't it time for you to get online? An entire community awaits you.

SC-001 ***Supra 2400*** $119.00*

TotalControl

Brand new from Randy Brandt's JEM software, this is the ultimate add-on package for the AppleWorks 3.0 database. *TotalControl* gives you mastery over the Data Base REVIEW/ADD/CHANGE module.

JE-010 ***TotalControl*** $49.95

Jason Harper's Super Convert

If you've used Jason Harper's shareware *Convert*, you'll know the basic idea here, but you won't believe the additions.

SH-003 ***Super Convert*** $39.95

Chaos in the Laboratory

This is David Vernier's sequel to *How to Build a Better Mousetrap*, which many of you have purchased from us. It's a book of science projects based on Apple II computers (even the II-Plus!). The title project shows you how to use an Apple II to study chaotic behavior.

VS-002 ***Chaos in the Laboratory*** $25.95

Modunet Network Connectors

Make another Mac a IIgs peripheral today!

OE-001 ***ModuNet 8 pin*** $34.95

New Stuff

How much would you give to have AppleWorks on that clone they make you use at work?

SuperWorks

At our summer conference we took aside several groups of people and showed them *SuperWorks* running on a MS-DOS clone. There were gasps all around every time. *SuperWorks* is a keystroke-for-keystroke, screen-for-screen clone of AppleWorks.

Oh sure, there are a few differences, some good, some bad. I'll list them all here for you in a moment. **But first I want to impress you with the idea that this is probably the only MS-DOS program you'll ever encounter that you already know how to use.** Just press ALT on the IBM keyboard instead of OPEN-APPLE and you've got AppleWorks, right down to word-for-word help screens.

The bad differences: So far we've noticed a few differences between AppleWorks and SuperWorks that we don't like. For example, there's no *TimeOut Series* for *SuperWorks*. Some of the TimeOut functions are built into the program, including a macro language, a telecom module, file encryption, and several more, but that's it, at least for now. There's no spell checker. The program requires that you have a special connector plugged into your clone's printer port. The connector comes in the box with the program. You plug your printer into the connector. Without the connector, the program won't run. This isn't copy-protection, but it does make you buy one program per computer. The last thing we don't like is that while *SuperWorks* can read AppleWorks files, AppleWorks can't read *SuperWorks* files, which means you can't carry work between AppleWorks at home and *SuperWorks* at the office.

The good differences: Word Processor: You can take advantage of *SuperWorks'* full color support to make it easier to read and understand what's on the screen. The word processor scrolls right and left to allow you to see what lines greater than the screen width look like. On-screen support for proportional fonts. Mouse controls cursor.

Database: 250 categories per database, not 30. Add or delete categories without losing layouts and reports. Add frames around items in single-record layout. Imports DBase III files.

Spreadsheet: Imports Lotus files. Worksheets can be connected into three-dimensional models. 5,000 rows, 256 columns. Automatically prints large spreadsheets in strips. Does iterations.

Desktop: 126 files on the desktop at once. As in AppleWorks 3.0, the clipboard can transfer data between any modules. In *SuperWorks* you can also see the contents and size of the clipboard and transfer the disk directory listing to the clipboard.

Works on all IBM-PC/XT/AT/PS compatibles with at least 256K of RAM and one disk drive. Works with most TSRs, if you know what those are. Fast and friendly, just like the original.

RT-001 ***SuperWorks*** $199.00

Talking Tools

Talking Tools is a text-to-speech program for the Apple IIgs published by the Byte Works. Anything you can type can now be spoken by your Apple IIgs, in a variety of voices. No additional hardware is required. Includes *SpeakIt*, a desktop program that lets you exercise your Apple's voice, as well as extensive interface files for ORCA languages (and samples) that let you add speech to your programs.

BW-009 ***Talking Tools*** $49.95

Using the DeskJet 500 Printer with AppleWorks

Hewlett-Packard's DeskJet 500 is a letter-quality inkjet printer that's reasonably priced. It works quite readily with an Apple II, but to use it with AppleWorks you have to define a custom printer. If you're not sure how to do this, this little manual by Dino Bagdadi is for you. Includes many AppleWorks screen shots and lots of info on the DeskJet to get you going. **No, you don't need Hewlett-Packard's Epson interface to use this printer!**

DB-001 ***Using DeskJet w/ AWorks*** $20.00

MicroDot

MicroDot is for those of you who are producing commercial programs, using Applesoft and ProDOS. If you're having trouble cramming all the features you'd like to have into the RAM space available, *MicroDot* can help. *MicroDot* is a 3K replacement for the 10K Basic.system file. Programs access files with & commands rather than PRINT D$. Includes many features missing from Basic.system, including fast program overlays, disk formatting, and graphic packing/unpacking. Inexpensive publisher's license available.

KS-001 ***MicroDot*** $29.95

Back by popular demand

by Special Arrangement with Addison-Wesley and Apple Computer

Apple IIgs Technical Library Set--$49.95

Plus: $10 off Toolbox Vol 3 & GS/OS Reference Manual!

Limited Time Offer--Available only through Resource Central!

Once again, subscribers to Resource Central publications can get all six books at the heart of the Apple IIgs Technical Library—a $148.70 value—for just $49.95 plus postage.

The six books include:

Technical Introduction to the Apple IIgs
Programmer's Intro to the Apple IIgs
Apple IIgs Toolbox Reference, Volume I
Apple IIgs Firmware Reference Manual
Apple IIgs Hardware Reference Manual
Apple IIgs Toolbox Reference, Volume II

These are the official manuals written by Apple Computer and published by Addison-Wesley as part of the Apple Technical Library series.

A year ago we sold hundreds of these sets. If you bought a set last year or if you buy a set this year, you're also entitled to buy the new *Apple IIgs Toolbox Reference, Vol III* or the new *Apple IIgs GS/OS Reference* for $10 off the regular price — an additional savings of up to $20. This offer is available only from Resource Central and expires September 31, 1991.

Together, these eight books weigh nearly 25 pounds—over 11 kilograms. Please select your choice of shipping method and cost:

		regular price	special price
AW-SET	**Apple IIgs Library Set**	$148.70	**$49.95** plus shipping

and, with purchase of Library Set (last year or now):

AW-036	**Apple IIgs Toolbox Vol 3**	$39.95	**$29.95** plus shipping
AW-041	**Apple IIgs GS/OS Reference**	$28.95	**$18.95** plus shipping

Shipping costs

	AW-SET	AW-036	AW-041
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U.S. (4th Class Book Rate)	$7.00	free	free
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Elsewhere	$11.50	$3.00	$1.00
AIRMAIL			
U.S. (First Class, use for APO/FPO)	$15.00	$7.00	$4.00
Canada	$20.00	$10.00	$6.00
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Elsewhere	$91.00	$41.00	$23.00

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Ordering Information

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Ordering Information

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Resource Central, Inc.
P.O. Box 11250
Overland Park, KS 66207
913-469-6502 fax:913-469-6507

Publications

Our flagship publication is the 8-page monthly newsletter ***A2-Central.*** It's designed to be an international information clearinghouse for Apple II users of every persuasion. Subscription prices are listed in the **In General** section of this catalog.

A newsletter/disk subscription to ***A2-Central*** is also available. You get both the paper newsletter and a 3.5 inch disk each month that's filled with useful goodies provided by our subscribers and guests.

In addition we publish 5 3.5-disk-based publications. See the listings inside for prices: ***8/16-Central,*** for Apple II and Apple IIgs programmers (front page), ***TimeOut-Central,*** for AppleWorks and TimeOut users (listed under **AppleWorks**), ***Stack-Central,*** for HyperStudio users (**HyperMedia**), ***Script-Central,*** for HyperCard IIgs users (**HyperMedia**), and ***Hyperbole,*** a literary and artistic journal on disk (**In General**).

Resource-Central Disk Sampler

Latest issue of *A2-Central* on disk, *8/16-Central, TimeOut-Central, Script-Central,* and *Stack-Central,* and *Hyperbole* sample disks.

RC-SAMP	**Resource-Central Disk Sampler**	$15.00

Back Issues

Back issues of all our publications are available singly or in sets. Back issue sets are listed in the catalog with each publication. One of the best deals anywhere is the full set special we offer for ***A2-Central.*** You get every issue we've ever published, on your choice of paper or disk, for just $39. It's a wonderful intro to the world of Apple computing.

About this listing

Everything we carry doesn't even begin to fit in this catalog anymore, so if what you want isn't here, call us! We have most of the books about the Apple II that are in print, lots of hard-to-get software, and hardware like our own Resource Central hard drives.

Publications

A2-Central

A2-1	***A2-Central*** 12 issues/yr, 8 pages	1 year	$28.00
A2-2	**An international clearinghouse of information for users of all**	2 years	$54.00
A2-3	**types of Apple IIs. Winner of Best Apple II Publication award.**	3 years	$78.00

A2-Central on disk

AD-1	***A2-Central*** on disk12 issues/yr, paper newsletter & 3.5 disk	1 year	$84.00
AD-2	**Our award-winning newsletter plus a monthly disk**	2 years	$162.00
AD-3	**filled with the best stuff we find online and in our mailbox.**	3 years	$234.00

Hyperbole

HB1	***Hyperbole*** 6 issues/yr, 3.5 disk, requires IIgs	1 year	$42.00
HB2	**A multimedia magazine on disk.**	2 years	$81.00
HB3	**There's nothing else like it anywhere!**	3 years	$117.00

TimeOut-Central

TO1	***TimeOut-Central*** 6 issues/yr, 3.5 disk only	1 year	$42.00
TO2	**Editor Randy Brandt of Beagle & UltraMacros fame gives you**	2 years	$81.00
TO3	**the latest AppleWorks & TimeOut tips, macros, and wares.**	3 years	$117.00

Stack-Central

SC1	***Stack-Central*** 6 issues/yr, 3.5 disk only	1 year	$42.00
SC2	**The latest tips and news for creators of HyperStudio**	2 years	$81.00
SC3	**stacks. Tutorials, examples, clip art & sounds, and more.**	3 years	$117.00

Script-Central

HC1	***Script-Central*** 6 issues/yr, 3.5 disk only	1 year	$42.00
HC2	**All about Apple's HyperCard IIgs and HyperTalk, its scripting**	2 years	$81.00
HC3	**language. Your letters, our XCMDs, Tools, Buttons – awesome!**	3 years	$117.00

8/16-Central

ES1	***8/16-Central*** 12 issues/yr, 3.5 disk only	1 year	$69.00
ES2	**The premier publication for Apple II programmers.**	2 years	$135.00
ES3	**Articles with demos and on-disk source code you can use.**	3 years	$198.00

Back Issues

A2-Central

FS-N	Full set of back issues in bound annual volumes and singles	$39.00
FS-D	Full text of paper back issues on 3.5 disks	$39.00
OA-001	***Volume 1*** January 1985 – Jan 1986	$9.95
OA-002	***Volume 2*** February 1986 – Jan 1987	$9.95
OA-003	***Volume 3*** February 1987 – Jan 1988	$9.95
OA-004	***Volume 4*** February 1988 – Jan 1989	$9.95
OA-005	***Volume 5*** February 1989 – Jan 1990	$14.95
OA-006	***Volume 6*** February 1990 – Jan 1991	$14.95

A2-Central on disk

AD89FS	Annual Sets: 12 back issue disks Feb 89 to Jan 90	$60.00
AD90FS	Annual Sets: 12 back issue disks Feb 90 to Jan 91	$60.00

Quarterly Sets	Feb/Mar/Apr	May/Jun/Jul	Aug/Sep/Oct	Nov/Dec/Jan	
1989	AD89S1	AD89S2	AD89S3	AD89S4	$18.00
1990	AD90S1	AD90S2	AD90S3	AD90S4	$18.00
1991	AD91S1	AD91S2			$18.00

Hyperbole

HB-91S1	Semiannual disk set (Feb/Apr/Jun 91)	$20.00
HB-SAMP	***Hyperbole*** Sampler Disk (free with subscription)	$3.00

TimeOut-Central

TO90S1	Semiannual disk set (Sep/Nov/Mar 91)	$18.00

Stack-Central

SC90S1	Semiannual disk set (Feb/Apr/Jun 90)	$20.00
SC90S2	Semiannual disk set (Aug/Oct/Dec 90)	$20.00
SC91S1	Semiannual disk set (Feb/Apr/Jun 91)	$20.00
SC90FS	Annual disk set (Feb 90 to Dec 90)	$36.00

Script-Central

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HC3	**language. Your letters, our XCMDs, Tools, Buttons – awesome!**	3 years	$117.00

8/16-Central

ES90S1	Quarterly disk set (Mar/Apr/May 90)	$15.00
ES90S2	Quarterly disk set (Jun/Jul/Aug 90)	$15.00
ES90S3	Quarterly disk set (Sep/Oct/Nov 90)	$15.00
ES90S4	Quarterly disk set (Dec/Jan/Feb 91)	$15.00
ES91S1	Quarterly disk set (Mar/Apr/May 91)	$15.00
ES91S2	Quarterly disk set (Jun/Jul/Aug 91)	$15.00
ES90FS	Annual disk set (Mar 90 to Feb 91)	$54.00

Resource Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your publication.

October 1991

Multimedia Halloween Specials

This offer expires at midnight on Halloween, Oct 31!

Get *HyperCard IIgs* or *HyperStudio* for just $79 with a one-year subscription to ***Script-Central*** or ***Studio City***

The hottest multimedia machine on the face of the earth is the Apple IIgs and the hottest publications for multimedia authors are our own ***Script-Central*** and ***Studio City*** (formerly ***Stack-Central***). If you're missing out on the multimedia action, you need to get Apple's *HyperCard IIgs* or Roger Wagner Publishing's *HyperStudio*, which are fueling the multimedia future of the Apple IIgs.

To help you get on the bandwagon, we're extending our hand with the lowest prices for *HyperCard IIgs* and *HyperStudio* that you're likely to see anywhere. Just $79 gets you either package. There are two catches to this deal. The first is that we have to have your order in our office by midnight on Halloween, October 31. The second is that you also have to get a 1-year subscription to the multimedia publication we offer for the software you choose. Of course, these catches are no big deal. Multimedia on the IIgs is big, and there's no reason to wait even until Halloween to get started. And if you're going to get involved with multimedia, you'd want our publications anyhow. Each month you get news, tips, tricks, reviews, clip art, clip sounds, tutorials, and actual samples of stacks other people have created. You can use and enjoy the stacks we send you, then you can tear them apart and see how they're put together.

Multimedia, also known as hypermedia, has to do with creating messages using a variety of media, such as text, graphics or art (still or animated), sound and music, and perhaps even video from a camera, videodisc player, or VCR. Multimedia is typically used for presenting information to users who are allowed to explore the material. You can use it to create an interactive tutorial, a computerized slide show, or to develop a complete curriculum. You can use it to organize your family tree, to classify the trees growing in your neighborhood, or to teach your scout troop how to build a footbridge.

HyperCard IIgs is Apple's entry in the multimedia software field. It is based upon the idea of stacks of cards. Each card has a background. You can paint designs on the cards, add text fields, and add buttons that initiate actions when they are pressed. Button actions and other stack features are controlled using a modern object-oriented programming langauge called HyperTalk. This is the same language used in the Macintosh version of HyperCard. The *HyperCard IIgs* package includes six disks and three books, including *Getting Started With HyperCard IIgs*, *HyperCard IIgs Reference*, and *HyperTalk Beginner's Guide*. It requires an Apple IIgs with at least 1.5 megabytes (2 megs or more recommended) and a hard drive or network connection.

Like HyperCard, ***HyperStudio*** allows you to create "stacks" made up of "cards." Each card consists of a graphic background and can also hold text objects, graphic objects, sounds, and buttons. Buttons can be used to move to another card, stack, or program; to play a sound or a segment from a video disk; to activate an animation; or to execute an external assembly language command called an "Xcommand". Buttons can also be used to keep test scores.

The differences between *HyperCard* and *HyperStudio* are that most features of *HyperCard* require the author to use the HyperTalk programming language. Most features of *HyperStudio*, on the other hand, are selected from menus and lists using the point-and-click desktop interface. In addition, *HyperStudio* requires less memory (1.25 megs of RAM required) than *HyperCard* and *HyperStudio* includes a "runtime" package that can be distributed at no charge to people who buy your stacks. If you build stacks with *HyperCard*, your users will have to own *HyperCard* to use your stack. *HyperStudio* also comes with more tools for creating sounds, including a sound digitizing hardware card that doesn't need a slot, a microphone, and a separate program called *Sound Shop* that allows you to edit and add special effects to the sounds you record.

HyperCard IIgs & Script-Central

AP-002	***HyperCard IIgs***	***regular price***	$99.00
HC1	***1-year (6 2-disk issues) of Script-Central***	***regular price***	$42.00
HWHC	***Combination price till midnight Halloween (79+42)***		$121.00

HyperStudio and Studio City

RW-005	***HyperStudio***	***regular price***	$99.95
SC1	***1-year (6 2-disk issues) of Studio City***	***regular price***	$42.00
HWSC	***Combination price till midnight Halloween (79+42)***		$121.00

Final Week!

Both offers expire Sept 30!

FREE A2-Central Summer Conference Tapes

You get 1 tape free for each $50 you spend on books, hardware, or software with us. You must list the tapes you want on your order form (see last month's catalog for complete listing). You can't count money you send in for subscriptions or back issues, only books, hardware, and software.

by Special Arrangement with Addison-Wesley and Apple Computer

Apple IIgs Technical Library Set--$49.95

Plus: $10 off Toolbox Vol 3 & GS/OS Reference Manual!

Available only through Resource Central!

		regular price	special price	
AW-SET	**Apple IIgs Library Set**	$148.70	**$49.95**	plus shipping
	and, with purchase of Library Set (last year or now):			
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Shipping costs

	AW-SET	AW-036	AW-041
SURFACE			
U.S. (4th Class Book Rate)	$7.00	free	free
Canada	$10.00	$2.00	$1.00
Elsewhere	$11.50	$3.00	$1.00
AIRMAIL			
U.S. (First Class, use for APO/FPO)	$15.00	$7.00	$4.00
Canada	$20.00	$10.00	$6.00
Central & South America, Caribbean	$36.00	$17.00	$10.00
Europe	$64.00	$29.00	$17.00
Elsewhere	$91.00	$41.00	$23.00

About this listing

Everything we carry doesn't fit in this catalog anymore, but we got almost everything in this month. The date shown with each item indicates the catalog that has a longer description of the item. We give a full description the first time an item appears in the catalog.

In General

A2-Central

A2-1	***A2-Central*** 12 issues/yr, 8 pages	1 year	$28.00
A2-2	**An international clearinghouse of information for users of all**	2 years	$54.00
A2-3	**types of Apple IIs. Winner of Best Apple II Publication award.**	3 years	$78.00
FS-N	Full set of back issues in bound annual volumes and singles		$39.00
FS-D	Full text of paper back issues on 3.5 disks		$39.00
OA-001	***Volume 1*** January 1985 – Jan 1986		$9.95
OA-002	***Volume 2*** February 1986 – Jan 1987		$9.95
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OA-004	***Volume 4*** February 1988 – Jan 1989		$9.95
OA-005	***Volume 5*** February 1989 – Jan 1990		$14.95
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A2-Central on disk

AD-1	***A2-Central*** on disk12 issues/yr, paper newsletter & 3.5 disk	1 year	$84.00
AD-2	**Our award-winning newsletter plus a monthly disk**	2 years	$162.00
AD-3	**filled with the best stuff we find online and in our mailbox.**	3 years	$234.00
AD89FS	Annual Sets: 12 back issue disks Feb 89 to Jan 90		$60.00
AD90FS	Annual Sets: 12 back issue disks Feb 90 to Jan 91		$60.00

Quarterly Sets	Feb/Mar/Apr	May/Jun/Jul	Aug/Sep/Oct	Nov/Dec/Jan	
1989	AD89S1	AD89S2	AD89S3	AD89S4	$18.00
1990	AD90S1	AD90S2	AD90S3	AD90S4	$18.00

Hyperbole

HB1	***Hyperbole*** 6 issues/yr, 3.5 disk, requires IIgs	1 year	$42.00
HB2	**A multimedia artistic and literary journal on disk.**	2 years	$81.00
HB3	**There's nothing else like it anywhere!**	3 years	$117.00
HB-91S1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
HB-SAMP	***Hyperbole*** Sampler Disk (free with subscription)		$3.00

Books

CO-004	***CompuShare: Your IIgs Guide***	(5/91)	$21.95
CO-003	***CompuShare: GS/OS Guide***	(5/91)	$9.95

AppleWorks

Publications

TO1	***TimeOut-Central*** 6 issues/yr, 3.5 disk only	1 year	$42.00
TO2	**Editor Randy Brandt of Beagle & UltraMacros fame gives you**	2 years	$81.00
TO3	**the latest AppleWorks & TimeOut tips, macros, and wares.**	3 years	$117.00
TO90S1	Semiannual disk set (Sep/Nov/Mar 91)		$18.00
TO91FS	Annual disk set (Sep 90/Sep 91)		$32.00

Software

RT-001	***SuperWorks (MS-DOS AppleWorks clone)***	(9/91)	**NEW**	$199.00

Books

DB-001	***Using the DeskJet 500 Printer with AppleWorks***	(9/91)	**NEW**	$20.00
IN-004	***Wilkin: Best Book of AppleWorks***	(5/90)		$21.95
IN-006	***Aron: Using AppleWorks (Que)***	(6/90)		$21.95
CE-001	***Thomas: ClassWorks***	(8/88)		$49.95
AW-027	***Brown: Using AppleWorks GS***			$19.95

TimeOut UltraMacros

BB-005	***TimeOut UltraMacros (AppleWorks 3.0)***	(12/90)	$49.95
NA-001	***Munz: UltraMacros Primer***	(3/90)	$19.95
MM-002	***Ultra-AppleWorks (UltraMacros tutorial on 3.5 disk)***	(5/91)	$19.95
MM-003	***Ultra-AppleWorks (book, samples on 3.5 & 5.25)***	(5/91)	$24.95
BB-006	***MacroEase (requires UltraMacros 3.0)***	(12/90)	$34.95
MM-001	***Ultra AWesome Macros (requires UltraMacros 3.0)***	(3/91)	$19.95

Enhancements

JE-010	***TotalControl (AppleWorks 3.0)***	(7/91)	$49.95
FW-001	***Elite Fantasy Football Management System***	(8/91)	$79.95
JH-001	***Writeworks (Writer's project management)***	(8/91)	$39.95
JE-007	***DoubleData (AppleWorks 3.0)***	(7/90)	$30.00
JE-008	***Outline 3.0 (AppleWorks 3.0)***	(9/90)	$39.00
JE-005	***Pathfinder (AppleWorks 3.0)***	(7/90)	$20.00
JE-006	***SpellCopy (AppleWorks 3.0)***	(7/90)	$12.50
JE-001	***FlexiCal (AppleWorks 2.x or 3.0)***	(7/90)	$30.00
JE-004	***Mr. Invoice (AppleWorks 3.0)***	(7/90)	$40.00

Patch programs

BB-004	***Beagle AppleWorks 3.0 Companion***	(5/90)	$39.95

Multimedia

Publications

SC1	***Studio City*** 6 issues/yr, 3.5 disk only	1 year	$42.00
SC2	**The lastest tips and news for creators of HyperStudio**	2 years	$81.00
SC3	**stacks. Tutorials, examples, clip art & sounds, and more.**	3 years	$117.00
SC90S1	Semiannual disk set (Feb/Apr/Jun 90)		$20.00
SC90S2	Semiannual disk set (Aug/Oct/Dec 90)		$20.00
SC91S1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
SC90FS	Annual disk set (Feb 90 to Dec 90)		$36.00
HC1	***Script-Central*** 6 issues/yr, 3.5 disk only	1 year	$42.00
HC2	**All about Apple's HyperCard IIgs and HyperTalk, its scripting**	2 years	$81.00
HC3	**language. Your letters, our XCMDs, Tools, Buttons – awesome!**	3 years	$117.00

Books

AW-042	***Apple: Hypercard IIgs Script Guide***	(3/91)	$23.99
AW-034	***Apple: Hypercard Stack Design***		$16.95

Multimedia software

RW-005	***HyperStudio (for IIgs)***	(1/90)	$99.95
RW-009	***HyperStudio Xcommands, Vol 1***	(11/90)	$39.95
GC-001	***Nexus (for IIgs)***	(12/90)	$69.95
AP-002	***HyperCard IIgs***	(3/91)	$99.00

Clip art

RW-007	***HyperStudio Clip-Art, Vol 1***	(11/90)	$19.95
RW-011	***HyperStudio Clip-Art, Vol 2***	(3/91)	$24.95
TV-002	***ClipArt Plus***	(3/91)	$39.95
DS-011	***ClipVision 1.1***	(3/91)	$29.95

Sound

RW-008	***HyperStudio Clip-Sounds, Vol 1***	(11/90)	$19.95
TV-001	***ClipTunes (2 disks)***	(3/91)	$39.95
DS-012	***ClipSounds (10 disks)***	(3/91)	$59.95
DR-002	***SVI MA-100 speakers for the IIgs***	(1/90)	$129.00*
*	***120 volts. Surface shipping to Canada or APO/FPO adrs***		$20.00

Desktop Publishing

Books

WG-001	***White: Graphic Design for the Electronic Age***	(3/89)	$24.95

Desktop Publishing Software

TW-001	***Publish It 4 (Enhanced IIe, any IIc or IIgs)***	(8/91)	$119.00

Optical Character Recognition (Put an end to retyping)

WC-001	***InWords (512K enhanced IIe or IIgs)***	(3/91)	$99.00

Fonts

FC-001	***A2-Central Font Collection***	(3/90)	$39.00
	8 3.5 disks of fonts in ShrinkIt format		

Graphics/Imaging

Imaging

VI-001	***Quickie Scanner***	(10/90)	$219.95
DV-001	***B&W ComputerEyes Video Digitizer (IIe)***	(12/90)	$119.95
DV-002	***Enhancement Software***	(12/90)	$22.95
DV-003	***IIgs Support Software for B&W Computer Eyes***	(12/90)	$22.95
DV-004	***Color ComputerEyes Video Digitizer for IIgs***	(12/90)	$219.95

Graphics

BB-007	***Platinum Paint (for IIgs)***	(3/91)	$79.00
BB-008	***Beagle Draw (for IIgs)***		**NEW** $69.00
SH-003	***Jason Harper's Super Convert (for IIgs)***	(7/91)	$39.95
RW-004	***Graphics Exchange (for IIgs)***	(1/90)	$37.50
RW-012	***Desktop Screen Saver (for IIgs)***	(3/91)	$24.95
RI-001	***Second Chance (image enhancement software, IIgs)***	(11/90)	$39.95

Telecommunications

Telecommunications software

CS-001	***Talk Is Cheap***	(3/90)	$40.00
TH-001	***GEnie Master 4.0 (requires AWorks 3.0 & TIC or Point-to-Point)***		$20.00
KG-001	***Co-Pilot (GEnie interface for IIgs)***	(1/91)	$25.00

Books

CO-002	***CompuShare: Telecommunications Guide***	(5/91)	$12.95

Bundles

CD-002	***U.S. Modem Bundle (SC-001, CS-001, and 1 cable)***	$159.00
CD-003	***Int'l Modem Bundle (SC-002-xx, CS-001, and 1 cable)***	$169.00

Modems

SC-001	***Supra 2400 baud modem (110 volts)***	(1/90)	$119.00
SC-002-AU	***Supra 2400, Australian plug (220 volts)***	(9/90)	$129.00
SC-002-WG	***Supra 2400, German plug (220 volts)***	(9/90)	$129.00
SC-002-UK	***Supra 2400, British plug (220 volts)***	(9/90)	$129.00
DC-008	***ViVa24m 2400 baud MNP 5 modem (110 volts)***	(3/91)	$169.00

Cables

RC-001	***8' cable for IIgs/IIc-Plus***	(1/90)	$15.00
RC-002	***8' cable for older IIc***	(1/90)	$15.00
RC-003	***8' cable for serial cards***	(1/90)	$15.00

IIe/IIc Programming

Publications

8/16-Central, our publication for Apple II programmers, was published monthly from March 1990 to October 1991.

ESBI	Any ***8/16-Central*** back issue on disk	$10.00
ESBI3	Any three ***8/16-Central*** back issues (3 disks at $5 each)	$15.00
ESFS	All ***8/16-Central*** back issues (20 disks at $3.95 each)	$79.00

Applesoft books

AW-040	***Critchfield/Dwyer: Bit of Applesoft*** *	(9/90)	$9.95
AW-038	***Wintermeyer: Applesoft Toolbox*** *	(9/90)	$9.95
AW-039	***Myers: Graphics for the Apple II*** *	(9/90)	$9.95
AW-010	***Apple: Applesoft Tutorial (w/disk)***		$29.95
AW-021	***Apple: Applesoft Programmer's Reference***		$22.95

Other languages

AW-037	***Seiter/Weiss: Pascal for Basic Prgmrs*** *	(9/90)	$12.95
MS-002	***Micol Advanced BASIC for IIe/IIc***	(1/90)	$89.00

ProDOS 8, Applesoft development tools, Technical references, and 6502 assembly language will return next month

IIgs Programming

Publications

8/16-Central, our publication for Apple II programmers, was published monthly from March 1990 to October 1991.

ESBI	Any ***8/16-Central*** back issue on disk	$10.00
ESBI3	Any three ***8/16-Central*** back issues (3 disks at $5 each)	$15.00
ESFS	All ***8/16-Central*** back issues (20 disks at $3.95 each)	$79.00

Technical manuals

Introductory Books

AW-017	***Little: Exploring the Apple IIgs***	(6/88)	$22.95
DS-007	***disk for this book (3.5)***		$20.00
AW-018	***Apple: Technical Introduction to the Apple IIgs***		$9.95
AW-011	***Apple: Programmer's Intro to IIgs (w/disk)***		$32.95

Toolbox manuals

CB-005	***Gookin/Davis: Mastering the IIgs Toolbox***	(8/88)	$19.95
CB-007	***Gookin/Davis: Adv Prog Tech for IIgs Toolbox***	(9/88)	$19.95
AW-019	***Apple: Apple IIgs Toolbox Reference, Vol 1***		$26.95
AW-006	***Apple: Apple IIgs Toolbox Reference, Vol 2***		$26.95
AW-036	***Apple: Apple IIgs Toolbox Reference, Vol 3***		$39.95

Technical references

MH-001	***Fischer: Apple IIgs Tech Ref***	(6/88)	$19.95
AW-022	***Apple: Apple IIgs Firmware Reference***		$24.95
AW-002	***Apple: Apple IIgs Hardware Reference***		$26.95
AW-001	***Apple: Apple Numerics Reference (new edition)***		$29.95
AW-014	***Apple: Human Interface Guidelines***		$14.95

GS/OS

AW-026	***Little: Exploring Apple GS/OS and ProDOS 8***	(1/89)	$21.95
DS-006	***disk for this book (3.5)***		$15.00
AW-041	***Apple: Apple IIgs GS/OS Reference***		$28.95

High-level language tools

HyperTalk

AP-002	***HyperCard IIgs***	(3/91)	$99.00

Pascal

BW-001	***ORCA/Pascal***	(11/90)	$90.00
BW-002	***Byte Works Learn to Program in Pascal Tutorial***	(11/90)	$50.00

C

BW-003	***ORCA/C***	(11/90)	$90.00
BW-004	***Byte Works Learn to Program in C Tutorial***	(11/90)	$50.00

BASIC

MS-001	***Micol Advanced BASIC for the IIgs***	(1/90)	$99.00

Assembly language tools

Books (also see 6502 assembly language)

CB-002	***Wagner: IIgs Machine Lang for Beginners***	(8/88)	$19.95
DS-005	***disk for this book (3.5)***		$15.95
SS-005	***Lichty/Eyes: Programming the IIgs in Asm Lang***		$29.95
DS-008	***disk for this book for APW***		$20.00
DS-009	***disk for this book for Merlin***	(11/90)	$10.00
DS-010	***disk for this book for Orca/C***	(11/90)	$20.00

Assemblers

RW-002	***Merlin 8/16 (DOS 3.3, ProDOS 8, GS/OS)***	(1/90)	$99.00
BW-005	***ORCA/M Assembler***	(11/90)	$42.00
BW-008	***Merlin to Orca Source Converter***	(11/90)	$18.00

Disassemblers

BW-007	***ORCA Disassembler***	(11/90)	$30.00

Debuggers

PD-002	***ProDev 65816 Debugger for IIgs***	(3/91)	$189.00

Universal development tools

SS-007	***Genesys (GS/OS Resource Creator/Editor)***	(6/90)	$90.00
BW-006	***Design Master (GS/OS Resource Creator)***	(11/90)	$57.00
BW-009	***Talking Tools (text to speech pkg for ORCA langs)***	(9/91)	NEW $49.95
AW-033	***Programmer's Online Companion for the IIgs***	(1/90)	$37.50
SS-009	***Edit-16 APW/ORCA/Merlin replacement editor***	(3/91)	$49.95
JE-009	***Rose16 APW replacement editor***	(3/91)	$15.00

Hard Disk Drives

Hard drive books

CO-001	***CompuShare: Hard Drive Guide***	(5/91)	$14.95
NA-002	***Apple Hard Disk Primer***	(9/90)	$16.95

Internal hard drives (include SCSI card)

CT-CID20	***CIRTECH 20-meg internal hard drive***	(5/90)	$695.00
CT-CID40	***CIRTECH 40-meg internal hard drive***	(5/90)	$845.00

External hard drives (require SCSI card)

A2-007	***Resource Central 50 Meg***	(7/91)	$479.00*
A2-005	***Resource Central 100 Meg***	(5/91)	$599.00*
A2-006	***Resource Central 42 Meg Removable Media***	(5/91)	$699.00*
DC-007	***extra cartridges for 42 Meg drive***	(5/91)	$99.00
*	***Surface shipping to Canada or APO/FPO adrs***		$10.00
*	***Surface shipping to other points outside U.S.***		$20.00

SCSI cards

AP-001	***Apple High-Speed SCSI card***	(5/91)	$119.00
CT-SC	***CIRTECH SCSI card***	(5/91)	$129.00
CV-001	***RAMfast SCSI card***	(5/91)	$209.00

Disk management utilities

CH-001	***Chinook Utilities for Apple SCSI cards***	(1/90)	$30.00
GB-001	***Prosel 8 (for IIe/IIc; 3.5 disk, 5.25 on request)***	(1/90)	$40.00
GB-002	***Prosel 16 (for IIgs, includes Prosel 8 features)***	(1/90)	$85.00
VI-002	***Salvation: Guardian (Backup Utility)***	(10/90)	$37.00
VI-003	***Salvation: Renaissance (Optimization Utility)***	(10/90)	$37.00
VI-004	***Salvation: Exorciser (Virus exterminator)***	(10/90)	$34.00
VI-005	***Salvation: Wings (Program selector)***	(10/90)	$59.00
VI-007	***Salvation: Deliverance (Fix/edit disks)***	(12/90)	$37.00

Memory Expansion Cards

IIgs memory expansion slot cards

	Chinook (5/90) RAM 4000		CVTech (3/91) GS-Memory		Cirtech (9/90) Primo	
0K (empty)	CH-002-0	$94.00	CV-002-0	$99.00	CT-P0	$105.00
1 Megabyte	CH-002-1	$164.00	CV-002-1	$169.00	CT-P1	$175.00
2 Megabytes	CH-002-2	$234.00	CV-002-2	$239.00	CT-P2	$245.00
3 Megabytes	***not available***		CV-002-3	$309.00	***not available***	
4 Megabytes	CH-002-4	$374.00	CV-002-4	$379.00	CT-P4	$385.00

Ordering Information

Call us! Voice:913-469-6502 Fax:913-469-6507

Ordering Information

If you received this catalog in the envelope with one of our publications, there was also a one-sheet self-mailer in the envelope. Your name, address, expiration date, and account number are already imprinted on one side of the self-mailer—on the other side you'll find an order form. Please don't send us a photocopy of the form unless you **photocopy both sides.**

If you received this catalog without a self-mailer, write your order on a plain sheet of paper and send it to:

Resource Central, Inc.
P.O. Box 11250
Overland Park, KS 66207
913-469-6502 fax:913-469-6507

Publications

Our flagship publication is the 8-page monthly newsletter ***A2-Central.*** It's designed to be an international information clearinghouse for Apple II users of every persuasion. Subscription prices are listed in the **In General** section of this catalog.

A newsletter/disk subscription to ***A2-Central*** is also available. You get both the paper newsletter and a 3.5 inch disk each month that's filled with useful goodies provided by our subscribers and guests.

In addition we publish 5 3.5-disk-based publications. See the listings inside for prices: ***TimeOut-Central,*** for AppleWorks and TimeOut users (listed under **AppleWorks**), ***Stack-Central,*** for HyperStudio users (**HyperMedia**), ***Script-Central,*** for HyperCard IIgs users (**HyperMedia**), and ***Hyperbole,*** a literary and artistic journal on disk (**In General**).

Resource-Central Disk Sampler

Latest issue of *A2-Central* on disk, *TimeOut-Central, Script-Central,* and *Stack-Central,* and *Hyperbole* sample disks.

RC-SAMP	**Resource-Central Disk Sampler**	$15.00

Back Issues

Back issues of all our publications are available singly or in sets. Back issue sets are listed in the catalog with each publication. One of the best deals anywhere is the full set special we offer for ***A2-Central.*** You get every issue we've ever published, on your choice of paper or disk, for just $39. It's a wonderful introduction to the world of Apple computing.

Memory chips

DRAM-256	*Set of 8 256K chips for standard memory cards*		$25.00
DRAM-1	*Set of 8 1-meg chips for standard memory cards*		$70.00
SIMM-1	*1-meg SIMM for Macintosh (System 7 needs lots of RAM)*		$70.00
SRAM-32	*Set of 2 chips for StatDisk (64K)*		$30.00

Standard slot cards for IIe or IIgs

SD-4	*Cirtech StatDisk, 512K (Battery backed-up static*	(10/88)	$389.00
SD-8	*1 Meg RAMdisk, fast, quiet, extremely reliable)*		$699.00

AppleTalk Networks

Books

IN-002	*Hands on AppleTalk*	(3/90)	$21.95
AW-030	*Apple: Understanding Computer Networks*		$9.95
AW-031	*Apple: AppleTalk Network System Overview*		$14.95
AW-035	*Apple: Inside AppleTalk*		$34.95

Network connectors

OE-001	*ModuNet 8-pin for IIe, IIgs, new Macs*	(1/90)	$34.95
OE-002	*9-pin for old LaserWriters, old Macs*	(1/90)	$34.95

Printers

Books

AW-008	*Apple: ImageWriter II Technical Reference*		$19.95
AW-025	*Apple: ImageWriter LQ Technical Reference*		$22.95
AW-028	*Apple: LaserWriter Reference*		$19.95
TB-012	*LaBadie: Build Your Own Laser Printer*	(7/91)	$16.95
SY-003	*Campbell: The RS-232 Solution, 2nd Ed*	(6/88)	$21.95
CP-001	*East: Handbook of Printer Commands (3 vols)*	(11/88)	$89.95

Dot matrix printers

LC-001	*Laser 190A ImageWriter-compatible serial printer*	(1/90)	$249.00*
LC-003	*Laser 190A ImageWriter-compatible parallel printer*	(1/90)	$199.00*
LC-006	*tractor feed attachment*	(1/90)	$59.95
LC-007	*5 ribbons (fit Laser 190A, Epson LX-80/90 & Olympia NP30 only)*		$14.95

Cables

RC-001	*8' cable for IIgs/IIc-Plus*	(1/90)	$15.00
RC-002	*8' cable for older IIc*	(1/90)	$15.00
RC-003	*8' cable for serial cards*	(1/90)	$15.00
*	*120 volts. Surface shipping to Canada or APO/FPO adrs*		$25.00

GS/OS Printer Drivers

SH-002	*Seven Hills: Independence*	(3/91)	$29.95
VI-006	*Vitesse: Harmonie Printer/Parallel Card Drivers*	(12/90)	$37.00

Troubleshooting and repair

HS-004	*SAMS Computerfacts: ImageWriter I*	(8/88)	$24.95
HS-008	*SAMS Computerfacts: ImageWriter II*	(8/88)	$24.95

Other Peripherals

Accelerators

ZC-001	*Zip GSX Accelerator for IIgs*	(3/91)	$199.00

Batteries

NO-001	*Nite Owl Slide-On Battery Kit for IIgs*	(3/90)	$14.95

Math Coprocessors

IS-001	*Floating Point Engine*	(4/90)	$249.00

3.5 Disks and Drives

AM-001	*AMR 3.5 drive*	(1/90)	$189.00
AM-002	*Laser 3.5 drive controller for IIe*	(1/90)	$59.00
A2-001	*10 generic, blank 3.5 disks*	(4/90)	$9.49
A2-002	*100 blank , continuous labels for 3.5 disks*	(4/90)	$1.99
A2-003	*10 Static-Guard binder storage pages for 3.5 disks*	(4/90)	$9.97

Fans

CTFAN-E	*CIRTECH Cool-It fan for Apple IIe*	(1/90)	$49.00
CTFAN-GS	*CIRTECH Cool-It fan for Apple IIgs*	(1/90)	$49.00

Monitors

DC-003	*Magnavox RGB Monitor for IIgs*	(9/90)	$319.00*
RC-005	*IIgs RGB cable for Magnavox monitor*		$23.00
*	*120 volts. Surface shipping outside U.S.*		$20.00

Other Topics

Desk accessories

SS-008	*Deskpak (IIgs NDA collection)*	(11/90)	$15.00
SH-001	*Disk Access (disk management NDA)*	(11/90)	$30.00
RW-012	*Desktop Screen Saver*	(3/91)	$24.95
RW-010	*Desktop Files Control (disk management NDA)*	(11/90)	$24.00
RW-003	*SoftSwitch (program switcher for IIgs)*	(1/90)	$45.00
RW-006	*MacroMate (universal macros for IIgs)*	(1/90)	$37.50

Education

DR-001	*Diversi-Tune (for IIgs)*	(1/90)	$59.00
SB-001	*GSNumerics (for IIgs)*	(4/90)	$79.95
AW-013	*Snyder: In Search of the Most Amazing Thing*	(6/88)	$10.95
IB-001	*Weishaar: Your Best Interest*	(6/88)	$9.95
VS-001	*Vernier: Build a Better Mousetrap*	(7/88)	$24.95
VS-002	*Vernier: Chaos in the Laboratory*	(7/91)	$25.95
TB-003	*Pellino et al: Science On Your Apple*	(6/88)	$14.95
TB-004	*Horn: Smart Apples*	(6/88)	$12.95

Games

JE-002	*I.O. Silver (5.25 only)*	(7/90)	$20.00
NO-003	*Wraith: Devil's Demise (3.5 only)*	(9/90)	$12.95
TB-010	*Bouncing Bluster II (requires IIgs)*	(5/91)	$59.00
TB-011	*Space Shark (requires IIgs)*	(5/91)	$49.00

Troubleshooting and repair

HS-005	*SAMS Computerfacts: IIc*	(8/88)	$39.95
HS-003	*SAMS Computerfacts: Disk II*	(8/88)	$24.95

Other

SE-002	*DB Master Programmer's Pak*	(5/90)	▼ $49.00
SS-006	*Cross-Works (ProDOS <—> MS-DOS)*	(4/90)	$79.95
TB-009	*Photonix II (requires IIgs)*	(5/91)	$45.00
NO-002	*Night Owl Journal 3.5*	(9/90)	$12.95
FD-001	*Fastdata Pro (full-text search utility)*	(1/90)	$49.95

Resource Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your publication.

November 1991

Holiday Sale, System 6.0 Updates, Hard Drive Prices Fall & More!

Avoid Aftershave & Perfume Holiday Sale

10% off all Books and Games

Once again we'll offer our famous holiday Avoid Aftershave and Perfume sale. Order any book or one of the following games from us between now and Dec 31 and take 10 per cent off the price. The games we carry are:

JE-002	***I.O. Silver (5.25 only)***	(7/90)	$20.00
NO-002	***Shadowforge (Night Owl Journal, 3.5 only)***	(9/90)	$12.95
NO-003	***Wraith: Devil's Demise (3.5 only)***	(9/90)	$12.95
TB-010	***Bouncing Bluster II (requires IIgs; supplies limited)***	(5/91)	$59.00
TB-011	***Space Shark (requires IIgs; supplies limited)***	(5/91)	$49.00

System 6.0 Updates

If you subscribe to ***A2-Central On Disk,*** we can send you a System 6.0 update, as soon as it's released by Apple, for a nominal charge to cover disks and shipping. System 6.0 will come on four disks. Apple is also planning a 5-disk version; the fifth disk is a preconfigured 800K disk for users without hard drives. Your order will be considered an addendum to your subscription. The disks will be sent to you under license by Apple as a part of your subscription. Disks will be mailed to you within a week of release of System 6.0 by Apple. When's that? "When it's done!" according to product manager Tim Swihart. We're betting on early January.

S6-4	***IIgs System 6.0 (4 disks)***	$12.00
S6-5	***IIgs System 6.0 (5 disks)***	$15.00

Hard Drive Prices Fall

Our suppliers have reduced the prices of our most popular hard drives and our most powerful SCSI card. Take a look at these new prices!

External hard drives (require SCSI card)

A2-007	***Resource Central 50 Meg***	(7/91)	▼ $439.00*
A2-005	***Resource Central 100 Meg***	(5/91)	▼ $549.00*
*	***Surface shipping to Canada or APO/FPO adrs***		$10.00
*	***Surface shipping to other points outside U.S.***		$20.00

SCSI cards

CV-001	***RAMfast SCSI card***	(5/91)	▼ $189.00

Subscription Prices Rise

Hardware gets cheaper, but information gets more dear. On January 1, 1992 all of our subscription prices are going up $6. For example, the paper issue of ***A2-Central*** will go from $28/$54/$78 to $34/$60/$84. Since we are raising the two- and three- rates by just $6, rather than by $12 and $18, they become an even better deal than before. You may renew at the current rates through the end of the year.

8/16-Central Full Set

If you didn't subscribe to ***8/16-Central*** because you thought it was too expensive, here's your chance to get all the programming tips packed into 20 issues for just $3.95 a disk.

ESFS	***All 8/16-Central back issues (20 disks)***	$79.00

New Stuff

Beagle Draw

Beagle Draw is an object-oriented 320-mode graphics program. "Object-oriented" means that individual items you draw can be moved, copied, pasted, resized to exact dimensions, grouped, flipped, rotated, and layered. Unlike a paint program, where each stroke you add destroys what's underneath, *Beagle Draw* remembers each object you create as an individual item. Draws arcs and can smooth or round angled corners of objects. Has rulers and grids. Can create or scale drawings as large as the job requires – up to 64 pages (8 x 8). Requires an Apple IIgs with 1 megabyte of memory. A valuable addition to any graphic artist's tool cabinet.

BB-008 ***Beagle Draw*** $69.00

ProLine BBS

Now you can set up your own bulletin board system with electronic mail, a software library, and public and private discussion forums. Your users can select a menu-driven or a command-line interface to the BBS. If you like, you can join the ProLine network and join your users to other ProLine users everywhere. ProLine is easy to install, use, and maintain. Author Morgan Davis provides quarterly software updates free – sent through the network directly into your system. ProLine works on a II-Plus, IIe, or IIgs. Requires a hard disk and a modem. II-Plus and IIe systems also require clock and serial interface cards.

MD-003 ***ProLine Bulletin Board System*** $149.95

ModemWorks

ModemWorks is an elegant solution to the complex problem of writing software that accesses a modem. Includes 47 modem-related commands that can be accessed by Applesoft or MD-BASIC programs. Also includes 30 additional non-modem commands that make programming easier. Includes sample programs that demonstrate I/O management, time-out handling, bulletin board constuction, terminal program design, and more. Full-featured templates for terminal emulation are provided for over 15 terminals. Drivers for all popular modems are included. Over 160 pages of documentation. Written by Morgan Davis, author of the ProLine BBS and MD-BASIC.

MD-004 ***ModemWorks*** $49.95

Final week – Halloween Special

This offer expires at midnight on Halloween, Oct 31!

Get *HyperCard IIgs* or *HyperStudio* for just $79 with a one-year subscription to ***Script-Central*** or ***Studio City***

HyperCard IIgs & Script-Central

AP-002	***HyperCard IIgs***	***regular price***	$99.00
HC1	***1-year (6 2-disk issues) of Script-Central***	***regular price***	$42.00
HWHC	***Combination price till midnight Halloween (79+42)***		$121.00

HyperStudio and Studio City (formerly Stack-Central)

RW-005	***HyperStudio***	***regular price***	$99.95
SC1	***1-year (6 2-disk issues) of Studio City***	***regular price***	$42.00
HWSC	***Combination price till midnight Halloween (79+42)***		$121.00

About this listing

Everything we carry doesn't fit in this catalog anymore, but we got almost everything in this month. The date shown with each item indicates the catalog that has a longer description of the item. We give a full description the first time an item appears in the catalog.

In General

A2-Central

A2-1	***A2-Central*** 12 issues/yr, 8 pages	1 year	$28.00
A2-2	**An international clearinghouse of information for users of all**	2 years	$54.00
A2-3	**types of Apple IIs. Winner of Best Apple II Publication award.**	3 years	$78.00
FS-N	Full set of back issues in bound annual volumes and singles		$39.00
FS-D	Full text of paper back issues on 3.5 disks		$39.00
OA-001	***Volume 1*** January 1985 – Jan 1986		$9.95
OA-002	***Volume 2*** February 1986 – Jan 1987		$9.95
OA-003	***Volume 3*** February 1987 – Jan 1988		$9.95
OA-004	***Volume 4*** February 1988 – Jan 1989		$9.95
OA-005	***Volume 5*** February 1989 – Jan 1990		$14.95
OA-006	***Volume 6*** February 1990 – Jan 1991		$14.95

A2-Central on disk

AD-1	***A2-Central*** on disk12 issues/yr, paper newsletter & 3.5 disk	1 year	$84.00
AD-2	**Our award-winning newsletter plus a monthly disk**	2 years	$162.00
AD-3	**filled with the best stuff we find online and in our mailbox.**	3 years	$234.00
AD89FS	Annual Sets: 12 back issue disks Feb 89 to Jan 90		$60.00
AD90FS	Annual Sets: 12 back issue disks Feb 90 to Jan 91		$60.00

Quarterly Sets	Feb/Mar/Apr	May/Jun/Jul	Aug/Sep/Oct	Nov/Dec/Jan	
1989	AD89S1	AD89S2	AD89S3	AD89S4	$18.00
1990	AD90S1	AD90S2	AD90S3	AD90S4	$18.00

Hyperbole

HB1	***Hyperbole*** 6 issues/yr, 3.5 disk, requires IIgs	1 year	$42.00
HB2	**A multimedia artistic and literary journal on disk.**	2 years	$81.00
HB3	**There's nothing else like it anywhere!**	3 years	$117.00
HB-91S1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
HB-SAMP	***Hyperbole*** Sampler Disk (free with subscription)		$3.00

Books

CO-004	***CompuShare: Your IIgs Guide***	(5/91)	$21.95
CO-003	***CompuShare: GS/OS Guide***	(5/91)	$9.95

AppleWorks

Publications

TO1	***TimeOut-Central*** 6 issues/yr, 3.5 disk only	1 year	$42.00
TO2	**Editor Randy Brandt of Beagle & UltraMacros fame gives you**	2 years	$81.00
TO3	**the latest AppleWorks & TimeOut tips, macros, and wares.**	3 years	$117.00
TO90S1	Semiannual disk set (Sep/Nov/Mar 91)		$18.00
TO91FS	Annual disk set (Sep 90/Sep 91)		$32.00

Software

RT-001	***SuperWorks (MS-DOS AppleWorks clone)***	(9/91)	$199.00

Books

DB-001	***Using the DeskJet 500 Printer with AppleWorks***	(9/91)	$20.00
IN-006	***Aron: Using AppleWorks (Que)***	(6/90)	$21.95
AW-027	***Brown: Using AppleWorks GS***		$19.95

TimeOut UltraMacros

BB-005	***TimeOut UltraMacros (AppleWorks 3.0)***	(12/90)	$49.95
NA-001	***Munz: UltraMacros Primer***	(3/90)	$19.95
MM-002	***Ultra-AppleWorks (UltraMacros tutorial on 3.5 disk)***	(5/91)	$19.95
MM-003	***Ultra-AppleWorks (book, samples on 3.5 & 5.25)***	(5/91)	$24.95
BB-006	***MacroEase (requires UltraMacros 3.0)***	(12/90)	$34.95
MM-001	***Ultra AWesome Macros (requires UltraMacros 3.0)***	(3/91)	$19.95

Enhancements

JE-010	***TotalControl (AppleWorks 3.0)***	(7/91)	$49.95
FW-001	***Elite Fantasy Football Management System***	(8/91)	$79.95
JH-001	***Writeworks (Writer's project management)***	(8/91)	$39.95
JE-007	***DoubleData (AppleWorks 3.0)***	(7/90)	$30.00
JE-008	***Outline 3.0 (AppleWorks 3.0)***	(9/90)	$39.00
JE-005	***Pathfinder (AppleWorks 3.0)***	(7/90)	$20.00
JE-006	***SpellCopy (AppleWorks 3.0)***	(7/90)	$12.50
JE-001	***FlexiCal (AppleWorks 2.x or 3.0)***	(7/90)	$30.00
JE-004	***Mr. Invoice (AppleWorks 3.0)***	(7/90)	$40.00

Patch programs

BB-004	***Beagle AppleWorks 3.0 Companion***	(5/90)	$39.95

Multimedia

Publications

SC1	***Studio City*** 6 issues/yr, 3.5 disk only (formerly Stack-Central)	1 year	$42.00
SC2	**The lastest tips and news for creators of HyperStudio**	2 years	$81.00
SC3	**stacks. Tutorials, examples, clip art & sounds, and more.**	3 years	$117.00
SC90S1	Semiannual disk set (Feb/Apr/Jun 90)		$20.00
SC90S2	Semiannual disk set (Aug/Oct/Dec 90)		$20.00
SC91S1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
SC90FS	Annual disk set (Feb 90 to Dec 90)		$36.00
HC1	***Script-Central*** 6 issues/yr, 3.5 disk only	1 year	$42.00
HC2	**All about Apple's HyperCard IIgs and HyperTalk, its scripting**	2 years	$81.00
HC3	**language. Your letters, our XCMDs, Tools, Buttons – awesome!**	3 years	$117.00

Books

AW-042	***Apple: Hypercard IIgs Script Guide***	(3/91)	$23.99
AW-034	***Apple: Hypercard Stack Design***		$16.95

Multimedia software

RW-005	***HyperStudio (for IIgs)***	(1/90)	$99.95
RW-009	***HyperStudio Xcommands, Vol 1***	(11/90)	$39.95
GC-001	***Nexus (for IIgs)***	(12/90)	$69.95
AP-002	***HyperCard IIgs***	(3/91)	$99.00

Clip art

RW-007	***HyperStudio Clip-Art, Vol 1***	(11/90)	$19.95
RW-011	***HyperStudio Clip-Art, Vol 2***	(3/91)	$24.95
TV-002	***ClipArt Plus***	(3/91)	$39.95
DS-011	***ClipVision 1.1***	(3/91)	$29.95

Sound

RW-008	***HyperStudio Clip-Sounds, Vol 1***	(11/90)	$19.95
TV-001	***ClipTunes (2 disks)***	(3/91)	$39.95
DS-012	***ClipSounds (10 disks)***	(3/91)	$59.95

Desktop Publishing

Books

WG-001	***White: Graphic Design for the Electronic Age***	(3/89)	$24.95

Desktop Publishing Software

TW-001	***Publish It 4 (Enhanced IIe, any IIc or IIgs)***	(8/91)	$119.00

Optical Character Recognition (Put an end to retyping)

WC-001	***InWords (512K enhanced IIe or IIgs)***	(3/91)	$99.00

Fonts

FC-001	***A2-Central Font Collection***	(3/90)	$39.00
	8 3.5 disks of fonts in ShrinkIt format		

Graphics/Imaging

Imaging

VI-001	***Quickie Scanner***	(10/90)	$219.95
DV-001	***B&W ComputerEyes Video Digitizer (IIe)***	(12/90)	$119.95
DV-002	***Enhancement Software***	(12/90)	$22.95
DV-003	***IIgs Support Software for B&W Computer Eyes***	(12/90)	$22.95
DV-004	***Color ComputerEyes Video Digitizer for IIgs***	(12/90)	$219.95

Graphics

BB-007	***Platinum Paint (for IIgs)***	(3/91)		$79.00
BB-008	***Beagle Draw (for IIgs)***	(11/91)	**NEW**	$69.00
SH-003	***Jason Harper's Super Convert (for IIgs)***	(7/91)		$39.95
RW-004	***Graphics Exchange (for IIgs)***	(1/90)		$37.50
RW-012	***Desktop Screen Saver (for IIgs)***	(3/91)		$24.95
RI-001	***Second Chance (image enhancement software, IIgs)***	(11/90)		$39.95

Telecommunications

Telecommunications software

CS-001	***Talk Is Cheap***	(3/90)		$40.00
TH-001	***GEnie Master 4.0 (requires AWorks 3.0 & TIC or Point-to-Point)***			$20.00
KG-001	***Co-Pilot (GEnie interface for IIgs)***	(1/91)		$25.00
MD-003	***ProLine Bulletin Board System***	(11/91)	**NEW**	$149.95
MD-004	***ModemWorks***	(11/91)	**NEW**	$49.95

Books

CO-002	*CompuShare: Telecommunications Guide*	(5/91)	$12.95

Bundles

CD-002	*U.S. Modem Bundle (SC-001, CS-001, and 1 cable)*	$159.00
CD-003	*Int'l Modem Bundle (SC-002-xx, CS-001, and 1 cable)*	$169.00

Modems

SC-001	*Supra 2400 baud modem (110 volts)*	(1/90)	$119.00
SC-002-AU	*Supra 2400, Australian plug (220 volts)*	(9/90)	$129.00
SC-002-WG	*Supra 2400, German plug (220 volts)*	(9/90)	$129.00
DC-008	*ViVa24m 2400 baud MNP 5 modem (110 volts)*	(3/91)	$169.00

Cables

RC-001	*8' cable for IIgs/IIc-Plus*	(1/90)	$15.00
RC-002	*8' cable for older IIc*	(1/90)	$15.00
RC-003	*8' cable for serial cards*	(1/90)	$15.00

IIe/IIc Programming

Publications

8/16-Central, our publication for Apple II programmers, was published monthly from March 1990 to October 1991.

ESBI	Any ***8/16-Central*** back issue on disk	$10.00
ESBI3	Any three ***8/16-Central*** back issues (3 disks at $5 each)	$15.00
ESFS	All ***8/16-Central*** back issues (20 disks at $3.95 each)	$79.00

Applesoft books

AW-040	*Critchfield/Dwyer: Bit of Applesoft* *	(9/90)	$9.95
AW-038	*Wintermeyer: Applesoft Toolbox* *	(9/90)	$9.95
AW-039	*Myers: Graphics for the Apple II* *	(9/90)	$9.95
AW-010	*Apple: Applesoft Tutorial (w/disk)*		$29.95
AW-021	*Apple: Applesoft Programmer's Reference*		$22.95

Applesoft development tools

BB-003	*Program Writer (Applesoft program editor)*	(1/90)	$37.50
BB-002	*Beagle Compiler (ProDOS Applesoft compiler)*	(1/90)	$59.00
MD-001	*MD-Basic (Applesoft pre-compiler)*	(5/90)	$49.95
KS-001	*Microdot (Basic.system replacement*	(9/91)	$29.95
IS-002	*Basic Help (Online Reference & Help)*	(8/91)	$49.95

Other languages

AW-037	*Seiter/Weiss: Pascal for Basic Prgmrs* *	(9/90)	$12.95
MS-002	*Micol Advanced BASIC for IIe/IIc*	(1/90)	$89.00

ProDOS 8

AW-024	*Apple: BASIC Programming with ProDOS (w/disk)*		$29.95
AW-023	*Apple: ProDOS 8 Tech Ref (w/disk)*		$29.95
TB-006	*Doms/Weishaar: ProDOS Inside and Out*	(6/88)	$16.95
DS-002	*disk for this book*		$10.00

Technical references

QS-002	*Sather: Understanding the Apple II*		$22.95
QS-003	*Sather: Understanding the Apple IIe*		$24.95
AW-003	*Apple: Apple IIe Technical Reference*		$24.95
AW-004	*Apple: Apple IIc Technical Reference*		$24.95

6502 assembly language

PD-001	*ProDev 6502 Debugger for IIe/IIgs*	(3/91)	$189.00
AW-012	*Finley/Myers: Asm Lang for Applesoft Prgmmer*	(8/88)	$18.95
RW-001	*Wagner: Assembly Lines: The Book*	(6/88)	$19.95
DS-004	*disk for this book*		$15.95
MH-007	*Leventhal: 6502 Programming*		$19.95
MD-002	*Object Module Manager (Morgan Davis memory mgr)*	(8/90)	$24.95

IIgs Programming

Publications

8/16-Central, our publication for Apple II programmers, was published monthly from March 1990 to October 1991.

ESBI	Any ***8/16-Central*** back issue on disk	$10.00
ESBI3	Any three ***8/16-Central*** back issues (3 disks at $5 each)	$15.00
ESFS	All ***8/16-Central*** back issues (20 disks at $3.95 each)	$79.00

Technical manuals

GS/OS

AW-026	*Little: Exploring Apple GS/OS and ProDOS 8*	(1/89)	$21.95
DS-006	*disk for this book (3.5)*		$15.00
AW-041	*Apple: Apple IIgs GS/OS Reference*		$28.95

Technical references

AW-017	*Little: Exploring the Apple IIgs*	(6/88)	$22.95
DS-007	*disk for this book (3.5)*		$20.00
AW-018	*Apple: Technical Introduction to the Apple IIgs*		$9.95
AW-011	*Apple: Programmer's Intro to IIgs (w/disk)*		$32.95
AW-022	*Apple: Apple IIgs Firmware Reference*		$24.95
AW-002	*Apple: Apple IIgs Hardware Reference*		$26.95
AW-001	*Apple: Apple Numerics Reference*		$29.95
AW-014	*Apple: Human Interface Guidelines*		$14.95

Toolbox manuals

CB-005	*Gookin/Davis: Mastering the IIgs Toolbox*	(8/88)	$19.95
CB-007	*Gookin/Davis: Adv Prog Tech for IIgs Toolbox*	(9/88)	$19.95
AW-019	*Apple: Apple IIgs Toolbox Reference, Vol 1*		$26.95
AW-006	*Apple: Apple IIgs Toolbox Reference, Vol 2*		$26.95
AW-036	*Apple: Apple IIgs Toolbox Reference, Vol 3*		$39.95

High-level language tools

HyperTalk

AP-002	*HyperCard IIgs*	(3/91)	$99.00

Pascal

BW-001	*ORCA/Pascal*	(11/90)	$90.00
BW-002	*Byte Works Learn to Program in Pascal Tutorial*	(11/90)	$50.00

C

BW-003	*ORCA/C*	(11/90)	$90.00
BW-004	*Byte Works Learn to Program in C Tutorial*	(11/90)	$50.00

BASIC

MS-001	*Micol Advanced BASIC for the IIgs*	(1/90)	$99.00

Assembly language tools

CB-002	*Wagner: IIgs Machine Lang for Beginners*	(8/88)	$19.95
DS-005	*disk for this book (3.5)*		$15.95
SS-005	*Lichty/Eyes: Programming the IIgs in Asm Lang*		$29.95
DS-008	*disk for this book for APW*		$20.00
DS-009	*disk for this book for Merlin*	(11/90)	$10.00
DS-010	*disk for this book for Orca/C*	(11/90)	$20.00

We carry additional tools that wouldn't fit in the catalog. See last month.

Hard Disk Drives

Hard drive books

CO-001	*CompuShare: Hard Drive Guide*	(5/91)	$14.95
NA-002	*Apple Hard Disk Primer*	(9/90)	$16.95

Internal hard drives (include SCSI card)

CT-CID20	*CIRTECH 20-meg internal hard drive*	(5/90)	$695.00
CT-CID40	*CIRTECH 40-meg internal hard drive*	(5/90)	$845.00

External hard drives (require SCSI card)

A2-007	*Resource Central 50 Meg*	(7/91)	▼ $439.00*
A2-005	*Resource Central 100 Meg*	(5/91)	▼ $549.00*
A2-006	*Resource Central 42 Meg Removable Media*	(5/91)	$699.00*
DC-007	*extra cartridges for 42 Meg drive*	(5/91)	$99.00
*	*Surface shipping to Canada or APO/FPO adrs*		$10.00
*	*Surface shipping to other points outside U.S.*		$20.00

SCSI cards

AP-001	*Apple High-Speed SCSI card*	(5/91)	$119.00
CT-SC	*CIRTECH SCSI card*	(5/91)	$129.00
CV-001	*RAMfast SCSI card*	(5/91)	▼ $189.00

Disk management utilities

CH-001	*Chinook Utilities for Apple SCSI cards*	(1/90)	$30.00
GB-001	*Prosel 8 (for IIe/IIc; 3.5 disk, 5.25 on request)*	(1/90)	$40.00
GB-002	*Prosel 16 (for IIgs, includes Prosel 8 features)*	(1/90)	$85.00
VI-002	*Salvation: Guardian (Backup Utility)*	(10/90)	$37.00
VI-003	*Salvation: Renaissance (Optimization Utility)*	(10/90)	$37.00
VI-004	*Salvation: Exorciser (Virus exterminator)*	(10/90)	$34.00
VI-005	*Salvation: Wings (Program selector)*	(10/90)	$59.00
VI-007	*Salvation: Deliverance (Fix/edit disks)*	(12/90)	$37.00

Memory Expansion Cards

IIgs memory expansion slot cards

	Chinook (5/90) RAM 4000		CVTech (3/91) GS-Memory		Cirtech (9/90) Primo	
0K (empty)	CH-002-0	$94.00	CV-002-0	$99.00	CT-P0	$105.00
1 Megabyte	CH-002-1	$164.00	CV-002-1	$169.00	CT-P1	$175.00
2 Megabytes	CH-002-2	$234.00	CV-002-2	$239.00	CT-P2	$245.00
3 Megabytes	*not available*		CV-002-3	$309.00	*not available*	
4 Megabytes	CH-002-4	$374.00	CV-002-4	$379.00	CT-P4	$385.00

Ordering Information

Call us! Voice:913-469-6502 Fax:913-469-6507

Ordering Information

If you received this catalog in the envelope with one of our publications, there was also a one-sheet self-mailer in the envelope. Your name, address, expiration date, and account number are already imprinted on one side of the self-mailer—on the other side you'll find an order form. Please don't send us a photocopy of the form unless you **photocopy both sides.**

If you received this catalog without a self-mailer, write your order on a plain sheet of paper and send it to:

Resource Central, Inc.
P.O. Box 11250
Overland Park, KS 66207
913-469-6502 fax:913-469-6507

Publications

Our flagship publication is the 8-page monthly newsletter ***A2-Central.*** It's designed to be an international information clearinghouse for Apple II users of every persuasion. Subscription prices are listed in the **In General** section of this catalog.

A newsletter/disk subscription to ***A2-Central*** is also available. You get both the paper newsletter and a 3.5 inch disk each month that's filled with useful goodies provided by our subscribers and guests.

In addition we publish 5 3.5-disk-based publications. See the listings inside for prices: ***TimeOut-Central,*** for AppleWorks and TimeOut users (listed under **AppleWorks**), ***Stack-Central,*** for HyperStudio users (**HyperMedia**), ***Script-Central,*** for HyperCard IIgs users (**HyperMedia**), and ***Hyperbole,*** a literary and artistic journal on disk (**In General**).

Resource-Central Disk Sampler

Latest issue of *A2-Central* on disk, *TimeOut-Central*, *Script-Central*, and *Stack-Central*, and *Hyperbole* sample disks.

RC-SAMP **Resource-Central Disk Sampler** $15.00

Back Issues

Back issues of all our publications are available singly or in sets. Back issue sets are listed in the catalog with each publication. One of the best deals anywhere is the full set special we offer for ***A2-Central.*** You get every issue we've ever published, on your choice of paper or disk, for just $39. It's a wonderful introduction to the world of Apple computing.

AppleTalk Networks

Books

IN-002	*Hands on AppleTalk*	(3/90)	$21.95
AW-030	*Apple: Understanding Computer Networks*		$9.95
AW-031	*Apple: AppleTalk Network System Overview*		$14.95
AW-035	*Apple: Inside AppleTalk*		$34.95

Network connectors

OE-001	*ModuNet 8-pin for IIe, IIgs, new Macs*	(1/90)	$34.95
OE-002	*9-pin for old LaserWriters, old Macs*	(1/90)	$34.95

Printers

Books

AW-008	*Apple: ImageWriter II Technical Reference*		$19.95
AW-025	*Apple: ImageWriter LQ Technical Reference*		$22.95
AW-028	*Apple: LaserWriter Reference*		$19.95
TB-012	*LaBadie: Build Your Own Laser Printer*	(7/91)	$16.95
SY-003	*Campbell: The RS-232 Solution, 2nd Ed*	(6/88)	$21.95
CP-001	*East: Handbook of Printer Commands (3 vols)*	(11/88)	$89.95

Dot matrix printers

LC-001	*Laser 190A ImageWriter-compatible serial printer*	(1/90)	$249.00*
LC-003	*Laser 190A ImageWriter-compatible parallel printer*	(1/90)	$199.00*
LC-006	*tractor feed attachment*	(1/90)	$59.95
LC-007	*5 ribbons (fit Laser 190A, Epson LX-80/90 & Olympia NP30 only)*		$14.95

Cables

RC-001	*8' cable for IIgs/IIc-Plus*	(1/90)	$15.00
RC-002	*8' cable for older IIc*	(1/90)	$15.00
RC-003	*8' cable for serial cards*	(1/90)	$15.00
*	*120 volts. Surface shipping to Canada or APO/FPO adrs*		$25.00

GS/OS Printer Drivers

SH-002	*Seven Hills: Independence*	(3/91)	$29.95
VI-006	*Vitesse: Harmonie Printer/Parallel Card Drivers*	(12/90)	$37.00

Troubleshooting and repair

HS-004	*SAMS Computerfacts: ImageWriter I*	(8/88)	$24.95
HS-008	*SAMS Computerfacts: ImageWriter II*	(8/88)	$24.95

Other Peripherals

Accelerators

ZC-001	*Zip GSX Accelerator for IIgs*	(3/91)	$199.00

Memory chips

DRAM-256	*Set of 8 256K chips for standard memory cards*		$25.00
DRAM-1	*Set of 8 1-meg chips for standard memory cards*		$70.00
SIMM-1	*1-meg SIMM for Macintosh (System 7 needs lots of RAM)*		$70.00
SRAM-32	*Set of 2 chips for StatDisk (64K)*		$30.00

Standard slot cards for IIe or IIgs

SD-4	*Cirtech StatDisk, 512K (Battery backed-up static*	(10/88)	$389.00
SD-8	*1 Meg RAMdisk, fast, quiet, extremely reliable)*		$699.00

Batteries

NO-001	*Nite Owl Slide-On Battery Kit for IIgs*	(3/90)	$14.95

Math Coprocessors

IS-001	*Floating Point Engine*	(4/90)	$249.00

3.5 Disks and Drives

AM-001	*AMR 3.5 drive*	(1/90)	$189.00
AM-002	*Laser 3.5 drive controller for IIe*	(1/90)	$59.00
A2-001	*10 generic, blank 3.5 disks*	(4/90)	$9.49
A2-002	*100 blank , continuous labels for 3.5 disks*	(4/90)	$1.99
A2-003	*10 Static-Guard binder storage pages for 3.5 disks*	(4/90)	$9.97

Fans

CTFAN-E	*CIRTECH Cool-It fan for Apple IIe*	(1/90)	$49.00
CTFAN-GS	*CIRTECH Cool-It fan for Apple IIgs*	(1/90)	$49.00

Monitors

DC-003	*Magnavox RGB Monitor for IIgs*	(9/90)	$319.00*
RC-005	*IIgs RGB cable for Magnavox monitor*		$23.00
*	*120 volts. Surface shipping outside U.S.*		$20.00

Other Topics

Desk accessories

SS-008	*Deskpak (IIgs NDA collection)*	(11/90)	$15.00
SH-001	*Disk Access (disk management NDA)*	(11/90)	$30.00
RW-012	*Desktop Screen Saver*	(3/91)	$24.95
RW-010	*Desktop Files Control (disk management NDA)*	(11/90)	$24.00
RW-003	*SoftSwitch (program switcher for IIgs)*	(1/90)	$45.00
RW-006	*MacroMate (universal macros for IIgs)*	(1/90)	$37.50

Education

DR-001	*Diversi-Tune (for IIgs)*	(1/90)	$59.00
SB-001	*GSNumerics (for IIgs)*	(4/90)	$79.95
AW-013	*Snyder: In Search of the Most Amazing Thing*	(6/88)	$10.95
IB-001	*Weishaar: Your Best Interest*	(6/88)	$9.95
VS-001	*Vernier: Build a Better Mousetrap*	(7/88)	$24.95
VS-002	*Vernier: Chaos in the Laboratory*	(7/91)	$25.95
TB-003	*Pellino et al: Science On Your Apple*	(6/88)	$14.95
TB-004	*Horn: Smart Apples*	(6/88)	$12.95

Troubleshooting and repair

HS-005	*SAMS Computerfacts: IIc*	(8/88)	$39.95
HS-003	*SAMS Computerfacts: Disk II*	(8/88)	$24.95

Other

IN-001	*Day: The Hacker (novel)*	(3/90)	$3.95
AP-003	*Apple II Guide*	(3/91)	$4.00
SE-002	*DB Master Programmer's Pak*	(5/90)	▼ $49.00
SS-006	*Cross-Works (ProDOS <—> MS-DOS)*	(4/90)	$79.95
TB-009	*Photonix II (requires IIgs)*	(5/91)	$45.00
FD-001	*Fastdata Pro (full-text search utility)*	(1/90)	$49.95

Resource Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your publication.

January 1992

New Stuff

Desktop Enhancer

Desktop Enhancer gives you control of your Apple IIgs and GS/OS software in five nifty ways.

One: Change the color of your Finder's desktop. Choose a predefined color or create your own hue.

Two: Prevent monitor burn-in and let your computer entertain you. *Desktop Enhancer* inclues a screen saver that will animate your favorite graphic. The delay-till-blanking can be set between 1 and 30 minutes.

Three: Tired of listening to the same old system beep? *Desktop Enhancer* lets you use any Sound Studio format sound file for the system beep. You have the option of adding additional sounds that play when disks are inserted and ejected.

Four: *Desktop Enhancer* gives you a digital clock that you can display in a corner of your desktop or in a window.

Five: The clock includes up to three independent alarms, each of which can use its own sound file and display an optional message that you provide.

Any option you choose for *Desktop Enhancer* will stay that way until you decide to change it.

SS-010 ***Desktop Enhancer by Simplexity Software*** $24.95

Salvation Supreme

No this is not a pizza, but it is a great deal! Vitesse has put all five of its Salvation disk management utilities for the IIgs together into one economical package. Until now, we've sold Vitesse's Guardian (disk backup utility), Renaissance (disk optimization utility), Exorciser (virus exterminator), Wings (program selector), and Deliverance (Fix/edit disks) all separately. Now we can offer all of these great utilities in a single package at a much lower price. Separately the total cost would be $204.00.

VI-008 ***Salvation Supreme (All 5 Vitesse Packages)*** $99.00

CVTech GS-Memory

CVTech has just dropped the price on its 1, 2, 3, or 4 megabyte Apple IIgs memory expansion cards. Now you can add memory to your IIgs for less than ever before. Compared to last month's prices, it's like getting a megabyte of memory free!

Unlike similar cards, the GS-Memory includes a connector on the back for a 1 meg Apple memory card (up to 5 megs total memory) or a 4 meg Chinook card (up to 8 megs total). The card you plug into the connector must be full, but the CVTech card need not be. Neither Applied Engineering nor Cirtech memory cards will work in the connector, but most others will. The GS-Memory is DMA compatible under all circumstances. It will work with either a ROM 01 or ROM 03 IIgs without modification.

CV-002-0-	***GS-Memory, 0 meg***	$65.00
CV-002-1	***GS-Memory, 1 meg***	$99.00
CV-002-2	***GS-Memory, 2 meg***	$159.00
CV-002-3	***GS-Memory, 3 meg***	$219.00
CV-002-4	***GS-Memory, 4 meg***	$279.00

Seikosha SP-2000AP Dot Matrix Printer

Your local electronics superstore is filled with high-quality dot matrix printers that are cheaper than an Apple ImageWriter. The problem is that they don't respond correctly to the ImageWriter command codes that all Apple II software supports. You end up with a printer that has lots of fancy features, but your software can't use any of them.

Alternatively, you can get the Seikosha SP-2000AP from us. It costs much less, but is fully ImageWriter compatible. It comes with a serial interface and an adjustable tractor feed, automatic paper loading, and paper parking.

DC-009	***Seikosha SP-2000AP Printer***	$249.00
DC-010	***ribbon (also fits SP-800/1000 and Tandy DMP-130)***	$4.50

Still Hot Old Stuff

Avoid Aftershave & Perfume Holiday Sale

10% off all Books and Games

Once again we'll offer our famous holiday Avoid Aftershave and Perfume sale. Order any book or one of the following games from us between now and Dec 31 and take 10 per cent off the price. The games we carry are:

JE-002	***I.O. Silver (5.25 only)***	(7/90)	$20.00
NO-002	***Shadowforge (Night Owl Journal, 3.5 only)***	(9/90)	$12.95
NO-003	***Wraith: Devil's Demise (3.5 only)***	(9/90)	$12.95
TB-010	***Bouncing Bluster II (requires IIgs; supplies limited)***	(5/91)	$59.00

Last Chance to Save

Final reminder, on January 1, 1992 all of our subscription prices are going up $6. For example, the paper issue of ***A2-Central*** will go from $28/$54/$78 to $34/$60/$84. Since we are raising the two- and three- year rates by just $6, rather than by $12 and $18, they become an even better deal than before. **Even if you have already renewed for next year, you can extend the expiration date further and save money in the long run.**

System 6.0 Updates

If you subscribe to ***A2-Central On Disk,*** we can send you a System 6.0 update, as soon as it's released by Apple, for a nominal charge to cover disks and shipping. System 6.0 will come on four disks. Apple is also planning a 5-disk version; the fifth disk is a preconfigured 800K disk for users without hard drives. Your order will be considered an addendum to your subscription. The disks will be sent to you under license by Apple as a part of your subscription. Disks will be mailed to you within a week of release of System 6.0 by Apple. When's that? "When it's done!" according to product manager Tim Swihart. We're betting on early January.

Our license with Apple allows us to send these disks to A2-Central on Disk subscribers only. If you're a subscriber to the newsletter, you can convert to disk. See page two for instructions.

S6-4	***IIgs System 6.0 (4 disks)***	$12.00
S6-5	***IIgs System 6.0 (5 disks)***	$15.00

WHAT! NO CATALOG NEXT MONTH?

Next month you will not be receiving a catalog with your newsletter. Every February, as all faithful *A2-Central* subscribers know, we replace the catalog with an index of the past year's issues. Be sure and keep this catalog for an extra month.

In General

A2-Central

A2-1	***A2-Central*** 12 issues/yr, 8 pages	1 year	$34.00
A2-2	**An international clearinghouse of information for users of all**	2 years	$60.00
A2-3	**types of Apple IIs. Winner of Best Apple II Publication award.**	3 years	$84.00
FS-N	Full set of back issues in bound annual volumes and singles		$49.00
FS-D	Full text of paper back issues on 3.5 disks		$49.00
OA-001	***Volume 1*** January 1985 – Jan 1986		$9.95
OA-002	***Volume 2*** February 1986 – Jan 1987		$9.95
OA-003	***Volume 3*** February 1987 – Jan 1988		$9.95
OA-004	***Volume 4*** February 1988 – Jan 1989		$9.95
OA-005	***Volume 5*** February 1989 – Jan 1990		$14.95
OA-006	***Volume 6*** February 1990 – Jan 1991		$14.95

A2-Central on disk

AD-1	***A2-Central*** on disk12 issues/yr, paper newsletter & 3.5 disk	1 year	$90.00
AD-2	**Our award-winning newsletter plus a monthly disk**	2 years	$168.00
AD-3	**filled with the best stuff we find online and in our mailbox.**	3 years	$240.00
AD89FS	Annual Sets: 12 back issue disks Feb 89 to Jan 90		$60.00
AD90FS	Annual Sets: 12 back issue disks Feb 90 to Jan 91		$60.00

Quarterly Sets	Feb/Mar/Apr	May/Jun/Jul	Aug/Sep/Oct	Nov/Dec/Jan	
1989	AD89S1	AD89S2	AD89S3	AD89S4	$18.00
1990	AD90S1	AD90S2	AD90S3	AD90S4	$18.00
1991	AD91S1	AD91S2	AD91S3	AD91S4	$18.00

SUBSCRIPTION CONVERSIONS: Figure out how many disks you'll get between the first one you want and the month your subscription expires and send us $4.75 per disk. **NEW SUBSCRIPTIONS:** By subscription, our disks cost for less than what most user groups charge for public domain 3.5 disks, just 4.67 per disk (($90 - $34) / 12).

Hyperbole

HB1	***Hyperbole*** 6 issues/yr, 3.5 disk, requires IIgs	1 year	$48.00
HB2	**A multimedia artistic and literary journal on disk.**	2 years	$87.00
HB3	**There's nothing else like it anywhere!**	3 years	$123.00
HB-91S1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
HB-91S2	Semiannual disk set (Aug/Oct/Dec 91)		$20.00
HB-91FS	Annual disk set (Feb 91 to Dec 91)		$36.00
HB-SAMP	***Hyperbole*** Sampler Disk (free with subscription of *HyperBole*)		$3.00

Books

CO-004	***CompuShare: Your IIgs Guide***	(5/91)	$21.95
CO-003	***CompuShare: GS/OS Guide***	(5/91)	$9.95

AppleWorks

Publications

TO1	***TimeOut-Central*** 6 issues/yr, 3.5 disk only	1 year	$48.00
TO2	**Editor Randy Brandt of Beagle & UltraMacros fame gives you**	2 years	$87.00
TO3	**the latest AppleWorks & TimeOut tips, macros, and wares.**	3 years	$123.00
TO90S1	Semiannual disk set (Sep/Nov/Mar 91)		$18.00
TO90S2	Semiannual disk set (May/July/Sep 91)		$18.00
TO91FS	Annual disk set (Sep 90/Sep 91)		$32.00

Software

RT-001	***SuperWorks (MS-DOS AppleWorks clone)***	(9/91)	$199.00

Books

DB-001	***Using the DeskJet 500 Printer with AppleWorks***	(9/91)	$20.00
IN-006	***Aron: Using AppleWorks (Que)***	(6/90)	$21.95
AW-027	***Brown: Using AppleWorks GS***		$19.95

TimeOut UltraMacros

BB-005	***TimeOut UltraMacros (AppleWorks 3.0)***	(12/90)	$49.95
NA-001	***Munz: UltraMacros Primer***	(3/90)	$19.95
MM-002	***Ultra-AppleWorks (UltraMacros tutorial on 3.5 disk)***	(5/91)	$19.95
MM-003	***Ultra-AppleWorks (book, samples on 3.5 & 5.25)***	(5/91)	$24.95
BB-006	***MacroEase (requires UltraMacros 3.0)***	(12/90)	$34.95
MM-001	***Ultra AWesome Macros (requires UltraMacros 3.0)***	(3/91)	$19.95

Enhancements

JE-010	***TotalControl (AppleWorks 3.0)***	(7/91)	$49.95
FW-001	***Elite Fantasy Football Management System***	(8/91)	$79.95
JH-001	***Writeworks (Writer's project management)***	(8/91)	$39.95
JE-008	***Outline 3.0 (AppleWorks 3.0)***	(9/90)	$39.00
JE-005	***Pathfinder (AppleWorks 3.0)***	(7/90)	$20.00
JE-006	***SpellCopy (AppleWorks 3.0)***	(7/90)	$12.50
JE-001	***FlexiCal (AppleWorks 2.x or 3.0)***	(7/90)	$30.00
JE-007	***DoubleData Version 2.0 (AppleWorks 3.0)***	(7/90)	$40.00
JE-004	***Mr. Invoice Version 2.0(AppleWorks 3.0)***	(7/90)	$50.00

Patch programs

BB-004	***Beagle AppleWorks 3.0 Companion***	(5/90)	$39.95

Multimedia

Publications

SC1	***Studio City*** 6 issues/yr, 3.5 disk only (formerly Stack-Central)	1 year	$48.00
SC2	**The lastest tips and news for creators of HyperStudio**	2 years	$87.00
SC3	**stacks. Tutorials, examples, clip art & sounds, and more.**	3 years	$123.00
SC90S1	Semiannual disk set (Feb/Apr/Jun 90)		$20.00
SC90S2	Semiannual disk set (Aug/Oct/Dec 90)		$20.00
SC91S1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
SC91S2	Semiannual disk set (Aug/Oct/Dec 91)		$20.00
SC90FS	Annual disk set (Feb 90 to Dec 90)		$36.00
SC91FS	Annual disk set (Feb 91 to Dec 91)		$36.00
HC1	***Script-Central*** 6 issues/yr, 3.5 disk only	1 year	$48.00
HC2	**All about Apple's HyperCard IIgs and HyperTalk, its scripting**	2 years	$87.00
HC3	**language. Your letters, our XCMDs, Tools, Buttons – awesome!**	3 years	$123.00
HC91S1	Semiannual disk set (July/Sep/Nov 91)		$20.00

Books

AW-042	***Apple: Hypercard IIgs Script Guide***	(3/91)	$23.99
AW-034	***Apple: Hypercard Stack Design***		$16.95

Multimedia software

RW-005	***HyperStudio (for IIgs) VERSION 3.0***	(1/90)	$125.00
RW-009	***HyperStudio Xcommands, Vol 1***	(11/90)	$39.95
GC-001	***Nexus (for IIgs)***	(12/90)	$69.95
AP-002	***HyperCard IIgs***	(3/91)	$99.00

Clip art

RW-007	***HyperStudio Clip-Art, Vol 1***	(11/90)	$19.95
RW-011	***HyperStudio Clip-Art, Vol 2***	(3/91)	$24.95
TV-002	***ClipArt Plus***	(3/91)	$39.95
DS-011	***ClipVision 1.1***	(3/91)	$29.95

Sound

RW-008	***HyperStudio Clip-Sounds, Vol 1***	(11/90)	$19.95
TV-001	***ClipTunes (2 disks)***	(3/91)	$39.95
DS-012	***ClipSounds (10 disks)***	(3/91)	$59.95
DS-013	***ClipSounds Vol 2 (5 disks)***	NEW	$29.95

Desktop Publishing

Desktop Publishing Software

TW-001	***Publish It 4 (Enhanced IIe, any IIc or IIgs)***	(8/91)	$119.00
SH-004	***GraphicWriter III***	(12/91)	$99.95

Optical Character Recognition (Put an end to retyping)

WC-001	***InWords (512K enhanced IIe or IIgs)***	(3/91)	$99.00

Fonts

SH-005	***Font Factory***	(12/91)	$39.95
FC-001	***A2-Central Font Collection***	(3/90)	$39.00
	8 3.5 disks of fonts in ShrinkIt format		

Graphics/Imaging

Imaging

VI-001	***Quickie Scanner***	(10/90)	$219.95
DV-001	***B&W ComputerEyes Video Digitizer (IIe)***	(12/90)	$119.95
DV-002	***Enhancement Software***	(12/90)	$22.95
DV-003	***IIgs Support Software for B&W Computer Eyes***	(12/90)	$22.95

Graphics

BB-007	***Platinum Paint (for IIgs)***	(3/91)	$79.00
BB-008	***Beagle Draw (for IIgs)***	(11/91)	$69.00
SH-003	***Jason Harper's Super Convert (for IIgs)***	(7/91)	$39.95
RW-004	***Graphics Exchange (for IIgs)***	(1/90)	$37.50
RW-013	***Graphics Exchange Library Disk #1***	(12/91)	$29.95
RW-012	***Desktop Screen Saver (for IIgs)***	(3/91)	$24.95
RI-001	***Second Chance (image enhancement software, IIgs)***	(11/90)	$39.95

Telecommunications

Telecommunications software

CS-001	***Talk Is Cheap***	(3/90)	$40.00
TH-001	***GEnie Master 4.0 (requires AWorks 3.0 & TIC or Point-to-Point)***		$20.00
KG-001	***Co-Pilot (GEnie interface for IIgs)***	(1/91)	$25.00
MD-003	***ProLine Bulletin Board System***	(11/91)	$149.95
MD-004	***ModemWorks***	(11/91)	$49.95

Books

CO-002	***CompuShare: Telecommunications Guide***	(5/91)	$12.95

Bundles

CD-002	***U.S. Modem Bundle (SC-001, CS-001, and 1 cable)***		$159.00

Modems

SC-001	***Supra 2400 baud modem (110 volts)***	(1/90)	$119.00
DC-008	***ViVa24m 2400 baud MNP 5 modem (110 volts)***	(3/91)	$169.00

Cables

RC-001	***6' cable for IIgs/IIc-Plus***	(1/90)	$15.00
RC-002	***6' cable for older IIc***	(1/90)	$15.00
RC-003	***6' cable for serial cards***	(1/90)	$15.00

IIe/IIc Programming

Publications

8/16-Central, our publication for Apple II programmers, was published monthly from March 1990 to October 1991.

ESBI	Any ***8/16-Central*** back issue on disk	$10.00
ESBI3	Any three ***8/16-Central*** back issues (3 disks at $5 each)	$15.00
ESFS	All ***8/16-Central*** back issues (20 disks at $3.95 each)	$79.00

Applesoft books

AW-040	***Critchfield/Dwyer: Bit of Applesoft***	(9/90)	$9.95
AW-038	***Wintermeyer: Applesoft Toolbox***	(9/90)	$9.95
AW-039	***Myers: Graphics for the Apple II***	(9/90)	$9.95
AW-010	***Apple: Applesoft Tutorial (w/disk)***		$29.95
AW-021	***Apple: Applesoft Programmer's Reference***		$22.95

Applesoft development tools

BB-003	***Program Writer (Applesoft program editor)***	(1/90)	$37.50
BB-002	***Beagle Compiler (ProDOS Applesoft compiler)***	(1/90)	$59.00
KS-001	***Microdot (Basic.system replacement***	(9/91)	$29.95
IS-002	***Basic Help (Online Reference & Help)***	(8/91)	$49.95

Other languages

AW-037	***Seiter/Weiss: Pascal for Basic Prgmrs*** *	(9/90)	$12.95
MS-002	***Micol Advanced BASIC for IIe/IIc***	(1/90)	$89.00

ProDOS 8

AW-024	***Apple: BASIC Programming with ProDOS (w/disk)***		$29.95
AW-023	***Apple: ProDOS 8 Tech Ref (w/disk)***		$29.95
TB-006	***Doms/Weishaar: ProDOS Inside and Out***	(6/88)	$16.95
DS-002	***disk for this book***		$10.00

Technical references

QS-002	***Sather: Understanding the Apple II***		$22.95
QS-003	***Sather: Understanding the Apple IIe***		$24.95
AW-003	***Apple: Apple IIe Technical Reference***		$24.95
AW-004	***Apple: Apple IIc Technical Reference***		$24.95

6502 assembly language

PD-001	***ProDev 6502 Debugger for IIe***	(3/91)	$189.00
PD-002	***ProDev 6502 Debugger for IIgs***	(3/91)	$189.00
AW-012	***Finley/Myers: Asm Lang for Applesoft Prgmmer***	(8/88)	$18.95
RW-001	***Wagner: Assembly Lines: The Book***	(6/88)	$19.95
DS-004	***disk for this book***		$15.95

IIgs Programming

Technical manuals

GS/OS

AW-026	***Little: Exploring Apple GS/OS and ProDOS 8***	(1/89)	$21.95
DS-006	***disk for this book (3.5)***		$15.00
AW-041	***Apple: Apple IIgs GS/OS Reference***		$28.95

Technical references

AW-017	***Little: Exploring the Apple IIgs***	(6/88)	$22.95
DS-007	***disk for this book (3.5)***		$20.00
AW-018	***Apple: Technical Introduction to the Apple IIgs***		$9.95
AW-011	***Apple: Programmer's Intro to IIgs (w/disk)***		$32.95
AW-022	***Apple: Apple IIgs Firmware Reference***		$24.95
AW-002	***Apple: Apple IIgs Hardware Reference***		$26.95
AW-001	***Apple: Apple Numerics Reference***		$29.95
AW-014	***Apple: Human Interface Guidelines***		$14.95

Toolbox manuals

CB-005	***Gookin/Davis: Mastering the IIgs Toolbox***	(8/88)	$19.95
CB-007	***Gookin/Davis: Adv Prog Tech for IIgs Toolbox***	(9/88)	$19.95
AW-019	***Apple: Apple IIgs Toolbox Reference, Vol 1***		$26.95
AW-006	***Apple: Apple IIgs Toolbox Reference, Vol 2***		$26.95
AW-036	***Apple: Apple IIgs Toolbox Reference, Vol 3***		$39.95

High-level language tools

HyperTalk

AP-002	***HyperCard IIgs***	(3/91)	$99.00

Pascal

BW-001	***ORCA/Pascal***	(11/90)	$90.00
BW-002	***Byte Works Learn to Program in Pascal Tutorial***	(11/90)	$50.00

C

BW-003	***ORCA/C***	(11/90)	$90.00
BW-004	***Byte Works Learn to Program in C Tutorial***	(11/90)	$50.00

BASIC

MS-001	***Micol Advanced BASIC for the IIgs***	(1/90)	$99.00

Assembly language tools

CB-002	***Wagner: IIgs Machine Lang for Beginners***	(8/88)	$19.95
DS-005	***disk for this book (3.5)***		$15.95
SS-005	***Lichty/Eyes: Programming the IIgs in Asm Lang***		$29.95
DS-008	***disk for this book for APW***		$20.00
DS-009	***disk for this book for Merlin***	(11/90)	$10.00
DS-010	***disk for this book for Orca/C***	(11/90)	$20.00

Assemblers

RW-002	***Merlin 8/16 (DOS 3.3, ProDOS 8, GS/OS)***	(1/90)	$99.00
BW-005	***ORCA/M Assembler VERSION 2.0***	(11/90)	$90.00
BW-008	***Merlin to Orca Source Converter***	(11/90)	$18.00

Disassemblers

BW-007	***ORCA Disassembler***	(11/90)	$30.00

Debuggers

PD-002	***ProDev 65816 Debugger for IIgs***	(3/91)	$189.00

Universal development tools

SS-007	***Genesys (GS/OS Resource Creator/Editor)***	(6/90)	$90.00
BW-009	***Talking Tools (text to speech pkg for ORCA langs)***	(9/91)	$49.95
SS-009	***Edit-16 APW/ORCA/Merlin replacement editor***	(3/91)	$49.95
BW-006	***Design Master (GS/OS Resource Creator)***	(11/90)	$57.00
JE-009	***Rose16 APW replacement editor***	(3/91)	$15.00
AW-033	***Programmer's Online Companion for the IIgs***	(1/90)	$37.50

Hard Disk Drives

Hard drive books

CO-001	***CompuShare: Hard Drive Guide***	(5/91)	$14.95
NA-002	***Apple Hard Disk Primer***	(9/90)	$16.95

External hard drives (require SCSI card)

A2-007	***Resource Central 50 Meg***	(7/91)	$439.00*
A2-005	***Resource Central 100 Meg***	(5/91)	$549.00*
A2-006	***Resource Central 42 Meg Removable Media***	(5/91)	$699.00*
DC-007	***extra cartridges for 42 Meg drive***	(5/91)	$99.00
*	***Surface shipping to Canada or APO/FPO adrs***		$10.00
*	***Surface shipping to other points outside U.S.***		$20.00

SCSI cards

AP-001	***Apple High-Speed SCSI card***	(5/91)	$119.00
CT-SC	***CIRTECH SCSI card***	(5/91)	$129.00
CV-001	***RAMfast SCSI card***	(5/91)	$189.00

Disk management utilities

CH-001	***Chinook Utilities for Apple SCSI cards***	(1/90)	$30.00
GB-001	***Prosel 8 (for IIe/IIc; 3.5 disk, 5.25 on request)***	(1/90)	$40.00
GB-002	***Prosel 16 (for IIgs, includes Prosel 8 features)***	(1/90)	$85.00
VI-002	***Salvation: Bakkup (Backup & Restore Utility)***	(10/90)	$37.00
VI-003	***Salvation: Renaissance (Optimization Utility)***	(10/90)	$37.00
VI-004	***Salvation: Exorciser (Virus exterminator)***	(10/90)	$34.00
VI-005	***Salvation: Wings (Program selector)***	(10/90)	$59.00
VI-007	***Salvation: Deliverance (Fix/edit disks)***	(12/90)	$37.00
VI-008	***Salvation Supreme (All 5 Salvation Packages)***	(1/91) **NEW**	$99.00

Memory Expansion Cards

IIgs memory expansion slot cards *(supply limited on Chinook & Cirtech)*

	Chinook (5/90) RAM 4000		CVTech (3/91) GS-Memory		Cirtech (9/90) Primo	
0K (empty)	CH-002-0	$65.00	CV-002-0	$65.00	CT-P0	$65.00
1 Megabyte	CH-002-1	$99.00	CV-002-1	$99.00	CT-P1	$99.00
2 Megabytes	CH-002-2	$159.00	CV-002-2	$159.00	CT-P2	$159.00
3 Megabytes	***not available***		CV-002-3	$219.00	***not available***	
4 Megabytes	CH-002-4	$279.00	CV-002-4	$279.00	CT-P4	$279.00

Ordering Information

Call us! Voice:913-469-6502 Fax:913-469-6507

Ordering Information

If you received this catalog in the envelope with one of our publications, there was also a one-sheet self-mailer in the envelope. Your name, address, expiration date, and account number are already imprinted on one side of the self-mailer—on the other side you'll find an order form. Please don't send us a photocopy of the form unless you **photocopy both sides.**

If you received this catalog without a self-mailer, write your order on a plain sheet of paper and send it to:

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P.O. Box 11250
Overland Park, KS 66207
913-469-6502 fax:913-469-6507

Publications

Our flagship publication is the 8-page monthly newsletter ***A2-Central.*** It's designed to be an international information clearinghouse for Apple II users of every persuasion. Subscription prices are listed in the **In General** section of this catalog.

A newsletter/disk subscription to ***A2-Central*** is also available. You get both the paper newsletter and a 3.5 inch disk each month that's filled with useful goodies provided by our subscribers and guests.

In addition we publish 5 3.5-disk-based publications. See the listings inside for prices: ***TimeOut-Central,*** for AppleWorks and TimeOut users (listed under **AppleWorks**), ***Stack-Central,*** for HyperStudio users (**HyperMedia**), ***Script-Central,*** for HyperCard IIgs users (**HyperMedia**), and ***Hyperbole,*** a literary and artistic journal on disk (**In General**).

Resource Central Disk Sampler

Latest issue of *A2-Central* on disk, *TimeOut-Central*, *Script-Central*, and *Studio City* and *Hyperbole* sample disks.

RC-SAMP	**Resource Central Disk Sampler**	$15.00

Back Issues

Back issues of all our publications are available singly or in sets. Back issue sets are listed in the catalog with each publication. Single back issues of any of our disk publications cost $10 each. ***A2-Central*** on paper back issues are $2 each. Or you can get a full text of all ***A2-Central*** back issues for just $39. Please specify whether you want paper back issues or text files on 3.5 disks.

Memory chips

DRAM-256	*Set of 8 256K chips for standard memory cards*		$25.00
DRAM-1	*Set of 8 1-meg chips for standard memory cards*		$60.00
SRAM-32	*Set of 2 chips for StatDisk (64K)*		$30.00

Standard slot cards for IIe or IIgs

SD-4	*Cirtech StatDisk, 512K (Battery backed-up static*	(10/88)	$389.00
SD-8	*1 Meg RAMdisk, fast, quiet, extremely reliable)*		$699.00

AppleTalk Networks

Books

IN-002	*Hands on AppleTalk*	(3/90)	$21.95
AW-030	*Apple: Understanding Computer Networks*		$9.95
AW-035	*Apple: Inside AppleTalk*		$34.95

Network connectors

OE-001	*ModuNet 8-pin for IIe, IIgs, new Macs*	(1/90)	$34.95
OE-002	*9-pin for old LaserWriters, old Macs*	(1/90)	$34.95

Printers

Books

AW-008	*Apple: ImageWriter II Technical Reference*		$19.95
AW-025	*Apple: ImageWriter LQ Technical Reference*		$22.95
AW-028	*Apple: LaserWriter Reference*		$19.95
TB-012	*LaBadie: Build Your Own Laser Printer*	(7/91)	$16.95
SY-003	*Campbell: The RS-232 Solution, 2nd Ed*	(6/88)	$21.95
CP-001	*East: Handbook of Printer Commands (3 vols)*	(11/88)	$89.95

Dot matrix printers

DC-009	*Seikosha SP-2000AP Printer*	**NEW**	$249.00
DC-010	*ribbon (also fits SP-800/1000 and Tandy DMP-130)*	**NEW**	$4.50

Cables

RC-001	*6' cable for IIgs/IIc-Plus*	(1/90)	$15.00
RC-002	*6' cable for older IIc*	(1/90)	$15.00
RC-003	*6' cable for serial cards*	(1/90)	$15.00

GS/OS Printer Drivers

SH-002	*Seven Hills: Independence*	(3/91)	$29.95
VI-006	*Vitesse: Harmonie Printer/Parallel Card Drivers*	(12/90)	$37.00

Troubleshooting and repair

HS-004	*SAMS Computerfacts: ImageWriter I*	(8/88)	$24.95
HS-008	*SAMS Computerfacts: ImageWriter II*	(8/88)	$24.95

Other Peripherals

Accelerator

ZC-001	*Zip GSX Accelerator for IIgs*	(3/91)	$199.00

Battery

NO-001	*Nite Owl Slide-On Battery Kit for IIgs*	(3/90)	$14.95

Math Coprocessor

IS-001	*Floating Point Engine*	(4/90)	$249.00

3.5 Disks and Drives

AM-001	*AMR 3.5 drive (will not work with IIc)*	(1/90)	$189.00
AM-002	*Laser 3.5 drive controller for IIe*	(1/90)	$59.00
A2-001	*10 generic, blank 3.5 disks*	(4/90)	$9.49
A2-002	*100 blank , continuous labels for 3.5 disks*	(4/90)	$1.99
A2-003	*10 Static-Guard binder storage pages for 3.5 disks*	(4/90)	$9.97

Fans

NO-004	*Nite Owl Super Cooler Fan for IIgs*	(12/91)	$24.95
CTFAN-E	*CIRTECH Cool-It fan for Apple IIe*	(1/90)	$49.00

Monitors

DC-003	*Magnavox RGB Monitor for IIgs*	(9/90)	$319.00*
RC-005	*IIgs RGB cable for Magnavox monitor*		$23.00
*	*120 volts. Surface shipping outside U.S.*		$20.00

Other Topics

Desk accessories

SH-001	*Disk Access (disk management NDA)*	(11/90)		$30.00
RW-012	*Desktop Screen Saver*	(3/91)		$24.95
RW-010	*Desktop Files Control (disk management NDA)*	(11/90)		$24.00
RW-003	*SoftSwitch (program switcher for IIgs)*	(1/90)		$45.00
RW-006	*MacroMate (universal macros for IIgs)*	(1/90)		$37.50
SS-010	*Desktop Enhancer*	(1/91)	**NEW**	$24.95

Education

DR-001	*Diversi-Tune (for IIgs)*	(1/90)	$59.00
SB-001	*GSNumerics (for IIgs)*	(4/90)	$79.95
IB-001	*Weishaar: Your Best Interest*	(6/88)	$9.95
VS-001	*Vernier: Build a Better Mousetrap*	(7/88)	$24.95
VS-002	*Vernier: Chaos in the Laboratory*	(7/91)	$25.95
TB-004	*Horn: Smart Apples*	(6/88)	$12.95

Troubleshooting and repair

HS-005	*SAMS Computerfacts: IIc*	(8/88)	$39.95
HS-003	*SAMS Computerfacts: Disk II*	(8/88)	$24.95

Other

AP-003	*Apple II Guide*	(3/91)	$4.00
SS-006	*Cross-Works (ProDOS <—> MS-DOS)*	(4/90)	$79.95
TB-009	*Photonix II (requires IIgs)*	(5/91)	$45.00
FD-001	*Fastdata Pro (full-text search utility)*	(1/90)	$49.95
HS-011	*HowardSoft Tax Preparer (ships February '92)*	(12/91)	$199.00

About this listing

Everything we carry doesn't fit in this catalog anymore, but we got almost everything in this month. The date shown with each item indicates the catalog that has a longer description of the item. We give a full description the first time an item appears in the catalog.

Resource Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your publication.

March 1992

New Stuff

Now you can get Apple's own tools from Resource Central

Resource Central is proud to announce that it has been selected by Apple's Apple Programmers and Developers Association (APDA) to be the distributor of Apple's developer and reference tools for the Apple II family of computers. Adding Apple's tools to our already large catalog of Apple II developer books and tools from third party sources, such as Addison-Wesley and The Byte Works, makes us the world's central source for these materials.

See the listings inside for product availability and pricing details.

Grand Opening Special

Order any APDA item (order codes DA-001 through DA-027) before June 1 and receive *XRef*, a glossary and combined index of Apple's books & tech notes, FREE! You must include XRef on your order form and order by June 1, 1992.

Apple II 15th Anniversary Summer Conference

1992 marks the 15th anniversary of the Apple II. This year's ***A2-Central Summer Conference*** will revolve around celebrating that anniversary. Previous attendees have told us that they like everything about our conference, popularly known as "Kansas-Fest," but that what they like best is getting to know other people who have an appreciation of Apple II computing.

Make your plans to attend now. More details will follow in next month's catalog, but prices and schedules will be similar to last year. We are planning two days of colleges, two days of seminars, and two days of expo. Come for all or part of the fun. If you'd like to make a presentation at this year's conference, send us a written proposal by May 1. Include information on your topic, intended audience, and equipment and time requirements. Presenters earn a discount on conference expenses. Mark your calendar now!

Sound Convert

Using sound with HyperCard IIgs has been difficult up till now because HyperCard doesn't provide any way to get sounds into stacks other than importing them from other stacks.

Sound Convert is a new HyperCard IIgs stack-based utility that can move sounds, in either direction, between your HyperCard stacks and four standard Apple IIgs sound file formats. The supported sound file formats are HyperStudio, FutureSound, Applied Engineering, and Binary. It can also import from, but not export to, MidiSynth wave files.

What's more, *Sound Convert* lets you digitize sounds directly from within HyperCard IIgs, if you have your own sound digitizer. It supports most existing third-party sound digitizing boards, including the HyperStudio and the SuperSonic digitizers, Sonic Blaster, Audio Animator, and FutureSound.

TV-003 ***Sound Convert*** $34.95

ShoeBox

Shoebox is a personal information management system. It provides an easy-to-use interface for recording and searching through information about your home, family, and belongings so that you have it readily available. Essentially, it allows you to organize the information commonly left in real shoe boxes.

Shoebox allows you to keep track of your income sources and expenses, to create a budget, and to track your vehicles, valuables, and family records. Additional features provide phone and address storage, electronic messages, appointment and "to do" reminders.

SH-001 ***ShoeBox*** $49.95

AMR 5.25 Disk Drive

Here's an Apple-standard 5.25 floppy drive that connects to the disk connector on an Apple IIgs, Apple IIc, or Apple II emulator card in a Mac LC.

AM-003 ***AMR 5.25 Disk Drive*** $128.00

GS/OS System 6.0

Now anyone can get the APDA version of System 6 directly from us. See our February 1992 newsletter for details on what's included on System 6's six 3.5 disks. We also have the APDA version of ProDOS 8 System Disk 3.3, which includes the latest version of ProDOS 8, Basic.System, and Apple's file management utilities for Apple IIe and IIc systems.

DA-006 ***Apple: GS/OS System 6*** $24.00

DA-002 ***Apple: ProDOS 8 System Disk 3.3*** $14.00

A2-Central Volume 7

Back issue volume 7 of ***A2-Central*** is now available. It includes issues from February 1991 through January 1992. This bound volume contains one copy of each newsletter plus a detailed index on the front and back covers.

If you are interested in ALL of our back issues, we offer a full set special that includes all 7 volumes for $49.00. For those of you who are trying to go paperless, we also offer the full text of these issues on 3.5 disks, which is useful for full text searches using software such as *FastData Pro*.

OA-007 ***Volume 7*** $14.95

FS-N ***Volumes 1 through 7*** $49.00

FS-D ***Full text-N/L Back Issues 3.5 disks*** $49.00

FD-001 ***Fastdata Pro*** $49.95

ModuNet Network Connectors

We've carried these connectors for years, but never at a price like this. These are what you use to build in-home or classroom networks that allow several computers to share AppleTalk-compatible printers or Macintosh hard disks. You need one connector for each device on the network. Link connectors to each other with standard telephone wire. Wire can terminate with stripped ends or modular plugs. This special price expires April 1, 1992.

OE-001 ***ModuNet Network Connectors*** $16.95

Compute Books Closeout

We recently bought 25 copies each of the following books on closeout from Compute Books. These books are now officially out-of-print, but you'll be able to get them from us until these copies are gone.

Compute's Second Book of Apple is a book of 30 Applesoft programs you can type in yourself, including home applications, graphic programs, fast action games, educational tools, and programming utilities.

Pushing AppleWorks to the Limit is a book for advanced AppleWorks users that covers topics such as installing AppleWorks on a hard drive, getting the most from the "Other Activities" menu, setting up custom printers, and advanced word processing, spreadsheet and database capabilities. Includes features in AppleWorks 3.0. Written by Vincent D. O'Connor.

Apple Machine Language for Beginners is an introduction to 6502 assembly language. Includes Applesoft listings for an assembler and a disassembler. Works with any Apple II or Laser; DOS 3.3 or ProDOS.

CB-009 ***Computel's 2nd Book /Apple*** $14.95

CB-008 ***Pushing AppleWorks*** $14.95

CB-010 ***Apple Mach Lang for Bgnrs*** $18.95

In General

A2-Central

A2-1	***A2-Central*** 12 issues/yr, 8 pages	1 year		$34.00
A2-2	**An international clearinghouse of information for users of all**	2 years		$60.00
A2-3	**types of Apple IIs. Winner of Best Apple II Publication award.**	3 years		$84.00
FS-N	Full set of back issues in bound annual volumes and singles			$49.00
FS-D	Full text of paper back issues on 3.5 disks			$49.00
OA-001	***Volume 1*** January 1985 – Jan 1986			$9.95
OA-002	***Volume 2*** February 1986 – Jan 1987			$9.95
OA-003	***Volume 3*** February 1987 – Jan 1988			$9.95
OA-004	***Volume 4*** February 1988 – Jan 1989			$9.95
OA-005	***Volume 5*** February 1989 – Jan 1990			$14.95
OA-006	***Volume 6*** February 1990 – Jan 1991			$14.95
OA-007	***Volume 7*** February 1991 – Jan 1992		**NEW**	$14.95

A2-Central on disk

AD-1	***A2-Central*** on disk12 issues/yr, paper newsletter & 3.5 disk	1 year		$90.00
AD-2	**Our award-winning newsletter plus a monthly disk**	2 years		$168.00
AD-3	**filled with the best stuff we find online and in our mailbox.**	3 years		$240.00
A2-SAMP	***A2-Central*** on disk Sample Issue			$3.00
AD89FS	Annual Sets: 12 back issue disks Feb 89 to Jan 90			$60.00
AD90FS	Annual Sets: 12 back issue disks Feb 90 to Jan 91			$60.00
AD91FS	Annual Sets: 12 back issue disks Feb 91 to Jan 92			$60.00

Quarterly Sets	Feb/Mar/Apr	May/Jun/Jul	Aug/Sep/Oct	Nov/Dec/Jan	
1989	AD89S1	AD89S2	AD89S3	AD89S4	$18.00
1990	AD90S1	AD90S2	AD90S3	AD90S4	$18.00
1991	AD91S1	AD91S2	AD91S3	AD91S4	$18.00

SUBSCRIPTION CONVERSIONS: Figure out how many disks you'll get between the first one you want and the month your subscription expires and send us $4.75 per disk. **NEW SUBSCRIPTIONS:** By subscription, our disks cost for less than what most user groups charge for public domain 3.5 disks, just 4.67 per disk (($90 - $34) / 12).

HyperBole

HB1	***HyperBole*** 6 issues/yr, 3.5 disk, requires IIgs	1 year		$48.00
HB2	**A multimedia artistic and literary journal on disk.**	2 years		$87.00
HB3	**There's nothing else like it anywhere!**	3 years		$123.00
HB-SAMP	***HyperBole*** Sampler Disk			$3.00
HB-91S1	Semiannual disk set (Feb/Apr/Jun 91)			$20.00
HB-91S2	Semiannual disk set (Aug/Oct/Dec 91)			$20.00
HB-91FS	Annual disk set (Feb 91 to Dec 91)			$36.00

Books

CB-001	***The Apple IIc: Your First Computer***			$12.95
CO-004	***CompuShare: Your IIgs Guide***	(5/91)		$21.95
CO-003	***CompuShare: GS/OS Guide***	(5/91)		$9.95

System Disks

DA-002	***Apple: ProDOS 8 System Disk 3.3 (5.25 disk)***	APDA	**NEW**	$14.00
DA-006	***Apple: GS/OS System 6 (6–3.5 disks)***	APDA	**NEW**	$24.00

AppleWorks

Publications

TO1	***TimeOut-Central*** 6 issues/yr, 3.5 disk only	1 year		$48.00
TO2	**Editor Randy Brandt of Beagle & UltraMacros fame gives you**	2 years		$87.00
TO3	**the latest AppleWorks & TimeOut tips, macros, and wares.**	3 years		$123.00
TO-SAMP	***TimeOut-Central*** Sampler Disk			$3.00
TO90S1	Semiannual disk set (Sep/Nov/Mar 91)			$18.00
TO90S2	Semiannual disk set (May/July/Sep 91)			$18.00
TO90S2	Semiannual disk set (Nov/Jan 91/Mar 92)			$18.00
TO91FS	Annual disk set (Sep 90/Sep 91)			$32.00

Software

RT-001	***SuperWorks (MS-DOS AppleWorks clone)***	(9/91)		$199.00

Books

CB-008	***Pushing AppleWorks to the Limit***	(3/92)	**NEW**	$14.95
MH-010	***AppleWorks Made Easy***	(3/92)		$19.95
DB-001	***Using the DeskJet 500 Printer with AppleWorks***	(9/91)		$20.00
IN-006	***Aron: Using AppleWorks (Que)***	(6/90)		$21.95
AW-027	***Brown: Using AppleWorks GS***			$19.95

TimeOut UltraMacros

BB-005	***TimeOut UltraMacros (AppleWorks 3.0)***	(12/90)		$49.95
NA-001	***Munz: UltraMacros Primer***	(3/90)		$19.95
MM-002	***Ultra-AppleWorks (UltraMacros tutorial on 3.5 disk)***	(5/91)		$19.95
MM-003	***Ultra-AppleWorks (book, samples on 3.5 & 5.25)***	(5/91)		$24.95
BB-006	***MacroEase (requires UltraMacros 3.0)***	(12/90)		$34.95
MM-001	***Ultra AWesome Macros (requires UltraMacros 3.0)***	(3/91)		$19.95
MM-004	***Ultra AWesome Macros II (requires UltraMacros 3.0)***	(3/92)		$19.95

Enhancements

JE-010	***TotalControl (AppleWorks 3.0)***	(7/91)	$49.95
JH-001	***Writeworks (Writer's project management)***	(8/91)	$39.95
JE-001	***FlexiCal (AppleWorks 2.x or 3.0)***	(7/90)	$30.00
JE-007	***DoubleData Version 2.0 (AppleWorks 3.0)***	(7/90)	$40.00

Patch programs

BB-004	***Beagle AppleWorks 3.0 Companion Plus***	(5/90)	$39.95

Multimedia

Publications

SC1	***Studio City*** 6 issues/yr, 3.5 disk only (formerly Stack-Central)	1 year		$48.00
SC2	**The lastest tips and news for creators of HyperStudio**	2 years		$87.00
SC3	**stacks. Tutorials, examples, clip art & sounds, and more.**	3 years		$123.00
SC-SAMP	***Studio City*** Sampler Disk			$3.00
SC90S1	Semiannual disk set (Feb/Apr/Jun 90)			$20.00
SC90S2	Semiannual disk set (Aug/Oct/Dec 90)			$20.00
SC91S1	Semiannual disk set (Feb/Apr/Jun 91)			$20.00
SC91S2	Semiannual disk set (Aug/Oct/Dec 91)			$20.00
SC90FS	Annual disk set (Feb 90 to Dec 90)			$36.00
SC91FS	Annual disk set (Feb 91 to Dec 91)			$36.00
HC1	***Script-Central*** 6 issues/yr, 3.5 disk only	1 year		$48.00
HC2	**All about Apple's HyperCard IIgs and HyperTalk, its scripting**	2 years		$87.00
HC3	**language. Your letters, our XCMDs, Tools, Buttons – awesome!**	3 years		$123.00
HC1	***Script-Central*** Sampler Disk			$3.00
HC91S1	Semiannual disk set (July/Sep/Nov 91)			$20.00

Books

AW-042	***Apple: Hypercard IIgs Script Guide***	(3/91)	$23.99
AW-034	***Apple: Hypercard Stack Design***		$16.95

Multimedia software

RW-005	***HyperStudio (for IIgs) VERSION 3.0***	(1/90)	$125.00
RW-009	***HyperStudio Xcommands, Vol 1***	(11/90)	$39.95
GC-001	***Nexus (for IIgs)***	(12/90)	$69.95
AP-002	***HyperCard IIgs***	(3/91)	$99.00

Clip art

RW-007	***HyperStudio Clip-Art, Vol 1***	(11/90)	$19.95
RW-011	***HyperStudio Clip-Art, Vol 2***	(3/91)	$24.95
TV-002	***ClipArt Plus***	(3/91)	$39.95
DS-011	***ClipVision 1.1***	(3/91)	$29.95

Sound

RW-008	***HyperStudio Clip-Sounds, Vol 1***	(11/90)	$19.95
TV-001	***ClipTunes (2 disks)***	(3/91)	$39.95
DS-012	***ClipSounds (10 disks)***	(3/91)	$59.95
DS-013	***ClipSounds Vol 2 (5 disks)***	(1/92)	$29.95

Desktop Publishing

Fonts

SH-005	***Font Factory***	(12/91)	$39.95
FC-001	***A2-Central Font Collection***	(3/90)	$39.00

8 3.5 disks of fonts in ShrinkIt format

See next month's catalog for more listings

Graphics/Imaging

Imaging

VI-001	***Quickie Scanner***	(10/90)	$219.95
DV-001	***B&W ComputerEyes Video Digitizer (IIe)***	(12/90)	$119.95
DV-002	***Enhancement Software***	(12/90)	$22.95
DV-003	***IIgs Support Software for B&W Computer Eyes***	(12/90)	$22.95

Graphics

BB-007	***Platinum Paint (for IIgs)***	(3/91)	$79.00
BB-008	***Beagle Draw (for IIgs)***	(11/91)	$69.00
SH-003	***Jason Harper's SuperConvert (for IIgs)***	(7/91)	$39.95
RW-004	***Graphics Exchange (for IIgs)***	(1/90)	$37.50
RW-013	***Graphics Exchange Library Disk #1***	(12/91)	$29.95
RW-012	***Desktop Screen Saver (for IIgs)***	(3/91)	$24.95
RI-001	***Second Chance (image enhancement software, IIgs)***	(11/90)	$39.95

Telecommunications

Sorry, no room this month. See next month's catalog

IIe/IIc Programming

Publications

8/16-Central, our publication for Apple II programmers, was published monthly from March 1990 to October 1991.

ESBI3	Any three ***8/16-Central*** back issues (3 disks at $5 each)		$15.00
ESFS	All ***8/16-Central*** back issues (20 disks at $3.95 each)		$79.00

Applesoft books

AW-040	***Critchfield/Dwyer: Bit of Applesoft***	(9/90)	$9.95
AW-039	***Myers: Graphics for the Apple II***	(9/90)	$9.95
AW-010	***Apple: Applesoft Tutorial (w/disk)***		$29.95
AW-021	***Apple: Applesoft Programmer's Reference***		$22.95

Applesoft development tools

DA-001	***Apple: Apple Filecard Toolkit***	APDA **NEW**	$19.00
BB-003	***Program Writer (Applesoft program editor)***	(1/90)	$37.50
BB-002	***Beagle Compiler (ProDOS Applesoft compiler)***	(1/90)	$59.00
KS-001	***Microdot (Basic.system replacement)***	(9/91)	$29.95
IS-002	***Basic Help (Online Reference & Help)***		$49.95

Pascal

Books

AW-037	***Seiter/Weiss: Pascal for Basic Prgmrs***	(9/90)	$12.95

Tools

DA-024	***Apple: Apple II Pascal V 1.3***	APDA **NEW**	$69.00
DA-003	***Apple: Apple II Pascal Desktop Toolkit***	APDA **NEW**	$30.00
DA-001	***Apple: Apple Filecard Toolkit***	APDA **NEW**	$19.00

Other languages

MS-002	***Micol Advanced BASIC for IIe/IIc***	(1/90)	$89.00
DA-004	***Apple: Apple II SuperPILOT***	APDA **NEW**	$69.00

ProDOS 8

DA-021	***Apple: Apple High Speed SCSI Card Utilities***	APDA **NEW**	$30.00
AW-024	***Apple: BASIC Programming with ProDOS (w/disk)***		$29.95
AW-023	***Apple: ProDOS 8 Tech Ref (w/disk)***		$29.95
TB-006	***Doms/Weishaar: ProDOS Inside and Out***	(6/88)	$16.95
DS-002	***disk for this book***		$10.00

DOS 3.3

DA-022	***Apple: DOS 3.3 User's Manual (supply limited)***	APDA **NEW**	$20.00
DA-023	***Apple: DOS 3.3 Programmer's Manual (supply lmtd)***	APDA **NEW**	$20.00
AW-038	***Wintermeyer: Applesoft Toolbox***	(9/90)	$9.95

Technical references

QS-002	***Sather: Understanding the Apple II***		$22.95
QS-003	***Sather: Understanding the Apple IIe***		$24.95
AW-003	***Apple: Apple IIe Technical Reference***		$24.95
AW-004	***Apple: Apple IIc Technical Reference***		$24.95
DA-007	***Apple: Apple IIc Tech Ref 2nd Ed (1989)***	APDA **NEW**	$30.00
DA-008	***Apple: Apple IIc Memory Card Reference***	APDA **NEW**	$15.00

6502 assembly language

Books

AW-012	***Finley/Myers: Asm Lang for Applesoft Prgmmer***	(8/88)	$18.95
RW-001	***Wagner: Assembly Lines: The Book***	(6/88)	$19.95
DS-004	***disk for this book***		$15.95

Tools

DA-005	***Apple: ProDOS Assembly Tools***	APDA **NEW**	$35.00
DA-025	***Apple: Desktop Toolkit***	APDA **NEW**	$30.00
DA-001	***Apple: Apple Filecard Toolkit***	APDA **NEW**	$19.00
PD-001	***ProDev 6502 Debugger for IIe***	(3/91)	$189.00

Other hardware

DA-009	***Apple: Apple Memory Card (Slinky) Reference***	APDA **NEW**	$15.00
DA-010	***Apple: Apple SCSI Card Reference***	APDA **NEW**	$15.00
DA-011	***Apple: Video Overlay Card Developers Kit***	APDA **NEW**	$19.00
DA-012	***Apple: Apple II appleShare Programmers Guide***	APDA **NEW**	$30.00

IIgs Programming

Technical manuals

GS/OS

DA-027	***Apple: GS/OS Device Driver Reference***	APDA **NEW**	$29.00
AW-026	***Little: Exploring Apple GS/OS and ProDOS 8***	(1/89)	$21.95
DS-006	***disk for this book (3.5)***		$15.00
AW-041	***Apple: Apple IIgs GS/OS Reference***		$28.95

Technical references

AW-017	***Little: Exploring the Apple IIgs***	(6/88)	$22.95
DS-007	***disk for this book (3.5)***		$20.00
AW-018	***Apple: Technical Introduction to the Apple IIgs***		$9.95
AW-011	***Apple: Programmer's Intro to IIgs (w/disk)***		$32.95
AW-022	***Apple: Apple IIgs Firmware Reference***		$24.95
DA-026	***Apple: Apple IIgs Firmware Reference 3.0 Update***	APDA **NEW**	$12.00
AW-002	***Apple: Apple IIgs Hardware Reference***		$26.95
AW-001	***Apple: Apple Numerics Reference***		$29.95
AW-014	***Apple: Human Interface Guidelines***		$14.95
DA-014	***Apple: Xref (Combined index/glossary)***	APDA **NEW**	$20.00

Toolbox manuals

CB-005	***Gookin/Davis: Mastering the IIgs Toolbox***	(8/88)	$19.95
CB-007	***Gookin/Davis: Adv Prog Tech for IIgs Toolbox***	(9/88)	$19.95
AW-019	***Apple: Apple IIgs Toolbox Reference, Vol 1***		$26.95
AW-006	***Apple: Apple IIgs Toolbox Reference, Vol 2***		$26.95
AW-036	***Apple: Apple IIgs Toolbox Reference, Vol 3***		$39.95

High-level language tools

HyperTalk

AP-002	***HyperCard IIgs***	(3/91)	$99.00

Pascal

DA-018	***Apple: MPW IIgs Pascal V 1.0.1***	APDA **NEW**	$175.00
BW-001	***ORCA/Pascal***	(11/90)	$90.00
BW-002	***Byte Works Learn to Program in Pascal Tutorial***	(11/90)	$50.00

C

DA-017	***Apple: MPW IIgs C V 1.0.1***	APDA **NEW**	$150.00
BW-003	***ORCA/C***	(11/90)	$90.00
BW-004	***Byte Works Learn to Program in C Tutorial***	(11/90)	$50.00

BASIC

MS-001	***Micol Advanced BASIC for the IIgs***	(1/90)	$99.00

Assembly language tools

CB-002	***Wagner: IIgs Machine Lang for Beginners***	(8/88)	$19.95
DS-005	***disk for this book (3.5)***		$15.95
SS-005	***Lichty/Eyes: Programming the IIgs in Asm Lang***		$29.95
DS-008	***disk for this book for APW***		$20.00
DS-009	***disk for this book for Merlin***	(11/90)	$10.00
DS-010	***disk for this book for Orca/C***	(11/90)	$20.00

Assemblers

DA-016	***Apple: MPW IIgs Assembler V 1.0***	APDA **NEW**	$100.00
RW-002	***Merlin 8/16 (DOS 3.3, ProDOS 8, GS/OS)***	(1/90)	$99.00
BW-005	***ORCA/M Assembler VERSION 2.0***	(11/90)	$90.00
BW-008	***Merlin to Orca Source Converter***	(11/90)	$18.00

Disassemblers

BW-007	***ORCA Disassembler***	(11/90)	$30.00

Debuggers

DA-015	***Apple: GS Bug and Other Debugging Tools***	APDA **NEW**	$30.00
PD-002	***ProDev 65816 Debugger for IIgs***	(3/91)	$189.00

Universal development tools

DA-028	***Apple: Apple IIgs Icon Editor V 1.1***	APDA **NEW**	$10.00
DA-020	***Apple: Apple IIgs Source Code Sampler***	APDA **NEW**	$20.00
SS-007	***Genesys (GS/OS Resource Creator/Editor)***	(6/90)	$90.00
BW-009	***Talking Tools (text to speech pkg for ORCA langs)***	(9/91)	$49.95
SS-009	***Edit-16 APW/ORCA/Merlin replacement editor***	(3/91)	$49.95
BW-006	***Design Master (GS/OS Resource Creator)***	(11/90)	$57.00
JE-009	***Rose16 APW replacement editor***	(3/91)	$15.00
AW-033	***Programmer's Online Companion for the IIgs***	(1/90)	$37.50

Other hardware

DA-009	***Apple: Apple Memory Card (Slinky) Reference***	APDA **NEW**	$15.00
DA-010	***Apple: Apple SCSI Card Reference***	APDA **NEW**	$15.00
DA-011	***Apple: Video Overlay Card Developers Kit***	APDA **NEW**	$19.00
DA-012	***Apple: Apple II AppleShare Programmers Guide***	APDA **NEW**	$30.00

Mac Programmer's Workshop Cross-Development Suite

DA-019	***Apple: MPW IIgs Tools V 1.1***	APDA **NEW**	$50.00
DA-016	***Apple: MPW IIgs Assembler V 1.0***	APDA **NEW**	$100.00
DA-017	***Apple: MPW IIgs C V 1.0.1***	APDA **NEW**	$150.00
DA-018	***Apple: MPW IIgs TPascal V 1.0.1***	APDA **NEW**	$175.00

Hard Disk Drives

Hard drive books

CO-001	***CompuShare: Hard Drive Guide***	(5/91)	$14.95
NA-002	***Apple Hard Disk Primer***	(9/90)	$16.95

Ordering Information

Call us! Voice:913-469-6502 Fax:913-469-6507

Ordering Information

If you received this catalog in the envelope with one of our publications, there was also a one-sheet self-mailer in the envelope. Your name, address, expiration date, and account number are already imprinted on one side of the self-mailer—on the other side you'll find an order form. Please don't send us a photocopy of the form unless you **photocopy both sides.**

If you received this catalog without a self-mailer, write your order on a plain sheet of paper and send it to:

Resource Central, Inc.
P.O. Box 11250
Overland Park, KS 66207
913-469-6502 fax: 913-469-6507

Publications

Our flagship publication is the 8-page monthly newsletter ***A2-Central.*** It's designed to be an international information clearinghouse for Apple II users of every persuasion. Subscription prices are listed in the **In General** section of this catalog.

A newsletter/disk subscription to ***A2-Central*** is also available. You get both the paper newsletter and a 3.5 inch disk each month that's filled with useful goodies provided by our subscribers and guests.

We publish four additional 3.5-disk-based publications.

Resource Central Disk Sampler

Latest issue of *A2-Central* on disk, *TimeOut-Central, Script-Central,* and *Studio City* and *HyperBole* sample disks.

RC-SAMP **Resource Central Disk Sampler** $15.00

See the listings inside for prices: ***TimeOut-Central,*** for AppleWorks and TimeOut users (listed under **AppleWorks**), ***Stack-Central,*** for HyperStudio users (**HyperMedia**), ***Script-Central,*** for HyperCard IIgs users (**HyperMedia**), and ***Hyperbole,*** a literary and artistic journal on disk (**In General**).

Back Issues

Back issues of all our publications are available singly or in sets. Back issue sets are listed in the catalog with each publication. Single back issues of any of our disk publications cost $10 each. ***A2-Central*** on paper back issues are $2 each. Or you can get a full text of all ***A2-Central*** back issues for just $39. Please specify whether you want paper back issues or text files on 3.5 disks.

External hard drives (require SCSI card)

A2-007	*Resource Central 50 Meg*	(7/91)	$439.00*
A2-005	*Resource Central 100 Meg*	(5/91)	$549.00*
A2-006	*Resource Central 42 Meg Removable Media*	(5/91)	$699.00*
DC-007	*extra cartridges for 42 Meg drive*	(5/91)	$99.00
*	*Surface shipping to Canada or APO/FPO adrs*		$10.00
*	*Surface shipping to other points outside U.S.*		$20.00

SCSI cards

AP-001	*Apple High-Speed SCSI card*	(5/91)	$119.00
CT-SC	*CIRTECH SCSI card*	(5/91)	$129.00
CV-001	*RAMfast SCSI card*	(5/91)	$189.00

Disk management utilities

Sorry, no room this month. See next month's catalog

Memory Expansion Cards

IIgs memory expansion slot cards *(supply limited on Chinook & Cirtech)*

	Chinook (5/90) RAM 4000		CVTech (3/91) GS-Memory		Cirtech (9/90) Primo	
0K (empty)	CH-002-0	$65.00	CV-002-0	$65.00	CT-P0	$65.00
1 Megabyte	CH-002-1	$99.00	CV-002-1	$99.00	CT-P1	$99.00
2 Megabytes	CH-002-2	$159.00	CV-002-2	$159.00	CT-P2	$159.00
3 Megabytes	*not available*		CV-002-3	$219.00	*not available*	
4 Megabytes	CH-002-4	$279.00	CV-002-4	$279.00	CT-P4	$279.00

Memory chips

DRAM-256	*Set of 8 256K chips for standard memory cards*	$25.00
DRAM-1	*Set of 8 1-meg chips for standard memory cards*	$60.00
SRAM-32	*Set of 2 chips for StatDisk (64K)*	$30.00

Standard slot cards for IIe or IIgs

SD-4	*Cirtech StatDisk, 512K (Battery backed-up static*	(10/88)	$389.00
SD-8	*1 Meg RAMdisk, fast, quiet, extremely reliable)*		$699.00

AppleTalk Networks

Books

IN-002	*Hands on AppleTalk*	(3/90)	$21.95
AW-030	*Apple: Understanding Computer Networks*		$9.95
AW-035	*Apple: Inside AppleTalk*		$34.95

Network connectors

OE-001	*ModuNet 8-pin for IIe, IIgs, new Macs (special price till April 1)*	▼$16.95

Printers

Books

AW-008	*Apple: ImageWriter II Technical Reference*	$19.95
AW-025	*Apple: ImageWriter LQ Technical Reference*	$22.95
AW-028	*Apple: LaserWriter Reference*	$19.95
SY-003	*Campbell: The RS-232 Solution, 2nd Ed* (6/88)	$21.95

Dot matrix printers

DC-009	*Seikosha SP-2000AP Printer*	(2/92)	$249.00
DC-010	*ribbon (also fits SP-800/1000 and Tandy DMP-130)*	(2/92)	$4.50

Other Peripherals

Accelerator

ZC-001	*Zip GSX Accelerator for IIgs*	(3/91)	$199.00

Battery

NO-001	*Nite Owl Slide-On Battery Kit for IIgs*	(3/90)	$14.95

Math Coprocessor

IS-001	*Floating Point Engine*	(4/90)	$249.00

Disk Drives

AM-001	*AMR 3.5 drive (IIe with AM-002, IIgs)*	(1/90)		$189.00
AM-003	*AMR 5.25 drive (IIc / IIgs, Mac LC)*	(3/92)	NEW	$128.00
AM-002	*Laser 3.5 drive controller for IIe*	(1/90)		$59.00

Fans

NO-004	*Nite Owl Super Cooler Fan for IIgs*	(12/91)	$24.95
CTFAN-E	*CIRTECH Cool-It fan for Apple IIe*	(1/90)	$49.00

Monitors

DC-003	*Magnavox RGB Monitor for IIgs*	(9/90)	$319.00*
RC-005	*IIgs RGB cable for Magnavox monitor*		$23.00
*	*120 volts. Surface shipping outside U.S.*		$20.00

Other Topics

Data Base

SH-006	*ShoeBox*	(3/92)	NEW	$49.95

Other

CB-009	*Computel's Second Book of Apple*	(3/92)	NEW	$14.95
CB-010	*Mansfield: Apple Machine Language for Beginners*	(3/92)	NEW	$18.95
SS-006	*Cross-Works (ProDOS <—> MS-DOS)*	(4/90)		$79.95
TB-009	*Photonix II (requires IIgs)*	(5/91)		$45.00
TB-003	*Discovering Science on Your Apple*			$14.95
TB-004	*Horn: Smart Apples*	(6/88)		$12.95
FD-001	*Fastdata Pro (full-text search utility)*	(1/90)		$49.95
HS-011	*HowardSoft Tax Preparer (ships February '92)*	(12/91)		$199.00

Education

DR-001	*Diversi-Tune (for IIgs)*	(1/90)	$59.00
SB-001	*GSNumerics (for IIgs)*	(4/90)	$79.95
SB-001	*GSNumerics (for IIgs)*	(4/90)	$79.95
VS-001	*Vernier: Build a Better Mousetrap*	(7/88)	$24.95
VS-002	*Vernier: Chaos in the Laboratory*	(7/91)	$25.95

About this listing

Everything we carry doesn't fit in this catalog anymore. The date shown with each item indicates the catalog that has a longer description of the item. We give a full description the first time an item appears in the catalog.

Resource Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your publication.

April 1992

The A2-Central Summer Conference

Celebrating 15 years of Apple II computing

Time flies when you're having fun!

July 21 to 24

Join us again this year in Kansas City for the FOURTH annual ***A2-Central Summer Conference***.

Two-day Colleges

If you come for Tuesday and Wednesday's activities, you'll have your choice of one of three two-day developer colleges. One of these will an introduction to Pascal programming on the Apple IIgs, by Mike Westerfield, developer of the Orca series of development tools from The Byte Works. The second will be an introduction to C programming on the Apple IIgs, by Walker Archer and Gary Morrison. The third will be an intensive look at Apple IIgs Sound and Graphics programming, which will be led by Nate Trost, Chris McKinsey, and Bill Heineman.

KansasFest

If you come for Thursday and Friday's activities, you'll get our best summer conference ever — two days packed with sessions about the Apple II. Apple itself will once again attend this portion of our conference. In addition, we'll have a bunch of old-timers around to reminisce with you and a bunch of new timers to tell you about their dreams for the Apple II's next 15 years.

Facilities

Like last year's summer conference, most of our sessions will be held at a state-of-the-art conference facility owned by the National Office Machine Dealer's Association (NOMDA) in Kansas City, Mo. This facility is within networking distance of Avila College, where our conference has been held in the past and where, once again, we'll be able to provide dormitory rooms and meals to those who want to have the best time possible meeting and learning from other developers.

Make your plans to attend now. Whether you come for one day or more, we promise you'll enjoy the sessions you'll attend and the people you'll meet.

You must register by June 1 to get the best prices. We have *private* rooms available at Avila this year, or, if you prefer, choose double-occupancy and save some money. Avila's prices include evening and morning meals surrounding the nights of your stay. College and conference prices include lunch.

If you like, you can pay for the sessions only and make your own hotel and transportation arrangements. Or you can eat and stay at Avila for $30 a night ($40 for a private room). And, for $30 more, we'll arrange to have you met at the airport and brought directly to Avila and returned. This final option would cover ALL of your costs for the conference except airfare.

Facilities

If you'd like to make a presentation at this year's conference, send us a proposal by May 1. Tell us about your topic, intended audience, and equipment and time requirements. Presenters earn a discount!

Registration Information

		before	after
	Tuesday & Wednesday		
CONF-GS	***Graphics & Sound College***		
CONF-P	***Pascal College***	June 1	June 1
CONF-C	***C College***		
	College of choice (lunch incl)	$150	$175
	Thursday & Friday		
CONF	***KansasFest(lunch incl)***	$300	$350
	Accommodations		
TRANS	***Airport/Avila round trip***	$30	$35
AVILA-1	***2 Meals, Private Room, per day***	$40	$45
AVILA-2	***2 Meals, Double Room, per day***	$35	$35

Rooms at Avila include supper the night of your stay and breakfast the next morning. You must indicate which nights you want to stay at Avila. Accomodations are **not available** before Monday the 20th.

New Stuff

Pointless

In the Mac and MS-DOS worlds, the equivalent program to ***Pointless*** is the best-selling *Adobe Type Manager*. ***Pointless*** displays fonts on your screen or printer with sharp edges **at any point size.** ***Pointless*** works with any GS/OS program, including favorites like *HyperStudio, HyperCard IIgs, GraphicWriter III, Platinum Paint,* and *AppleWorks GS*.

Pointless works with the same TrueType fonts popular on the Macintosh. The package includes New York, Geneva, Courier and Courier Bold, Monaco, Chicago, and Symbol. Unlike IIgs fonts, you don't need a separate file for each point size. One TrueType font file and ***Pointless*** can create *any* size of type you want — without jaggies. Public Domain and ShareWare TrueType fonts are widely available in places such as our font library on GEnie.

WC-002 Pointless **$49.95**

DreamGraphix

DreamGraphix is a painting program. What makes it different from the others is that it allows you to create or edit 256-color and 3,200-color 320-mode SHR graphics. Other paint programs limit you to 16 colors.

DW-001 DreamGrafix **$74.95**

New Books

Planning and Managing Appletalk Networks

This new book from Apple and Addison-Wesley is the best guide we've seen to planning and maintaining an AppleTalk network. The book thoroughly discusses the principles of planning, managing, and trouble-shooting a network. Includes such topics as file sharing and electronic mail, connections to Ethernet and Token Ring, topologies, security, and maintenance guidelines.

AW-043 Planning Appletalk Networks **$18.95**

Ongoing Specials

ModuNet Network Connectors: Let your IIgs talk to your Macintosh. New package includes 7 foot modular telephone cable with each connector. Price expires April 1, 1992.

OE-001 ModuNet Network Connectors **$16.95**

Order any APDA item (order codes DA-001 through DA-027) and receive ***XRef***, a glossary and combined index of Apple manuals, **FREE!** You must include *XRef* on your order form and order by June 1, 1992.

System 6 News

GS/OS System 6 has not yet been released. If you've ordered it from us, we're holding your order and will ship your disks within a week of release.

Upcoming Products

Lots of neat stuff is upcoming, including the GS/OS System 6 Boxed Set, which includes the manuals you've been waiting for; and the GS/OS Golden Master CD-ROM, plugged to the jills with goodies.

We're also preparing to stock a new Apple IIgs personal accounting program called ***Your Money Matters.*** The demos we've seen have us drooling. The program includes graphing, budgeting, split and recurring transactions, and much much more.

In General

A2-Central

A2-1	***A2-Central*** 12 issues/yr, 8 pages	1 year	$34.00
A2-2	**An international clearinghouse of information for users of all**	2 years	$60.00
A2-3	**types of Apple IIs. Winner of Best Apple II Publication award.**	3 years	$84.00
FS-N	Full set of back issues in bound annual volumes and singles		$49.00
FS-D	Full text of paper back issues on 3.5 disks		$49.00
OA-001	***Volume 1*** January 1985 – Jan 1986		$9.95
OA-002	***Volume 2*** February 1986 – Jan 1987		$9.95
OA-003	***Volume 3*** February 1987 – Jan 1988		$9.95
OA-004	***Volume 4*** February 1988 – Jan 1989		$9.95
OA-005	***Volume 5*** February 1989 – Jan 1990		$14.95
OA-006	***Volume 6*** February 1990 – Jan 1991		$14.95
OA-007	***Volume 7*** February 1991 – Jan 1992	**NEW**	$14.95

A2-Central on disk

AD-1	***A2-Central*** on disk12 issues/yr, paper newsletter & 3.5 disk	1 year	$90.00
AD-2	**Our award-winning newsletter plus a monthly disk**	2 years	$168.00
AD-3	**filled with the best stuff we find online and in our mailbox.**	3 years	$240.00
A2-SAMP	***A2-Central*** on disk Sample Issue		$3.00
AD89FS	Annual Sets: 12 back issue disks Feb 89 to Jan 90		$60.00
AD90FS	Annual Sets: 12 back issue disks Feb 90 to Jan 91		$60.00
AD91FS	Annual Sets: 12 back issue disks Feb 91 to Jan 92		$60.00

Quarterly Sets	Feb/Mar/Apr	May/Jun/Jul	Aug/Sep/Oct	Nov/Dec/Jan	
1989	AD89S1	AD89S2	AD89S3	AD89S4	$18.00
1990	AD90S1	AD90S2	AD90S3	AD90S4	$18.00
1991	AD91S1	AD91S2	AD91S3	AD91S4	$18.00

SUBSCRIPTION CONVERSIONS: Figure out how many disks you'll get between the first one you want and the month your subscription expires and send us $4.75 per disk. **NEW SUBSCRIPTIONS:** By subscription, our disks cost for less than what most user groups charge for public domain 3.5 disks, just 4.67 per disk (($90 - $34) / 12).

HyperBole

HB1	***HyperBole*** 6 issues/yr, 3.5 disk, requires IIgs	1 year	$48.00
HB2	**A multimedia artistic and literary journal on disk.**	2 years	$87.00
HB3	**There's nothing else like it anywhere!**	3 years	$123.00
HB-SAMP	***HyperBole*** Sampler Disk		$3.00
HB-91S1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
HB-91S2	Semiannual disk set (Aug/Oct/Dec 91)		$20.00
HB-91FS	Annual disk set (Feb 91 to Dec 91)		$36.00

System Disks

DA-002	***Apple: ProDOS 8 System Disk 3.3 (5.25 disk)***	APDA	**NEW**	$14.00
DA-006	***Apple: GS/OS System 6 (6–3.5 disks)***	APDA	**NEW**	$24.00

AppleWorks

Publications

TO1	***TimeOut-Central*** 6 issues/yr, 3.5 disk only	1 year	$48.00
TO2	**Editor Randy Brandt of Beagle & UltraMacros fame gives you**	2 years	$87.00
TO3	**the latest AppleWorks & TimeOut tips, macros, and wares.**	3 years	$123.00
TO-SAMP	***TimeOut-Central*** Sampler Disk		$3.00
TO90S1	Semiannual disk set (Sep/Nov/Mar 91)		$18.00
TO91S1	Semiannual disk set (May/July/Sep 91)		$18.00
TO91S2	Semiannual disk set (Nov/Jan 91/Mar 92)		$18.00
TO91FS	Annual disk set (Sep 90/Sep 91)		$32.00

Software

RT-001	***SuperWorks (MS-DOS AppleWorks clone)***	(9/91)	$199.00

Books

CB-008	***Pushing AppleWorks to the Limit***	(3/92)	$14.95
MH-010	***AppleWorks Made Easy***	(3/92)	$19.95
DB-001	***Using the DeskJet 500 Printer with AppleWorks***	(9/91)	$20.00
IN-006	***Aron: Using AppleWorks (Que)***	(6/90)	$21.95
AW-027	***Brown: Using AppleWorks GS***		$19.95

TimeOut UltraMacros

BB-005	***TimeOut UltraMacros (AppleWorks 3.0)***	(12/90)	$49.95
NA-001	***Munz: UltraMacros Primer***	(3/90)	$19.95

Enhancements

JE-008	***Outline 3.0 (AppleWorks 3.0)***	(9/90)	$39.00
JE-005	***Pathfinder (AppleWorks 3.0)***	(7/90)	$20.00
JE-006	***SpellCopy (AppleWorks 3.0)***	(7/90)	$12.50
JE-010	***TotalControl (AppleWorks 3.0)***	(7/91)	$49.95
JH-001	***Writeworks (Writer's project management)***	(8/91)	$39.95
JE-001	***FlexiCal (AppleWorks 2.x or 3.0)***	(7/90)	$30.00
JE-007	***DoubleData Version 2.0 (AppleWorks 3.0)***	(7/90)	$40.00

Patch programs

BB-004	***Beagle AppleWorks 3.0 Companion Plus***	(5/90)	$39.95

Multimedia

Publications

SC1	***Studio City*** 6 issues/yr, 3.5 disk only (formerly Stack-Central)	1 year	$48.00
SC2	**The lastest tips and news for creators of HyperStudio**	2 years	$87.00
SC3	**stacks. Tutorials, examples, clip art & sounds, and more.**	3 years	$123.00
SC-SAMP	***Studio City*** Sampler Disk		$3.00
SC90S1	Semiannual disk set (Feb/Apr/Jun 90)		$20.00
SC90S2	Semiannual disk set (Aug/Oct/Dec 90)		$20.00
SC91S1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
SC91S2	Semiannual disk set (Aug/Oct/Dec 91)		$20.00
SC90FS	Annual disk set (Feb 90 to Dec 90)		$36.00
SC91FS	Annual disk set (Feb 91 to Dec 91)		$36.00
HC1	***Script-Central*** 6 issues/yr, 3.5 disk only	1 year	$48.00
HC2	**All about Apple's HyperCard IIgs and HyperTalk, its scripting**	2 years	$87.00
HC3	**language. Your letters, our XCMDs, Tools, Buttons – awesome!**	3 years	$123.00
HC1	***Script-Central*** Sampler Disk		$3.00
HC91S1	Semiannual disk set (July/Sep/Nov 91)		$20.00

Books

AW-042	***Apple: Hypercard IIgs Script Guide***	(3/91)	$23.99
AW-034	***Apple: Hypercard Stack Design***		$16.95

Multimedia software

RW-005	***HyperStudio (for IIgs) VERSION 3.0***	(1/90)	$125.00
RW-009	***HyperStudio Xcommands, Vol 1***	(11/90)	$39.95
GC-001	***Nexus (for IIgs)***	(12/90)	$69.95
AP-002	***HyperCard IIgs***	(3/91)	$99.00

Clip art

RW-007	***HyperStudio Clip-Art, Vol 1***	(11/90)	$19.95
RW-011	***HyperStudio Clip-Art, Vol 2***	(3/91)	$24.95
TV-002	***ClipArt Plus***	(3/91)	$39.95
DS-011	***ClipVision 1.1***	(3/91)	$29.95

Sound

RW-008	***HyperStudio Clip-Sounds, Vol 1***	(11/90)	$19.95
TV-001	***ClipTunes (2 disks)***	(3/91)	$39.95
DS-012	***ClipSounds (10 disks)***	(3/91)	$59.95
DS-013	***ClipSounds Vol 2 (5 disks)***	(1/92)	$29.95

Desktop Publishing

Desktop Publishing Software

TW-001	***Publish It 4 (Enhanced IIe, any IIc or IIgs)***	(8/91)		$119.00
SH-004	***GraphicWriter III***	(12/91)		$99.95

Fonts

WC-002	***Pointless***	(4/92)	**NEW**	$49.95
SH-005	***Font Factory***	(12/91)		$39.95
FC-001	***A2-Central Font Collection***	(3/90)		$39.00
	8 3.5 disks of fonts in ShrinkIt format			

Graphics/Imaging

Imaging

VI-001	***Quickie Scanner***	(10/90)		$219.95
WC-001	***InWords (512K enhanced IIe or IIgs)***	(3/91)		$99.00

Graphics

DW-001	***DreamGraphix***	(4/92)	**NEW**	$74.95
BB-007	***Platinum Paint (for IIgs)***	(3/91)		$79.00
BB-008	***Beagle Draw (for IIgs)***	(11/91)		$69.00
SH-003	***Jason Harper's SuperConvert (for IIgs)***	(7/91)		$39.95
RW-004	***Graphics Exchange (for IIgs)***	(1/90)		$37.50
RW-013	***Graphics Exchange Library Disk #1***	(12/91)		$29.95
RW-012	***Desktop Screen Saver (for IIgs)***	(3/91)		$24.95
RI-001	***Second Chance (image enhancement software, IIgs)***	(11/90)		$39.95

Telecommunications

Telecommunications software

CS-001	***Talk Is Cheap***	(3/90)	$40.00
TH-001	***GEnie Master 4.0 (requires AWorks 3.0 & TIC or Point-to-Point)***		$20.00
KG-001	***Co-Pilot (GEnie interface for IIgs)***	(1/91)	$25.00
MD-003	***ProLine Bulletin Board System***	(11/91)	$149.95
MD-004	***ModemWorks***	(11/91)	$49.95

Books

CO-002	*CompuShare: Telecommunications Guide*	(5/91)	$12.95

Bundles

CD-002	*U.S. Modem Bundle (SC-001, CS-001, and 1 cable)*		$159.00

Modems

SC-001	*Supra 2400 baud modem (110 volts)*	(1/90)	$119.00
DC-008	*ViVa24m 2400 baud MNP 5 modem (110 volts)*	(3/91)	$169.00

Cables

RC-001	*6' cable for IIgs/IIc-Plus*	(1/90)	$15.00
RC-002	*6' cable for older IIc*	(1/90)	$15.00
RC-003	*6' cable for serial cards*	(1/90)	$15.00

IIe/IIc Programming

Applesoft

Books

CB-009	*Compute!'s Second Book of Apple*	(3/92)	$14.95
AW-040	*Critchfield/Dwyer: Bit of Applesoft*	(9/90)	$9.95
AW-039	*Myers: Graphics for the Apple II*	(9/90)	$9.95
AW-010	*Apple: Applesoft Tutorial (w/disk)*		$29.95
AW-021	*Apple: Applesoft Programmer's Reference*		$22.95

Tools

DA-001	*Apple: Apple Filecard Toolkit*	APDA	**NEW**	$19.00
BB-003	*Program Writer (Applesoft program editor)*	(1/90)		$37.50
BB-002	*Beagle Compiler (ProDOS Applesoft compiler)*	(1/90)		$59.00
KS-001	*Microdot (Basic.system replacement)*	(9/91)		$29.95
IS-002	*Basic Help (Online Reference & Help)*			$49.95

Pascal

Books

AW-037	*Seiter/Weiss: Pascal for Basic Prgmrs*	(9/90)	$12.95

Tools

DA-024	*Apple: Apple II Pascal V 1.3*	APDA	**NEW**	$69.00
DA-003	*Apple: Apple II Pascal Desktop Toolkit*	APDA	**NEW**	$30.00
DA-001	*Apple: Apple Filecard Toolkit*	APDA	**NEW**	$19.00

Other languages

MS-002	*Micol Advanced BASIC for IIe/IIc*	(1/90)		$89.00
DA-004	*Apple: Apple II SuperPILOT*	APDA	**NEW**	$69.00

ProDOS 8

DA-021	*Apple: Apple High Speed SCSI Card Utilities*	APDA	**NEW**	$30.00
AW-024	*Apple: BASIC Programming with ProDOS (w/disk)*			$29.95
AW-023	*Apple: ProDOS 8 Tech Ref (w/disk)*			$29.95
TB-006	*Doms/Weishaar: ProDOS Inside and Out*	(6/88)		$16.95
DS-002	*disk for this book*			$10.00

DOS 3.3

DA-022	*Apple: DOS 3.3 User's Manual (supply limited)*	APDA	**NEW**	$20.00
DA-023	*Apple: DOS 3.3 Programmer's Manual (supply lmtd)*	APDA	**NEW**	$20.00
AW-038	*Wintermeyer: Applesoft Toolbox*	(9/90)		$9.95
QS-001	*Beneath Apple Prodos*			$19.95

Technical references

DA-007	*Apple: Apple IIc Tech Ref 2nd Ed (1989)*	APDA	**NEW**	$30.00
DA-008	*Apple: Apple IIc Memory Card Reference*	APDA	**NEW**	$15.00

6502 assembly language

CB-010	*Mansfield: Apple Machine Language for Beginners*	(3/92)		$18.95
DA-005	*Apple: ProDOS Assembly Tools*	APDA	**NEW**	$35.00
DA-025	*Apple: Desktop Toolkit*	APDA	**NEW**	$30.00
DA-001	*Apple: Apple Filecard Toolkit*	APDA	**NEW**	$19.00
PD-001	*ProDev 6502 Debugger for IIe*	(3/91)		$189.00

Other hardware

DA-009	*Apple: Apple Memory Card (Slinky) Reference*	APDA	**NEW**	$15.00
DA-010	*Apple: Apple SCSI Card Reference*	APDA	**NEW**	$15.00
DA-011	*Apple: Video Overlay Card Developers Kit*	APDA	**NEW**	$19.00
DA-012	*Apple: Apple II AppleShare Programmers Guide*	APDA	**NEW**	$30.00

IIgs Programming

Technical manuals

GS/OS

DA-027	*Apple: GS/OS Device Driver Reference*	APDA	**NEW**	$29.00
AW-026	*Little: Exploring Apple GS/OS and ProDOS 8*	(1/89)		$21.95
DS-006	*disk for this book (3.5)*			$15.00
AW-041	*Apple: Apple IIgs GS/OS Reference*			$28.95

Technical references

AW-017	*Little: Exploring the Apple IIgs*	(6/88)		$22.95
DS-007	*disk for this book (3.5)*			$20.00
AW-018	*Apple: Technical Introduction to the Apple IIgs*			$9.95
AW-011	*Apple: Programmer's Intro to IIgs (w/disk)*			$32.95
AW-022	*Apple: Apple IIgs Firmware Reference*			$24.95
DA-026	*Apple: Apple IIgs Firmware Reference 3.0 Update*	APDA	**NEW**	$12.00
AW-002	*Apple: Apple IIgs Hardware Reference*			$26.95
AW-001	*Apple: Apple Numerics Reference*			$29.95
AW-014	*Apple: Human Interface Guidelines*			$14.95
DA-014	*Apple: Xref (Combined index/glossary)*	APDA	**NEW**	$20.00

Toolbox manuals

CB-005	*Gookin/Davis: Mastering the IIgs Toolbox*	(8/88)	$19.95
CB-007	*Gookin/Davis: Adv Prog Tech for IIgs Toolbox*	(9/88)	$19.95
AW-019	*Apple: Apple IIgs Toolbox Reference, Vol 1*		$26.95
AW-006	*Apple: Apple IIgs Toolbox Reference, Vol 2*		$26.95
AW-036	*Apple: Apple IIgs Toolbox Reference, Vol 3*		$39.95

High-level language tools

HyperTalk

AP-002	*HyperCard IIgs*	(3/91)	$99.00

Pascal

DA-018	*Apple: MPW IIgs Pascal V 1.0.1*	APDA	**NEW**	$175.00
BW-001	*ORCA/Pascal*	(11/90)		$90.00
BW-002	*Byte Works Learn to Program in Pascal Tutorial*	(11/90)		$50.00

C

DA-017	*Apple: MPW IIgs C V 1.0.1*	APDA	**NEW**	$150.00
BW-003	*ORCA/C*	(11/90)		$90.00
BW-004	*Byte Works Learn to Program in C Tutorial*	(11/90)		$50.00

BASIC

MS-001	*Micol Advanced BASIC for the IIgs*	(1/90)	$99.00

Assembly language tools

CB-002	*Wagner: IIgs Machine Lang for Beginners*	(8/88)	$19.95
DS-005	*disk for this book (3.5)*		$15.95
SS-005	*Lichty/Eyes: Programming the IIgs in Asm Lang*		$29.95
DS-008	*disk for this book for APW*		$20.00
DS-009	*disk for this book for Merlin*	(11/90)	$10.00
DS-010	*disk for this book for Orca/C*	(11/90)	$20.00

Assemblers

DA-016	*Apple: MPW IIgs Assembler V 1.0*	APDA	**NEW**	$100.00
RW-002	*Merlin 8/16 (DOS 3.3, ProDOS 8, GS/OS)*	(1/90)		$99.00
BW-005	*ORCA/M Assembler VERSION 2.0*	(11/90)		$90.00
BW-008	*Merlin to Orca Source Converter*	(11/90)		$18.00

Disassemblers

BW-007	*ORCA Disassembler*	(11/90)	$30.00

Debuggers

DA-015	*Apple: GS Bug and Other Debugging Tools*	APDA	**NEW**	$30.00
PD-002	*ProDev 65816 Debugger for IIgs*	(3/91)		$189.00

Universal development tools

DA-020	*Apple: Apple IIgs Source Code Sampler*	APDA	**NEW**	$20.00
SS-007	*Genesys (GS/OS Resource Creator/Editor)*	(6/90)		$90.00
BW-009	*Talking Tools (text to speech pkg for ORCA langs)*	(9/91)		$49.95
SS-009	*Edit-16 APW/ORCA/Merlin replacement editor*	(3/91)		$49.95
BW-006	*Design Master (GS/OS Resource Creator)*	(11/90)		$57.00
JE-009	*Rose16 APW replacement editor*	(3/91)		$15.00
AW-033	*Programmer's Online Companion for the IIgs*	(1/90)		$37.50

Other hardware

DA-009	*Apple: Apple Memory Card (Slinky) Reference*	APDA	**NEW**	$15.00
DA-010	*Apple: Apple SCSI Card Reference*	APDA	**NEW**	$15.00
DA-011	*Apple: Video Overlay Card Developers Kit*	APDA	**NEW**	$19.00
DA-012	*Apple: Apple II AppleShare Programmers Guide*	APDA	**NEW**	$30.00

Mac Programmer's Workshop Cross-Development Suite

DA-019	*Apple: MPW IIgs Tools V 1.1*	APDA	**NEW**	$50.00
DA-016	*Apple: MPW IIgs Assembler V 1.0*	APDA	**NEW**	$100.00
DA-017	*Apple: MPW IIgs C V 1.0.1*	APDA	**NEW**	$150.00
DA-018	*Apple: MPW IIgs TPascal V 1.0.1*	APDA	**NEW**	$175.00

Hard Disk Drives

Hard drive books

CO-001	*CompuShare: Hard Drive Guide*	(5/91)	$14.95
NA-002	*Apple Hard Disk Primer*	(9/90)	$16.95

Ordering Information

Call us! Voice:913-469-6502 Fax:913-469-6507

Ordering Information

If you received this catalog in the envelope with one of our publications, there was also a one-sheet self-mailer in the envelope. Your name, address, expiration date, and account number are already imprinted on one side of the self-mailer—on the other side you'll find an order form. Please don't send us a photocopy of the form unless you **photocopy both sides.**

If you received this catalog without a self-mailer, write your order on a plain sheet of paper and send it to:

Resource Central, Inc.
P.O. Box 11250
Overland Park, KS 66207
913-469-6502 fax: 913-469-6507

Publications

Our flagship publication is the 8-page monthly newsletter ***A2-Central.*** It's designed to be an international information clearinghouse for Apple II users of every persuasion. Subscription prices are listed in the **In General** section of this catalog.

A newsletter/disk subscription to ***A2-Central*** is also available. You get both the paper newsletter and a 3.5 inch disk each month that's filled with useful goodies provided by our subscribers and guests.

We publish four additional 3.5-disk-based publications. See the listings inside for prices: ***TimeOut-Central,*** for AppleWorks and TimeOut users (listed under **AppleWorks**), ***Stack-Central,*** for HyperStudio users (**HyperMedia**), ***Script-Central,*** for HyperCard IIgs users (**HyperMedia**), and ***Hyperbole,*** a literary and artistic journal on disk (**In General**).

Resource Central Disk Sampler

Latest issue of *A2-Central* on disk, *TimeOut-Central, Script-Central,* and *Studio City* and *HyperBole* sample disks.

RC-SAMP	**Resource Central Disk Sampler**	$15.00

Back Issues

Back issues of all our publications are available singly or in sets. Back issue sets are listed in the catalog with each publication. Single back issues of any of our disk publications cost $10 each. ***A2-Central*** on paper back issues are $2 each. Or you can get a full text of all ***A2-Central*** back issues for just $39. Please specify whether you want paper back issues or text files on 3.5 disks.

External hard drives (require SCSI card)

A2-007	*Resource Central 50 Meg*	(7/91)	$439.00*
A2-005	*Resource Central 100 Meg*	(5/91)	$549.00*
A2-006	*Resource Central 42 Meg Removable Media*	(5/91)	$699.00*
DC-007	*extra cartridges for 42 Meg drive*	(5/91)	$99.00
*	*Surface shipping to Canada or APO/FPO adrs*		$10.00
*	*Surface shipping to other points outside U.S.*		$20.00

SCSI cards

CT-SC	*CIRTECH SCSI card*	(5/91)	$129.00
CV-001	*RAMfast SCSI card*	(5/91)	$189.00

Disk management utilities

VI-002	*Salvation: Bakkup (Backup & Restore Utility)*	(10/90)	$37.00
VI-003	*Salvation: Renaissance (Optimization Utility)*	(10/90)	$37.00
VI-004	*Salvation: Exorciser (Virus exterminator)*	(10/90)	$34.00
VI-005	*Salvation: Wings (Program selector)*	(10/90)	$59.00
VI-007	*Salvation: Deliverance (Fix/edit disks)*	(12/90)	$37.00
VI-008	*Salvation Supreme (All 5 Salvation Packages)*	(1/91)	$99.00

Memory Expansion Cards

IIgs memory expansion slot cards *(supply limited on Chinook & Cirtech)*

	Chinook (5/90) RAM 4000		CVTech (3/91) GS-Memory		Cirtech (9/90) Primo	
0K (empty)	CH-002-0	$65.00	CV-002-0	$65.00	CT-P0	$65.00
1 Megabyte	CH-002-1	$99.00	CV-002-1	$99.00	CT-P1	$99.00
2 Megabytes	CH-002-2	$159.00	CV-002-2	$159.00	CT-P2	$159.00
3 Megabytes	*not available*		CV-002-3	$219.00	*not available*	
4 Megabytes	CH-002-4	$279.00	CV-002-4	$279.00	CT-P4	$279.00

Standard slot cards for IIe or IIgs

SD-4	*Cirtech StatDisk, 512K (Battery backed-up static*	(10/88)	$389.00
SD-8	*1 Meg RAMdisk, fast, quiet, extremely reliable)*		$699.00

AppleTalk Networks

Books

AW-043	*Planning & Managing AppleTalk Networks*	(4/92)	**NEW**	$18.95
IN-002	*Hands on AppleTalk*	(3/90)		$21.95
AW-030	*Apple: Understanding Computer Networks*			$9.95
AW-035	*Apple: Inside AppleTalk*			$34.95

Network connectors

OE-001	*ModuNet 8-pin for IIe, IIgs, new Macs (special price till April 1)*		▼$16.95

Printers

Books

AW-008	*Apple: ImageWriter II Technical Reference*		$19.95
AW-025	*Apple: ImageWriter LQ Technical Reference*		$22.95
AW-028	*Apple: LaserWriter Reference*		$19.95
SY-003	*Campbell: The RS-232 Solution, 2nd Ed*	(6/88)	$21.95
TB-012	*LaBadie: Build Your Own Laser Printer*	(7/91)	$16.95
CP-001	*East: Handbook of Printer Commands (3 vols)*	(11/88)	$89.95

GS/OS Printer Drivers

SH-002	*Seven Hills: Independence*	(3/91)	$29.95
VI-006	*Vitesse: Harmonie Printer/Parallel Card Drivers*	(12/90)	$37.00

Troubleshooting and repair

HS-004	*SAMS Computerfacts: ImageWriter I*	(8/88)	$24.95
HS-008	*SAMS Computerfacts: ImageWriter II*	(8/88)	$24.95

Dot matrix printers

DC-009	*Seikosha SP-2000AP Printer*	(2/92)	$249.00
DC-010	*ribbon (also fits SP-800/1000 and Tandy DMP-130)*	(2/92)	$4.50

Other Peripherals

Battery

NO-001	*Nite Owl Slide-On Battery Kit for IIgs*	(3/90)	$14.95

Disk Drives

AM-001	*AMR 3.5 drive (IIe with AM-002, IIgs)*	(1/90)	$189.00
AM-003	*AMR 5.25 drive (IIc / IIgs, Mac LC)*	(3/92)	$128.00
AM-002	*Laser 3.5 drive controller for IIe*	(1/90)	$59.00

Fans

NO-004	*Nite Owl Super Cooler Fan for IIgs*	(12/91)	$24.95
CTFAN-E	*CIRTECH Cool-It fan for Apple IIe*	(1/90)	$49.00

Monitors

DC-003	*Magnavox RGB Monitor for IIgs*	(9/90)	$319.00*
RC-005	*IIgs RGB cable for Magnavox monitor*		$23.00
*	*120 volts. Surface shipping outside U.S.*		$20.00

Other Topics

Desk accessories

SH-001	*Disk Access (disk management NDA)*	(11/90)	$30.00
RW-012	*Desktop Screen Saver*	(3/91)	$24.95
RW-003	*SoftSwitch (program switcher for IIgs)*	(1/90)	$45.00
RW-010	*Desktop Files Control (disk management NDA)*	(11/90)	$24.00
RW-006	*MacroMate (universal macros for IIgs)*	(1/90)	$37.50
SS-010	*Desktop Enhancer*	(1/91)	$24.95

Data Base

SH-006	*ShoeBox*	(3/92)	$49.95

Education

SB-001	*GSNumerics (for IIgs)*	(4/90)	$79.95
VS-001	*Vernier: Build a Better Mousetrap*	(7/88)	$24.95
VS-002	*Vernier: Chaos in the Laboratory*	(7/91)	$25.95

About this listing

Everything we carry doesn't fit in this catalog anymore. The date shown with each item indicates the catalog that has a longer description of the item. We give a full description the first time an item appears in the catalog.

Resource Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your publication.

July 1992

New Stuff

New Modems

Recent rapid changes in modem technology are starting to slow down and prices and standards are starting to settle. Now's the time to start thinking about upgrading to a more powerful modem.

Starting this month we're carrying a complete line of SupraModems. These modems work with any computer with an RS-232C port, including all Apple IIs (Apple IIe and II-Plus computers require an additional serial interface card). They are 100 per cent compatible with the industry-standard "AT" command set, automatically adjust to optimal protocol and rate, include everything you need except software and serial cable, and have a 5-year limited warranty.

The cheapest alternative, and still the best for those just beginning in telecommunications, is the Supra 2400 baud modem. We've been selling and using this one for over two years with excellent results. Now it's priced under $100!

For an additional $60 you can get the Supra 2400 baud modem with MNP5 and v.42bis. These are error correction and data compression protocols that reduce transmission errors and increase throughput up to four times when you're connected to another modem that supports MNP5 or v.42bis.

For those of you ready to upgrade to 9600 baud, we have the SupraModem 9600 v.32 and the top of the line v.32bis. These modems do everything the 2400 baud modems do, but they do it four times faster when you're connected to another industry-standard v.32 modem (six times faster, **14,400 baud,** when connected with v.32bis). They have a digital status display and are also include full send/receive fax capabilities when combined with compatible Class 1 or Class 2 Fax software (stand-alone fax software is not currently available for the Apple II series.)

SC-001	**SupraModem 2400**	**▼$99.95**
SC-003	**SupraModem 2400 Plus**	**$159.95**
SC-004	**SupraModem 9600 v.32**	**$279.95**
SC-005	**SupraModem 9600 v.32bis**	**$349.95**

System 6 News

Due to numerous requests, we've decided to make the Release Notes disk that comes with our System 6 update available separately.

Apple's complete System 6 package, with six disks and **user documentation,** is shipping soon. You can be among the first to get this package by letting us hold your order until they arrive. Your check will not be cashed nor your credit card billed until we ship.

DA-031	**Release Notes Disk**	**$4.00**
DA-006	**Apple: GS/OS System 6 ***	**$24.00**
DA-013	**Apple: Sys. 6 w/ User Manual**	**$39.00**

*** Update only. Update is shipping now!**

ORCA Debugger

Designed for debugging C and Pascal programs on the Apple IIgs, the *ORCA/Debugger* is the only source-level debugger available for debugging CDevs, XCMDs, 320-mode programs, and programs that run from the Finder. Similar to and compatible with *GSBug*, the *Orca/Debugger* has its own private text screen and the abilities to view memory or variables in any of 13 formats, to set or clear break points while a program is running, to see variables without typing their names, and to change the value of a variable. Includes a 60-page manual.

BW-010 ORCA Debugger $39.95

Toolbox Programming in Pascal Tutorial

ByteWorks' latest release in its Learn To Program series takes you beyond language skills into the world of Apple IIgs Toolbox programming. *Toolbox Programming in Pascal* teaches by example. The emphasis is on designing and writing real programs and building your own set of tools. Comes with over 400 pages of personal instruction and four disks of sample source code.

BW-011 Toolbox Programming w/ Pascal $75.00

GNO/ME

GNO/ME is a Unix-like Multitasking System for the Apple IIgs. Implemented as an extension to GS/OS, GNO switches between programs 60 times a second. The current release does not allow multiple desktop programs to run concurrently, however, you will be able to run one desktop program with any number of text applications. Distributed along with GNO is a growing Unix compatibility package. This allows you to compile many BSD Unix programs for use on the IIgs.

PR-001 GNO/ME (IIgs) $89.00

HyperMover

HyperMover is what you need to move HyperCard stacks between the IIgs and the Macintosh or back. The package includes one GS/OS and one Mac disk. Requires *HyperCard IIgs* and *HyperCard* for Macintosh. Does not translate Xcommands, but all other parts of your stacks will be transferred from one machine to the other.

DA-030 HyperMover (2-3.5 disks) $15.00

15th Birthday Binder

Subscribers outside the U.S. have pointed out to us for years that they can't obtain binders that have the rings in the right position for the three-hole punch we put in our newsletters and catalogs. As part of our 15th Anniversary of the Apple II celebration, we've had some black D-ring binders manufactured with our 15th Anniversary logo on the front, like this:

Each binder is big enough to hold a complete collection of ***Open-Apple/A2-Central.***

A2-008 15th Anniversary 3-Ring Binder $10.00

GraphicWriter III Special

Buy GraphicWriter III by Aug 1 and get FREE software from Seven Hills!

Send in your *GraphicWriter III* registration card along with a Resource Central purchase coupon and receive your choice of *Independence* or *Disk Access* FREE directly from Seven Hills Software.

GraphicWriter III is Seven Hills' hit desktop publishing program for the Apple IIgs. Includes a spell checker and advanced page layout features.

Independence is a package of printer drivers that allows you to print from any GS/OS program to Hewlett-Packard DeskJet and LaserJet printers. Amazing results become incredible if you also use *Pointless.*

Disk Access is a desk accessory that works inside any GS/OS program. It allows you to delete, rename, copy and move files and folders from within your application — without going back to the Finder.

SH-004	**GraphicWriter III**	**$99.95**
SH-002	**Independence**	**$29.95**
SH-001	**Disk Access**	**$30.00**

KansasFest

July 21-22: Two-day Colleges

Pascal College — Mike Westerfield
HyperStudio College — Jeff and Della Smith
C College — Walker Archer and Gary Morrison
IIgs Sound & Graphics College — Nate Trost, Chris McKinsey, Bill Heineman

July 23-24: KansasFest

Our best summer conference ever — two days packed with sessions like these about the Apple II.

- SimpleScript Secrets — Jeff Smith
- Interm. HyperStudio Techniques — Roger Wagner
- Making HyperStudio — Wagner & Kashmarek
  YOUR Platform: Writing Extras, NBA's and Transition for Fun & Profit
- Computer Peripheral Design — Chuck Kelly
- Introduction to Digital Electronics — Chuck Kelly
- File Transfer on the Apple IIgs — Joe Wankerl
- Finding Yourself in TextEdit — Steve Disbrow
- Writing Resource Editors — Mark Collins
- Customizing Your Applications — Brian Pietrzak
- UltraMacros: The New Choice for an Old Generation — Randy Brandt

July 25-26: Apple Central Expo

The Expo is a user-oriented show that draws Apple II users from across the country. The Expo, which is run by Event Specialists, will be held in the same building as our conference. For tickets to the Expo or to reserve exhibit space, call Events Specialists at 800-955-6630 (617-784-4531), or write them at 17 Lilac Road, Sharon, MA 02067

Registration Information

Tuesday & Wednesday

		before	after
CONF-HS	*HyperStudio College*		
CONF-GS	*Graphics & Sound College*	June 22	June 22
CONF-P	*Pascal College*		
CONF-C	*C College*		
	College of choice (lunch incl)	$150	$175

Thursday & Friday

CONF	*KansasFest(lunch incl)*	$300	$350

Saturday & Sunday

	Apple Central Expo	1-800-955-6630

Accommodations

TRANS	*Airport/Avila round trip*	$30	$35
AVILA-1	*2 Meals, Private Room, per day*	$40	$45
AVILA-2	*2 Meals, Double Room, per day*	$30	$35

You must attend a college or KansasFest to be eligible for a room at Avila. Room charge includes supper the night of your stay and breakfast the next morning. You must indicate which nights you want to stay at Avila. Accomodations are available from Monday the 20th to Sunday the 26th inclusive.

Call or write for a brochure

A2-Central

A2-Central

An international clearinghouse of information for users of all types of Apple IIs. Winner of Best Apple II Publication award in both 1990 and 1991.

A2-1	A2-Central 12 issues/yr, 8 pages	1 year	$34.00
A2-2		2 years	$60.00
A2-3		3 years	$84.00
FS-N	Full set of printed back issues		$49.00
FS-D	Full text of paper back issues on 3.5 disks		$49.00
OA-001	Volume 1 January 1985 – Jan 1986		$9.95
OA-002	Volume 2 February 1986 – Jan 1987		$9.95
OA-003	Volume 3 February 1987 – Jan 1988		$9.95
OA-004	Volume 4 February 1988 – Jan 1989		$9.95
OA-005	Volume 5 February 1989 – Jan 1990		$14.95
OA-006	Volume 6 February 1990 – Jan 1991		$14.95
OA-007	Volume 7 February 1991 – Jan 1992		$14.95

A2-Central on disk

Our award-winning newsletter plus a monthly disk filled with the best stuff we find online and in our mailbox. 12 issues per year, newsletter & 3.5 disk.

AD-1		1 year	$90.00
AD-2		2 years	$168.00
AD-3		3 years	$240.00
A2-Sam	A2-Central on Disk sample issue		$3.00

Quarterly Sets

	Feb/Mar/Apr	May/Jun/Jul	Aug/Sep/Oct	Nov/Dec/Jan	
1989	AD89S1	AD89S2	AD89S3	AD89S4	$18.00
1990	AD90S1	AD90S2	AD90S3	AD90S4	$18.00
1991	AD91S1	AD91S2	AD91S3	AD91S4	$18.00
1992	AD92S1	AD92S2			$18.00

Annual Sets

AD89FS	Feb 89 to Jan 90	$60.00
AD90FS	Feb 90 to Jan 91	$60.00
AD91FS	Feb 91 to Jan 92	$60.00

SUBSCRIPTION CONVERSIONS: Figure out how many disks you'll get between the first one you want and the month your subscription expires and send us $4.75 per disk. **NEW SUBSCRIPTIONS:** By subscription, our disks cost for less than what most user groups charge for public domain 3.5 disks, just 4.67 per disk (($90 - $34) / 12).

Getting Started

CB-001	The Apple IIc — Your First Computer		$12.95
CO-004	CompuShare: Your IIgs Guide	(5/91)	$21.95

System Disks

DA-002	Apple: ProDOS 8 System Disk (5.25 disk)	APDA*	$14.00
DA-031	Apple: System 6 Release Notes(3.5 disks)	APDA	$4.00
DA-006	Apple: GS/OS System 6 (6–3.5 disks & DA-031)		$24.00
DA-013	Apple: GS/OS System 6 w/ Manuals	APDA*	$39.00
DA-029	Apple: System 6 Golden Master CD ROM	APDA	$99.00

* Not yet shipping. We'll hold your order and ship when the product arrives.

Multimedia

Studio City

The latest tips and news for creators of HyperStudio stacks. Tutorials, examples, clip art & sounds, and more. 6 issues/yr, 3.5 disk only.

SC1	Studio City (formerly Stack-Central)	1 year	$48.00
SC2		2 years	$87.00
SC3		3 years	$123.00
SC-Sam	Studio City Sampler Disk		$3.00
SC90S1	Semiannual disk set (Feb/Apr/Jun 90)		$20.00
SC90S2	Semiannual disk set (Aug/Oct/Dec 90)		$20.00
SC91S1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
SC91S2	Semiannual disk set (Aug/Oct/Dec 91)		$20.00
SC92S1	Semiannual disk set (Feb/Apr/Jun 92)		$20.00
SC90FS	Annual disk set (Feb 90 to Dec 90)		$36.00
SC91FS	Annual disk set (Feb 91 to Dec 91)		$36.00

Script-Central

All about Apple's HyperCard IIgs and HyperTalk, its scripting language. Your letters, our XCMDs, Tools, Buttons – awesome!

HC1	Script-Central 6 issues/yr, 3.5 disk only	1 year	$48.00
HC2		2 years	$87.00
HC3		3 years	$123.00
HC-Sam	Script-Central Sampler Disk		$3.00
HC91S1	Semiannual disk set (July/Sep/Nov 91)		$20.00
HC91S2	Semiannual disk set (Jan/Mar/May 92)		$20.00
HC91FS	Annual disk set (July 91 to May 92)		$36.00

HyperBole

A multimedia artistic and literary journal on disk. There's nothing else like it anywhere! Requires IIgs

HB-91S1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
HB-91S2	Semiannual disk set (Aug/Oct/Dec 91)		$20.00
HB-92S1	Semiannual disk set (Feb/Apr/June 92)		$20.00
HBFS	All back issues (Feb 91 to June 92)		$54.00

Books

AW-042	Apple: Hypercard IIgs Script Guide	(3/91)	$23.99
AW-034	Apple: Hypercard Stack Design		$16.95

Multimedia software

RW-005	HyperStudio (for IIgs) VERSION 3.0	(1/90)	$125.00
RW-009	HyperStudio Xcommands, Vol 1	(11/90)	$39.95
GC-001	Nexus (for IIgs)	(12/90)	$69.95
AP-002	HyperCard IIgs VERSION 1.1	(6/92)	$69.00
AP-002UP	HyperCard IIgs 1.1 Upgrade	(6/92)	$21.00

requires Installer & Tour disk to be send with order

Clip art

TV-002	ClipArt Plus	(3/91)	$39.95
DS-011	ClipVision 1.1	(3/91)	$29.95
RW-007	HyperStudio Clip-Art, Vol 1	(11/90)	$19.95
RW-011	HyperStudio Clip-Art, Vol 2	(3/91)	$24.95

Sound

TV-003	Sound Convert	(3/92)	$39.95
TV-001	ClipTunes (2 disks)	(3/91)	$39.95
DS-012	ClipSounds (10 disks)	(3/91)	$59.95
DS-013	ClipSounds Vol 2 (5 disks)	(1/92)	$29.95
RW-008	HyperStudio Clip-Sounds, Vol 1	(11/90)	$19.95

Graphics/Imaging

Imaging

VI-001	Quickie Scanner	(10/90)	$219.95
WC-001	InWords OCR (512K enhanced IIe or IIgs)	(3/91)	$99.00

Graphics

DW-001	DreamGraphix	(4/92)	$74.95
BB-007	Platinum Paint (for IIgs)	(3/91)	$79.00
BB-008	Beagle Draw (for IIgs)	(11/91)	$69.00
SH-003	Jason Harper's SuperConvert (for IIgs)	(7/91)	$39.95
RW-004	Graphics Exchange (for IIgs)	(1/90)	$37.50
RW-013	Graphics Exchange Library Disk #1	(12/91)	$29.95
RW-012	Desktop Screen Saver (for IIgs)	(3/91)	$24.95
RI-001	Second Chance (IIgs image enhancement)	(11/90)	$39.95

Desktop Publishing

Desktop Publishing Software

SH-004	GraphicWriter III	(12/91)	$99.95
TW-001	Publish It 4 (Enhanced IIe, any IIc or IIgs)	(8/91)	$119.00
SH-008	Seven Hills: Formulate	(4/92)	$39.95

Fonts

WC-002	Pointless	(4/92)	$49.95
SH-005	Font Factory	(12/91)	$39.95
FC-001	A2-Central Font Collection	(3/90)	$39.00

8 3.5 disks of fonts in ShrinkIt format

AppleWorks

TimeOut-Central

Editor Randy Brandt of Beagle & UltraMacros fame gives you the latest AppleWorks & TimeOut tips, macros, and wares.

TO1	TimeOut-Central 6 issues/yr, 3.5 disk only	1 year	$48.00
TO2		2 years	$87.00
TO3		3 years	$123.00
TO-Sam	TimeOut-Central Sampler Disk		$3.00
TO90S1	Semiannual disk set (Sep/Nov/Mar 91)		$18.00
TO91S1	Semiannual disk set (May/July/Sep 91)		$18.00
TO91S2	Semiannual disk set (Nov/Jan 92/Mar 92)		$18.00
TO91FS	Annual disk set (Sep 90/Sep 91)		$32.00

Books

MH-010	AppleWorks Made Easy	(3/92)	$19.95
DB-001	Using the DeskJet 500 with AppleWorks	(9/91)	$20.00
IN-006	Aron: Using AppleWorks (Que)	(6/90)	$21.95
AW-027	Brown: Using AppleWorks GS		$19.95

Software

RT-001	SuperWorks (MS-DOS AppleWorks clone)	(9/91)	$199.00

TimeOut UltraMacros

BB-005	TimeOut UltraMacros (AppleWorks 3.0)	(12/90)	$49.95
BB-006	MacroEase (requires UltraMacros 3.0)	(12/90)	$34.95
NA-001	Munz: UltraMacros Primer	(3/90)	$19.95
MM-002	Ultra-AppleWorks (UltraMacros tutorial on 3.5 disk)		$19.95
MM-003	Ultra-AppleWorks (book, samples on 3.5 & 5.25)		$24.95
MM-001	Ultra AWesome Macros (UltraMacros 3.0)	(3/91)	$19.95
MM-004	Ultra AWesome Macros II (UltraMacros 3.0)	(3/92)	$19.95

Enhancements

JE-011	Mr. Invoice (AppleWorks 3.0)	(7/90)	$40.00
JE-011	DB Pix (AppleWorks 3.0)	(6/92)	$25.00
JE-010	TotalControl (AppleWorks 3.0)	(7/91)	$49.95
JE-008	Outliner 3.0 (AppleWorks 3.0)	(9/90)	$39.00
JE-007	DoubleData v2.0 (AppleWorks 3.0)	(7/90)	$40.00
JE-006	SpellCopy (AppleWorks 3.0)	(7/90)	$12.50
JE-005	Pathfinder (AppleWorks 3.0)	(7/90)	$20.00
JE-001	Flexical (AppleWorks 2.x or 3.0)	(7/90)	$30.00
JH-001	Writeworks (Writer's project management)	(8/91)	$39.95
FW-001	Elite Fantasy Football System	(8/91)	$79.95

Patch programs

BB-004	Beagle AppleWorks 3.0 Companion Plus	(5/90)	$39.95

Telecommunications

Books

CO-002	CompuShare: Telecommunications Guide	(5/91)	$12.95

Modems

SC-001	Supra 2400 baud modem (110 volts)	(1/90)	▼$99.95
SC-003	Supra 2400 baud modem V.MNP5	**NEW**	$159.95
SC-004	Supra 9600 baud modem V.32	**NEW**	$279.95
SC-005	Supra 9600 baud modem V.32bis	**NEW**	$349.95

Software

IS-003	ProTERM	(6/92)	$85.00
CS-001	Talk Is Cheap	(3/90)	$40.00
MD-003	ProLine Bulletin Board System V2.0	(11/91)	$199.95
MD-004	ModemWorks	(11/91)	$49.95
KG-001	Co-Pilot (GEnie interface for IIGS)	(1/91)	$25.00
TH-001	GEnie Master 4.0		$20.00

(requires AWorks 3.0 & TIC, Point-to-Point, or ProTerm)

Modem Cables

RC-001	6' cable for IIGS/IIc-Plus	(1/90)	$15.00
RC-002	6' cable for older IIc	(1/90)	$15.00
RC-003	6' cable for serial cards	(1/90)	$15.00

Education

BR-101	Cartooners (IIGS)	(6/92)	*$14.95
BR-102	Mixed-Up Mother Goose (IIGS)	(6/92)	*$14.95
BR-001	Yeager's Flight Trainer (IIe/IIc)	((6/92)	*$14.95
BR-103	Life & Death (IIGS)	(6/92)	*$14.95
BR-104	Mavis Beacon Typing Tutor(IIGS)	(6/92)	*$14.95

*** If you don't subscribe to any Resource Central publications, add $5 to the prices with stars by them.**

VS-001	Vernier: Build a Better Mousetrap	(7/88)	$24.95
VS-002	Vernier: Chaos in the Laboratory	(7/91)	$25.95
TB-003	Discovering Science on Your Apple		$14.95
TB-004	Horn: Smart Apples	(6/88)	$12.95
AW-013	Snyder: In Search of the Most Amazing Thing		$10.95
SB-001	GSNumerics (for IIGS)	(4/90)	$79.95

Hard Disk Drives

Hard drive books

CO-001	CompuShare: Hard Drive Guide	(5/91)	$14.95
NA-002	Apple Hard Disk Primer	(9/90)	$16.95

External hard drives

(require SCSI card)

A2-007	Resource Central 50 Meg	(7/91)	$439.00*
A2-005	Resource Central 100 Meg	(5/91)	$549.00*
A2-006	Resource Central 42 Meg Removable	(5/91)	$699.00*
DC-007	extra cartridges for 42 Meg drive	(5/91)	$99.00
*	Surface shipping to Canada or APO/FPO adrs		$10.00
*	Surface shipping to other points outside U.S.		$20.00

SCSI cards

AP-001	Apple SCSI card	(5/91)	$119.00
CV-001	RAMfast SCSI card	(5/91)	$189.00

Disk management utilities

GB-001	Prosel 8 (for IIe/IIc; 3.5, 5.25 on request)	(1/90)	$40.00
GB-002	Prosel 16 (includes Prosel 8 features)	(1/90)	$85.00
VI-003	Salvation: Renaissance (Disk Optimizer)	(10/90)	$37.00
VI-004	Salvation: Exorciser (Virus exterminator)	(10/90)	$34.00
VI-005	Salvation: Wings (Program selector)	(10/90)	$59.00
VI-002	Salvation: Bakkup (Backup & Restore)	(10/90)	$37.00
VI-007	Salvation: Deliverance (Fix/edit disks)	(12/90)	$37.00
VI-008	Salvation Supreme (5 Salvation Pkgs)	(1/91)	$99.00

Memory Cards

IIGS memory cards

Choose Chinook or Cirtech and take $15 off price shown. Offer good only while limited supplies last.

CVTech	Chinook	Cirtech		
CV-002-0	CH-002-0	CT-P0	No Memory	$65.00
CV-002-1	CH-002-1	CT-P1	1 Meg	$99.00
CV-002-2	CH-002-2	CT-P2	2 Megs	$159.00
CV-002-3	n/a	n/a	3 Megs	$219.00
CV-002-4	CH-002-4	CT-P4	4 Megs	$279.00

Memory chips

DRAM-256	Set of 8 256K chips for standard cards	$25.00
DRAM-1	Set of 8 1-meg chips for standard cards	$60.00
SRAM-32	Set of 2 chips for StatDisk (64K)	$30.00

Cirtech StatDisk

Battery backed-up static RAMdisk, fast, quiet, extremely reliable

SD-4	512K	(10/88)	$389.00
SD-8	1 Meg		$699.00

AppleTalk Networks

Books

AW-030	Apple: Understanding Computer Networks		$9.95
AW-043	Planning & Managing AppleTalk Networks	(4/92)	$18.95
IN-002	Hands on AppleTalk	(3/90)	$21.95
DA-012	Apple: Apple II AppleShare Prog Guide	APDA	$30.00
AW-035	Apple: Inside AppleTalk		$34.95

Network connectors

OE-001	ModuNet 8-pin for IIe, IIGS, new Macs	$19.95

Printers

GS/OS Printer Drivers

VI-006	Vitesse: Harmonie	(12/90)	$37.00
SH-002	Seven Hills: Independence	(3/91)	$29.95
SH-007	Seven Hills: Express Print Spooler	(4/92	$29.95

Books

Technical References

AW-008	Apple: ImageWriter II Technical Ref		$19.95
AW-025	Apple: ImageWriter LQ Technical Ref		$22.95
AW-028	Apple: LaserWriter Reference		$19.95

Troubleshooting and Repair

HS-004	SAMS Computerfacts: ImageWriter I	(8/88)	$24.95
HS-008	SAMS Computerfacts: ImageWriter II	(8/88)	$24.95

Other

SY-003	Campbell: The RS-232 Solution, 2nd Ed	(6/88)	$21.95
TB-012	LaBadie: Build Your Own Laser Printer	(7/91)	$16.95

Printer Cables

RC-007	6' cable for IIGS/IIc-Plus	(1/90)	$15.00
RC-006	6' cable for older IIc	(1/90)	$15.00
RC-008	6' cable for serial cards	(1/90)	$15.00

Other Hardware

Accelerator

ZC-001	Zip GSX Accelerator for IIGS	(3/91)	$199.00

Battery

NO-001	Nite Owl Slide-On Battery Kit for IIGS	(3/90)	$14.95
NO-005	Nite Owl ROM 3 Battery Kit for IIGS	**NEW**	$12.95

Fans

NO-004	Nite Owl Super Cooler Fan for IIGS	(12/91)	$24.95
CTFAN-E	CIRTECH Cool-It fan for Apple IIe	(1/90)	$49.00

Disk Drives

AM-003	AMR 5.25 drive (IIc / IIGS, Mac LC)	(3/92)	$128.00
AM-001	AMR 3.5 drive (will not work with IIc)		$189.00
AE-001	Applied Engineering 3.5 drive (IIGS)	(6/92)	$189.00
A2-001	10 generic, blank 3.5 disks	(4/90)	$9.49
A2-002	100 blank , continuous labels for 3.5 disks	(4/90)	$1.99
A2-003	10 Static-Guard binder pages. for 3.5 disks	(4/90)	$9.97

Math Coprocessor

IS-001	Floating Point Engine	(4/90)	$249.00

Monitors

DC-003	Magnavox RGB Monitor for IIGS	(9/90)	$319.00*
RC-005	IIGS RGB cable for Magnavox monitor		$23.00
*	120 volts. Surface shipping outside U.S.		$20.00

Other Topics

Desk accessories

SS-010	Desktop Enhancer	(1/91)	$24.95
SH-001	Disk Access (disk management NDA)	(11/90)	$30.00
RW-010	Desktop File Control (disk management)	(11/90)	$24.00
RW-012	Desktop Screen Saver	(3/91)	$24.95
RW-003	SoftSwitch (program switcher for IIGS)	(1/90)	$45.00
RW-006	MacroMate (universal macros for IIGS)	(1/90)	$37.50

Games

BR-001	Yeager's Flight Trainer (IIe/IIc)	(6/92)	*$14.95
BR-002	Zork Triology (IIe/IIc)	(6/92	*$14.95
BR-003	Pinball Construction Set (IIe/IIc)	(6/92	*$14.95
BR-004	Adventure Construction Set (IIe/IIc)	(6/92	*$14.95
BR-005	Shanghai (IIe/IIc)	(6/92	*$14.95
BR-105	Shanghai (IIGS)	(6/92	*$14.95
BR-103	Life & Death (IIGS)	(6/92)	*$14.95

*** If you don't subscribe to any Resource Central publications, add $5 to the above game prices.**

JE-002	I.O. Silver (5.25 only)	(7/90)	$20.00
NO-002	Shadowforge (Night Owl Journal, 3.5 only)	(9/90)	$12.95
NO-003	Wraith: Devil's Demise (3.5 only)	(9/90)	$12.95

MS-DOS

RT-001	SuperWorks (MS-DOS AppleWorks clone)	(9/91)	$199.00
SS-006	Cross-Works (ProDOS <—> MS-DOS)	(4/90)	$79.95

Other

QS-004	Bag of Tricks 2 (disk recovery program)	**NEW**	$29.95
AP-003	Apple II Guide Vol 1 (Fall 1990)	(3/91)	$4.00
AP-004	Apple II Guide Vol 2 (Spring 1992)	(6/92)	$4.00
TB-009	Photonix II (requires IIGS)	(5/91)	$45.00
FD-001	Fastdata Pro (full-text search utility)	(1/90)	$49.95
SH-006	ShoeBox	(3/92)	$49.95
PR-001	GNO/ME	**NEW**	$89.00
A2-008	15th Anniversary 3-Ring Binder	**NEW**	$10.00

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913-469-6502 fax: 913-469-6507

Publications

Our flagship publication is the 8-page monthly newsletter ***A2-Central.*** It's designed to be an international information clearinghouse for Apple II users of every persuasion. Subscription prices are listed in the **In General** section of this catalog.

A newsletter/disk subscription to ***A2-Central*** is also available. You get both the paper newsletter and a 3.5 inch disk each month that's filled with useful goodies provided by our subscribers and guests.

We publish four additional 3.5-disk-based publications. See the listings inside for prices: ***TimeOut-Central,*** for AppleWorks and TimeOut users (listed under **AppleWorks**), ***Studio City*** for HyperStudio users (**HyperMedia**), ***Script-Central,*** for HyperCard IIgs users (**HyperMedia**), and ***Hyperbole,*** a literary and artistic journal on disk (**In General**).

Resource Central Disk Sampler

Sample disks of *A2-Central* on disk, *TimeOut-Central*, *Script-Central*, and *Studio City*.

RC-SAMP	**Resource Central Disk Sampler**	$12.00

Back Issues

Back issues of all our publications are available singly or in sets. Back issue sets are listed in the catalog with each publication. Single back issues of any of our disk publications cost $10 each. ***A2-Central*** on paper back issues are $2 each. Or you can get a full text of all ***A2-Central*** back issues for just $49. Please specify whether you want paper back issues or text files on 3.5 disks.

IIe/IIc Programming

8/16-Central

8/16-Central , our publication for Apple II programmers, was published monthly from March 1990 to October 1991.

ESBI	Any 8/16-Central back issue on disk	$10.00
ESBI3	Any three back issues (3 disks at $5 each)	$15.00
ESFS	All back issues (20 disks at $3.95 each)	$79.00

Technical references

Apple II-Plus

QS-002	Sather: Understanding the Apple II	$22.95

Apple IIe

QS-003	Sather: Understanding the Apple IIe	$24.95
AW-003	Apple IIe Tech Ref	$24.95

Apple IIc

DA-007	Apple: Apple IIc Tech Ref 2nd Ed (1989)	APDA	$30.00
DA-008	Apple: Apple IIc Memory Card Reference	APDA	$15.00
HS-005	SAMS Computerfacts: IIc	(8/88)	$39.95

Other hardware

HS-003	SAMS Computerfacts: Disk II	(8/88)	$24.95
DA-009	Apple: Apple Memory Card (Slinky) Ref	APDA	$15.00
DA-010	Apple: Apple SCSI Card Reference	APDA	$15.00
DA-011	Apple: Video Overlay Card Developers Kit	APDA	$19.00
DA-012	Apple: Apple II AppleShare Prog Guide	APDA	$30.00

Applesoft

Books

AW-010	Apple: Applesoft Tutorial (w/disk)		$29.95
AW-021	Apple: Applesoft Programmer's Reference		$22.95
AW-040	Critchfield/Dwyer: Bit of Applesoft	(9/90)	$9.95
AW-039	Myers: Graphics for the Apple II	(9/90)	$9.95
CB-009	Compute!'s Second Book of Apple	(3/92)	$14.95

Tools

BB-003	Program Writer (Applesoft program editor)	(1/90)	$37.50
BB-002	Beagle Compiler (Applesoft compiler)	(1/90)	$59.00
MD-004	ModemWorks	(11/91)	$49.95
KS-001	Microdot (Basic.system replacement)	(9/91)	$29.95
IS-002	Basic Help (Online Reference & Help)	(7/91)	$29.95
DA-001	Apple: Apple Filecard Toolkit	APDA	$19.00

Pascal

Books

AW-037	Seiter/Weiss: Pascal for Basic Prgmrs	(9/90)	$12.95

Tools

DA-024	Apple: Apple II Pascal v1.3	APDA	$69.00
DA-003	Apple: Apple II Pascal Desktop Toolkit	APDA	$30.00
DA-001	Apple: Apple Filecard Toolkit	APDA	$19.00

Other languages

MS-002	Micol Advanced BASIC for IIe/IIc	(1/90)	$89.00
DA-004	Apple: Apple II SuperPILOT	APDA	$69.00

6502 assembly language

RW-001	Wagner: Assembly Lines: The Book	(6/88)	$19.95
DS-004	disk for this book		$15.95
AW-012	Finley: Asm Lang for Applesoft Prgmmrs	(8/88)	$18.95
CB-010	Mansfield: Apple Machine Lang Beginners	(3/92)	$18.95
DA-001	Apple: Apple Filecard Toolkit	APDA	$19.00
DA-025	Apple: Desktop Toolkit	APDA	$30.00
PD-001	ProDev 6502 Debugger for IIe	(3/91)	$189.00

DOS 3.3

DA-022	Apple: DOS 3.3 User's Manual	APDA	$20.00
DA-023	Apple: DOS 3.3 Programmer's Manual	APDA	$20.00
AW-038	Wintermeyer: Applesoft Toolbox	(9/90)	$9.95

ProDOS 8

QS-001	Beneath Apple ProDOS		$19.95
AW-024	Apple: BASIC Prog with ProDOS (w/disk)		$29.95
AW-023	Apple: ProDOS 8 Tech Ref (w/disk)		$29.95
TB-006	Doms/Weishaar: ProDOS Inside and Out	(6/88)	$16.95
DS-002	disk for this book		$10.00
DA-021	Apple: Apple SCSI Card Utilities	APDA	$30.00

IIgs Programming

8/16-Central

8/16-Central , our publication for Apple II programmers, was published monthly from March 1990 to October 1991.

ESBI	Any 8/16-Central back issue on disk	$10.00
ESBI3	Any three back issues (3 disks at $5 each)	$15.00
ESFS	All back issues (20 disks at $3.95 each)	$79.00

Technical manuals

GS/OS

AW-026	Little: Exploring GS/OS and ProDOS 8	(1/89)	$21.95
DS-006	disk for this book (3.5)		$15.00
AW-041	Apple: Apple IIgs GS/OS Reference		$28.95
DA-027	Apple: GS/OS Device Driver Reference	APDA	$29.00

Technical references

AW-017	Little: Exploring the Apple IIgs	(6/88)	$22.95
DS-007	disk for this book (3.5)		$20.00
AW-018	Apple: Technical Intro to the Apple IIgs		$9.95
AW-011	Apple: Programmer's Intro to IIgs (w/disk)		$32.95
AW-022	Apple: Apple IIgs Firmware Reference		$24.95
DA-026	Apple: Apple IIgs Firmware Ref 3.0 Update	APDA	$12.00
AW-002	Apple: Apple IIgs Hardware Reference		$26.95
AW-001	Apple: Apple Numerics Reference		$29.95
AW-014	Apple: Human Interface Guidelines		$14.95
DA-014	Apple: Xref (Combined index/glossary)	APDA	$20.00

Toolbox manuals

CB-005	Gookin/Davis: Mastering the IIgs Toolbox	(8/88)	$19.95
CB-007	Gookin/Davis: Adv Prog Tech IIgs Toolbox	(9/88)	$19.95
AW-019	Apple: Apple IIgs Toolbox Reference, Vol 1		$26.95
AW-006	Apple: Apple IIgs Toolbox Reference, Vol 2		$26.95
AW-036	Apple: Apple IIgs Toolbox Reference, Vol 3		$39.95

High-level language tools

HyperTalk

DA-030	HyperMover (2-3.5 disks)	**NEW**	$15.00
AP-002	HyperCard IIgs VERSION 1.1	(4/92)	$69.00

Pascal

BW-011	Toolbox Programming w/ Pascal	**NEW**	$75.00
BW-001	ORCA/Pascal	(11/90)	$90.00
BW-002	Byte Works Pascal Tutorial	(11/90)	$50.00
DA-018	Apple: MPW IIgs Pascal V 1.0.1	APDA	$175.00

C

BW-003	ORCA/C	(11/90)	$90.00
BW-004	Byte Works Learn to Program in C Tutorial	(11/90)	$50.00
DA-017	Apple: MPW IIgs C V 1.0.1	APDA	$150.00

BASIC

MS-001	Micol Advanced BASIC for the IIgs v4.0	(6/92)	$99.00

Assembly language tools

CB-002	Wagner: IIgs Machine Lang for Beginners	(8/88)	$19.95
DS-005	disk for this book (3.5)		$15.95
SS-005	Lichty/Eyes: Prog the IIgs in Asm Lang		$29.95
DS-008	disk for this book for APW		$20.00
DS-009	disk for this book for Merlin	(11/90)	$10.00
DS-010	disk for this book for Orca/C	(11/90)	$20.00

Assemblers

RW-002	Merlin 8/16 (DOS 3.3, ProDOS 8, GS/OS)	(1/90)	$99.00
BW-005	ORCA/M Assembler VERSION 2.0	(11/90)	$90.00
BW-008	Merlin to Orca Source Converter	(11/90)	$18.00

Disassemblers

BW-007	ORCA Disassembler	(11/90)	$30.00

Debuggers

BW-010	ORCA Debugger	**NEW**	$39.95
DA-015	Apple: GS Bug and Other Debugging Tools	APDA	$30.00
PD-002	ProDev 65816 Debugger for IIgs	(3/91)	$189.00

Universal development tools

BW-009	Talking Tools (text to speech pkg)	(9/91)	$49.95
DA-020	Apple: Apple IIgs Source Code Sampler	APDA	$20.00
SS-007	Genesys (Resource Creator/Editor)	(6/90)	$90.00
BW-006	Design Master (GS/OS Resource Creator)	(11/90)	$57.00
JE-009	Rose16 APW replacement editor	(3/91)	$15.00
SS-009	Edit-16 APW/ORCA/Merlin editor	(3/91)	$49.95
AW-033	Prog Online Companion for the IIgs	(1/90)	$37.50

Other hardware

DA-009	Apple: Apple Memory Card (Slinky) Ref	APDA	$15.00
DA-010	Apple: Apple SCSI Card Reference	APDA	$15.00
DA-011	Apple: Video Overlay Card Developers Kit	APDA	$19.00
DA-012	Apple: Apple II AppleShare Prog Guide	APDA	$30.00

MPW Cross-Development Suite

DA-019	Apple: MPW IIgs Tools v1.1	APDA	$50.00
DA-016	Apple: MPW IIgs Assembler v1.2	APDA	$100.00
DA-017	Apple: MPW IIgs C v1.0.1	APDA	$150.00
DA-018	Apple: MPW IIgs Pascal v1.1	APDA	$175.00

Resource Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your publication.

August 1992

Big news

Welcome *Nibble* readers!

Before there was an ***A2-Central,*** before ***Open-Apple,*** before I even bought my first Integer Basic Apple II, there was ***Nibble.*** But no more. In the midst of its 13th year, ***Nibble*** has ceased publication. The July 1992 issue was its last.

Those of you who were **Nibble** subscribers have received a postcard from Mike Harvey explaining that Resource Central will provide the remaining issues of your subscriptions.

- If you weren't already a subscriber to ***A2-Central,*** you will get exactly as many issues as you were due ***Nibble,*** even though our subscription price is a bit higher.
- If, on the other hand, you were a subscriber to both ***Nibble*** and ***A2-Central,*** your remaining ***Nibble*** issues will be added to your current ***A2-Central*** subscription.
- Unless, of course, you currently subscribe to our more expensive ***A2-Central-On-Disk.*** In this case we'll add one issue to your subscription for each three issues ***Nibble*** owed you (if there's a remainder after dividing by three we'll throw in an extra issue).

We've looked hard through our mailing lists to find those of you who were subscribers to both ***A2-Central*** and ***Nibble,*** but we didn't find as many double subscriptions as we expected. It may mean we missed a bunch of you despite our best efforts. If we did, you'll get two issues of ***A2-Central*** this month. If the postman does ring twice, please let us know (call us at 913-469-6502 or send us your new 5-digit customer ID from both newsletters — it's to the right of your name on the sheet that shows through our envelope's window) so we can get it straightened out before we mail our September issue.

About Resource Central

For those of you who are suddenly new around here, here's a brief introduction to Resource Central, Inc.

Our Publications. I'm Tom Weishaar. My career has revolved around the Apple II since 1980. I wrote software for Beagle Bros in the early 1980s and had a column in *Softalk* magazine called "DOStalk." When *Softalk* ceased publication in the summer of 1984, I decided to turn tragedy into opportunity by starting my own publication for Apple II users. That publication was originally called ***Open-Apple*** and it has since become ***A2-Central.*** It has always been an 8-page monthly newsletter. We're pretty proud of the fact that it has won the Best Apple II Publication Award for the last two years.

Many of our ***A2-Central*** subscribers pay extra to get a 3.5 inch disk in the envelope with their newsletter each month. We originally started our disk version so that we'd have a way to distribute the text of ***A2-Central*** in a file that could be accessed, using speech hardware, by our visually disabled subscribers. Then we decided to pack the remainder of the disk full of interesting public domain, freeware, and shareware files sent in by our subscribers or mined from online lodes and, as they say, the rest is history.

In addition to our monthly ***A2-Centrals,*** we do three software-specific publications that come out on disk every other month. These are ***Studio City,*** which is for *HyperStudio* users; ***Script-Central,*** which is for *HyperCard IIgs* users; and ***TimeOut-Central,*** which is for users of *AppleWorks* and the *TimeOut* series. You can find more information about all of our publications on the last page of this catalog.

Our Catalog. Early in the history of ***Open-Apple*** we offered our subscribers the opportunity to buy our back issues and books I had written about the Apple II. Over the months we added other Apple II products to our list that we felt were of high quality but that weren't usually available from local dealers. All of this has grown to the point that we stock and sell more Apple II-related books and developer-oriented software than anybody in the world. In January, we bought out the remaining Apple II stock of APDA, the Apple Programmers and Developers Association. We are now the official source of Apple's own documentation and developer tools for the Apple II series of computers.

Every other month this catalog will contain a complete list of the products we have available and their current prices. In alternate months, like this one, we'll introduce new products and reintroduce old ones so that you'll have a better idea of what these things are, what they do, and how to use them.

Our Summer Conference. July promises to be a busy month for us. Besides absorbing the ***Nibble*** subscribers and installing a new Unix-based order entry and tracking system, we're holding our 4th annual summer conference. The conference includes two days of colleges on Pascal, C, HyperStudio, and IIgs Sound and Graphics Programming; followed by two days of sessions covering technical issues related to the Apple II as well as the celebration of this year's 15th Anniversary of the Apple II; followed by a two-day Apple Central Expo, a user-oriented trade show run by Event Specialists. Our conference takes place in Kansas City July 21-24; the Expo is Saturday and Sunday July 25 and 26. For more information about our conference call us now at 913-469-6502; for more information about the Expo call Event Specialists at 800-955-6630.

GEnie. Besides all that, Resource Central manages the Apple II areas on GEnie, General Electric's online information service. More than 2,000 Apple II users visit us on GEnie each month (many of them several times a week). Our GEnie staff hosts real-time conferences every evening, manages the most-active and best-archived Apple II bulletin boards in the world, and oversees a library that has had 20,000 uploads. It's the best place to go to get the latest files, the hottest news, and the quickest answers to your questions.

About the future of the Apple II

We're all saddened by the passing of ***Nibble*** because it means that our favorite computer just isn't strong enough to support the large third-party industry it once did. But here at Resource Central we want to emphasize to you that the Apple II *is* strong enough to support

(continued on page 4)

Your Money Matters

Track your personal finances quickly and easily on your Apple IIGS. *Your Money Matters* is the program you've been waiting for!

Your Money Matters is a just-released home and small-business financial package for the Apple IIGS. It's fast, flexible, and easy to use. ***Your Money Matters*** has a wide range of features and its adherence to the Apple's Human Interface guidelines makes it easy to learn. We've been waiting for a program like this for years. Author Steve Peterson has spent the time studying other financial packages, taking the best features from each, and designing a solid commercial product with good documentation.

Your Money Matters allows you to keep track of your income, your expenses, your assets (what you own), and your liabilities (what you owe). You can categorize these accounts any way you like, or you can use the categories from the demonstration files provided with the program. You also can define up to 254 Tax IDs and add them to transactions.

After you have set up your accounts, you enter transactions that track the movement of money from one account to another. When you enter your paycheck, for example, ***Your Money Matters*** enters the transaction in an income account (paycheck) and an asset account (you'll probably use your bank checking account). You can see the transaction by looking in either account.

When you enter checks you write, ***Your Money Matters*** will record them in both your checking account and in the expense account you designate. ***Your Money Matters*** will allow you split a transaction (your paycheck can be split to various tax and insurance expense accounts, as well as to your checking account, for example). And ***Your Money Matters*** makes the entry of recurring transactions easy: you enter the transaction in a recurring transaction list and when you type in the first few characters of the payee name, the whole transaction is entered.

Your Money Matters allows you to compare your monthly expenses with the previous year and with budget amounts you enter. You can display this information as tables or as graphs. You can export or import data using tab-delimited text files like those AppleWorks can generate.

Some other highlights of Your Money Matters are:

- Like Classic AppleWorks, all data is loaded into memory to make the program fast.
- Prints checks, including payee address.
- Flexible sorting and selection criteria makes it easy to get the report or find the transaction you want.
- Online Help Screens for each menu item.
- Calculates annual rate of return on investments.
- You can budget accounts weekly, biweekly, monthly, semi-monthly,bimonthly, annually, or semiannually and you can have the budget amount increase/decrease a set percentage or amount each budget period.
- You can balance/reconcile any account, including credit cards, loans, IRAs, savings accounts, checkbooks, and so on.
- No copy protection
- Standard one-file GS/OS program. Works from a 3.5 or a hard disk. One data file per set of accounts (you can keep separate sets of accounts for as many people or businesses as you want).

SP-001 Your Money Matters **NEW $79.00**

Big Red

Indoor Sports

This month we're adding sports simulations to our selection of classics from the Big Red Computer Club. CAUTION: copy protected unless noted otherwise.

Baseball

Hardball brings baseball to your IIGS. Originally published by Accolade, ***Hardball*** puts you on the field and in the dugout as both player and manager. Hit and run, steal, sacrifice, go for double plays, juggle player line-up. *Joystick required.*

BR-106 Hardball (IIGS, joystick) **$14.95**

Football

Accolade's ***4th & Inches*** features the hard-hitting of real football: the bombs, the blitzing, and the goal line stands. *Joystick required.*

BR-107 4th & Inches (IIGS, joystick) **$14.95**

Basketball

Fastbreak features three-on-three, full court action with pro-style plays and television court perspective. Choose from 15 pro-style offenses and 5 defenses. Shoot 3-point bombs, soft jumpers, or rim-ripping slams. *Requires a joystick.*

One-on-One pits Julius Irving against Larry Bird. Don't break your backboard! *Requires a joystick.*

BR-108 Fastbreak (IIGS, joystick) **$14.95**
BR-006 One-On-One (IIe/IIc only, joystick) **$14.95**

Tennis

An action/strategy tennis simulation that emphasizes correct ball placement, timing, and stroke selection.

BR-109 Serve & Volley (IIGS) **$14.95**

Golf

Dean Cyboron at Big Red rates ***Jack Nicklaus Golf*** as the best sport simulation program available today. Screen views are what the player sees both when driving and when putting. Driving range available.

Mean 18 lets you play on three internationally-known tournament courses — St Andrews, Augusta National, and Pebble Beach. You can also design your own courses.

BR-110 Jack Nicklaus Golf (IIGS) **$14.95**
BR-111 Mean 18 (IIGS) **$14.95**

Miniature Golf

Zany Golf offers nine animated holes. You will experience moving windmills, bouncing hamburgers, and a working pinball machine. Allows 1 to 4 players. No copy protection.

Gnarly Golf's silly graphics and sneaky hints will keep you laughing. Eighteen totally outrageous holes to play and each is a game in itself. Part of accomplishing some holes is just finding the hole.

BR-112 Zany Golf (IIGS) **$14.95**
BR-113 Gnarly Golf (IIGS) **$14.95**

Skateboarding

Compete in five events: freestyle, jousting, downhill, jamming, and high jump.

BR-114 Skate or Die (IIGS) **$14.95**

Auto Racing

Race the Ferrari F40 against the Prosche 959, the world's fastest production cars. You can also go against the clock, race through picturesque scenery and contend with road hazards (including the police). Needs 1 meg of memory; joystick recommended.

BR-115 Test Drive II (IIGS) **$14.95**

If you don't subscribe to any Resource Central publications, add $5 to the above prices.

Other New Stuff

My Paint

My Paint is a painting program designed for young children. Children can draw their own pictures or "color" the pictures that come with the program. Each picture included with the program includes a sound. Educator approved, classroom tested. Extra coloring disks add new characters and sounds.

SG-001 My Paint **$49.95**
SG-002 Alphabet Fun Coloring Disk **$19.95**
SG-003 Majelix Characters Coloring Disk **$19.95**

Battery for ROM 3 Apple IIGS

The same famous Nite Owl battery we've sold hundreds of, but this one slips right into the battery holder on newer IIGS machines. On the older IIGS, the battery is soldered onto the motherboard. When it goes bad you have to clip it off. The more expensive Nite Owl Slide-On battery has dohickeys on each end that connect to the battery leads on the older motherboard. This battery doesn't have the dohickeys.

NO-005 Nite Owl Battery for ROM 3 IIGS **$12.95**

Animated Icons

Three disks of animations for *HyperStudio* and *HyperCard IIGS*. Train, flower, flag, frog, bird, faucet, pump, fan, fire, and lots more. Includes tutorial stack on how to use in your own stacks.

TV-004 Animated Icons **$29.95**

Apple IIGS Technical Library

50
45
30
30
#155

by Special Arrangement with Addison-Wesley and Apple Computer

Apple IIGS Technical Library Set--$49.95

Limited Time Offer--Available only through Resource Central!

As a special welcome to our new subscribers coming over from ***Nibble,*** we've once again made special arrangements with Addison-Wesley and Apple Computer to offer the six books at the heart of the Apple IIGS Technical Library—a $148.70 value—for just $49.95 plus postage.

The six books include:

Technical Introduction to the Apple IIGS
Programmer's Intro to the Apple IIGS
Apple IIGS Toolbox Reference, Volume I
Apple IIGS Firmware Reference Manual
Apple IIGS Hardware Reference Manual
Apple IIGS Toolbox Reference, Volume II

These are the official Apple IIGS manuals, which were written by Apple Computer and published by Addison-Wesley as part of its Apple Technical Library series. They form the basic library anyone needs to program the Apple IIGS in any language.

This offer is available only from Resource Central and expires October 31, 1992. Together, these six books weigh about 16 pounds—over 7 kilograms. Please select your choice of shipping method and cost from the table that follows:

Plus: Big Savings on updates!

The six-book library forms the kernel of an Apple IIGS programming library, but Apple has also written other books that update and expand on the big six. We're also offering special prices on these books until October 31. These books include:

Apple IIGS Toolbox Reference, Volume III
Apple IIGS Firmware Ref, ROM 3 Update
Apple IIGS GS/OS Reference
GS/OS Device Driver Reference

New: System 6 Reference

This is the brand new book programmers have been waiting for. Published by the ByteWorks, it's like a combined Toolbox Reference Vol 4 and a GS/OS update for System 6. Over 350 pages of the latest information on IIGS programming, including Finder Extensions and Control Panels. And it includes a complete concordance that will guide you to the earlier manuals for information that hasn't changed.

More: The Toolbox Tutorial Set

We've also been able to bundle three non-Apple books together into a set at a special price that's half off our regular price. These books are Gary Little's ***Exploring the Apple IIGS,*** published by Addison-Wesley, and Compute Book's ***Mastering the Apple IIGS Toolbox*** and ***Advanced Programming Techniques for the Apple IIGS Toolbox,*** by Morgan Davis and Dan Gookin. This set is what you need to move from novice to master Apple IIGS toolbox programmer.

		regular price	special price
AW-SET	Technical Library Set	$148.70	$49.95 plus shipping
AW-036	Toolbox Vol 3	$39.95	$29.95 plus shipping
DA-026	Firmware ROM 3 Update	$12.00	$7.95 plus shipping
AW-041	GS/OS Reference	$28.95	$18.95 plus shipping
DA-027	GS/OS Device Driver Reference	$29.00	$19.00 plus shipping
BW-012	Programmers System 6 Ref	$45.00	NEW!
TT-SET	Toolbox Tutorial Set	$62.85	$29.95 plus shipping

Shipping costs

	AW-SET	AW-036	DA-026	AW-041	DA-027	BW-012	TT-SET
SURFACE							
U.S. (Book Rate)	$7.00	free	free	free	free	free	$3.00
Canada	$10.00	$2.00	$1.00	$1.00	$2.00	free	$6.00
Elsewhere	$11.50	$3.00	$1.00	$2.00	$3.00	free	$7.00
AIRMAIL							
U.S. (APO/FPO)	$15.00	$7.00	$2.00	$4.00	$5.00	$8.00	$8.00
Canada	$20.00	$10.00	$2.00	$6.00	$8.00	$13.00	$13.00
Americas	$36.00	$17.00	$3.00	$10.00	$14.00	$22.00	$22.00
Europe	$64.00	$29.00	$4.00	$17.00	$24.00	$39.00	$39.00
Elsewhere	$91.00	$41.00	$6.00	$23.00	$34.00	$55.00	$55.00

Special offers are for subscribers only and expire October 31, 1992.

Quality Software

Apple II Best Sellers at the lowest prices ever!

Quality Software has been known for years as one of the premier Apple II book publishing companies. Their books have been getting more and more difficult to find, however. We recently caught up with them and made a special deal to buy their remaining stock. This allows us to resell these classics at the lowest prices ever.

Understanding the Apple II/Apple IIe

Jim Sather's two "Understanding" books are among the finest books ever written about computer hardware. If you want to know how computers work, Sather explains it all while you examine the Apple II/II-Plus or Apple IIe in your own computer room.

Each book starts with an overview of how your Apple works, then dives into extensive explanations of topics such as bus structure, timing, the 6502 microprocessor, RAM, ROM, address decoding and input/output, video generation, and the disk controller.

Each book also includes a chapter on maintenance and care of the Apple II, lots of schematics, modification projects, and much more.

QS-002 Understanding the Apple II $14.95
QS-003 Understanding the Apple IIe $14.95

Beneath Apple ProDOS

Literally, this book is about what's under the ProDOS you see on your computer screen. How the hardware works, how disks are actually organized, how to use ProDOS from assembly language, how to customize ProDOS, sample programs, information on copy protection schemes.

The supplement explains how the ProDOS v1.2 and v1.3 source code works at a byte-by-byte level.

QS-001 Beneath Apple ProDOS $12.95
QS-005 Supplement for ProDOS 1.2 & 1.3 9.95

Beneath Apple DOS

Forerunner to ***Beneath Apple ProDOS,*** this book has the same information about the older Apple DOS 3.3

QS-004 Beneath Apple DOS $12.95

Bag of Tricks 2

Bag of Tricks 2 is a set of four comprehensive disk utility programs that help analyze, modify, and restore disk data. Originally designed for 5.25 disks, but many features also work with 3.5, hard, and RAM disks.

Works with disks from any Apple II operating system. Useful for beginners and experienced users alike — includes hand-holding tutorials that assist you in repairing damaged disks. Change sector ordering, reconstruct damaged DOS catalogs or ProDOS directories, and more. Originally sold at $49.95.

QS-006 Bag of Tricks 2 $29.95

Ordering Information

Call us! Voice:913-469-6502 Fax:913-469-6507

Ordering Information

If you received this catalog in the envelope with one of our publications, there was also a one-sheet self-mailer in the envelope. Your name, address, expiration date, and customer ID number are already imprinted on one side of the self-mailer—on the other side you'll find an order form. Please don't send us a photocopy of the form unless you **photocopy both sides.**

If you received this catalog without a self-mailer, write your order on a plain sheet of paper and send it to:

Resource Central, Inc.
P.O. Box 11250
Overland Park, KS 66207
913-469-6502 fax: 913-469-6507

Publications

Our flagship publication is the 8-page monthly newsletter ***A2-Central.*** It's designed to be an international information clearinghouse for Apple II users of every persuasion.

A newsletter/disk subscription to ***A2-Central*** is also available. You get both the paper newsletter and a 3.5 inch disk each month that's filled with useful goodies provided by our subscribers and guests.

We publish three additional 3.5-disk-based publications. ***TimeOut-Central,*** for AppleWorks and TimeOut users;***Studio City*** for HyperStudio users; and ***Script-Central,*** for HyperCard IIgs users.

Back Issues

Back issues of all our publications are available singly or in sets. Back issue sets are listed elsewhere in this catalog with each publication. Single back issues of any of our disk publications cost $10 each. ***A2-Central*** on paper back issues are $2 each. Or you can get a full text of all ***A2-Central*** back issues for just $49. Please specify whether you want paper back issues or text files on 3.5 disks.

Introductory Offer

Resource Central Disk Sampler

Sample disks of *A2-Central* on disk, *TimeOut-Central*, *Script-Central*, and *Studio City*.

RC-SAMP	**Resource Central Disk Sampler**	$12.00

A2-Central

An international clearinghouse of information for users of all types of Apple IIs. Winner of Best Apple II Publication award in both 1990 and 1991.

A2-1	A2-Central 12 issues/yr, 8 pages	1 year	$34.00
A2-2		2 years	$60.00
A2-3		3 years	$84.00
A2FS	Full set of printed back issues		$49.00
A2FSD	Full text of paper back issues on 3.5 disks		$49.00
A2V1	Volume 1 January 1985 – Jan 1986		$9.95
A2V2	Volume 2 February 1986 – Jan 1987		$9.95
A2V3	Volume 3 February 1987 – Jan 1988		$9.95
A2V4	Volume 4 February 1988 – Jan 1989		$9.95
A2V5	Volume 5 February 1989 – Jan 1990		$14.95
A2V6	Volume 6 February 1990 – Jan 1991		$14.95
A2V7	Volume 7 February 1991 – Jan 1992		$14.95

Annual Sets

ADFS89	Feb 89 to Jan 90				$60.00
ADFS90	Feb 90 to Jan 91				$60.00
ADFS91	Feb 91 to Jan 92				$60.00

Quarterly Sets

	Feb/Mar/Apr	May/Jun/Jul	Aug/Sep/Oct	Nov/Dec/Jan	
1989	ADQS89.1	ADQS89.2	ADQS89.3	ADQS89.4	$18.00
1990	ADQS90.1	ADQS90.2	ADQS90.3	ADQS90.4	$18.00
1991	ADQS91.1	ADQS91.2	ADQS91.3	ADQS91.4	$18.00
1992	ADQS92.1	ADQS92.2			$18.00

SUBSCRIPTION CONVERSIONS: Figure out how many disks you'll get between the first one you want and the month your subscription expires and send us $4.75 per disk. **NEW SUBSCRIPTIONS:** By subscription, our disks cost for less than what most user groups charge for public domain 3.5 disks, just 4.67 per disk (($90 - $34) / 12).

Studio City

The latest tips and news for creators of HyperStudio stacks. Tutorials, examples, clip art & sounds, and more. 6 issues/yr, 3.5 disk only.

SC1	Studio City (formerly Stack-Central)	1 year	$48.00
SC2		2 years	$87.00
SC3		3 years	$123.00
SC.Sam	Studio City Sampler Disk		$3.00
SCFS90	Annual disk set (Feb 90 to Dec 90)		$36.00
SCFS91	Annual disk set (Feb 91 to Dec 91)		$36.00
SCSS90.1	Semiannual disk set (Feb/Apr/Jun 90)		$20.00
SCSS90.2	Semiannual disk set (Aug/Oct/Dec 90)		$20.00
SCSS91.1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
SCSS91.2	Semiannual disk set (Aug/Oct/Dec 91)		$20.00
SCSS92.1	Semiannual disk set (Feb/Apr/Jun 92)		$20.00

A2-Central-On-Disk

Our award-winning newsletter plus a monthly disk filled with the best stuff we find online and in our mailbox. 12 issues per year, newsletter & 3.5 disk.

AD1		1 year	$90.00
AD2		2 years	$168.00
AD3		3 years	$240.00
AD.Sam	A2-Central-on-Disk sample issue		$3.00

TimeOut-Central

Editor Randy Brandt of Beagle & UltraMacros fame gives you the latest AppleWorks & TimeOut tips, macros, and wares.

TO1	TimeOut-Central 6 issues/yr, 3.5 disk only	1 year	$48.00
TO2		2 years	$87.00
TO3		3 years	$123.00
TO.Sam	TimeOut-Central Sampler Disk		$3.00
TOFS91	Annual disk set (Sep 90/Sep 91)		$32.00
TOSS90.1	Semiannual disk set (Sep/Nov/Mar 91)		$18.00
TOSS91.1	Semiannual disk set (May/July/Sep 91)		$18.00
TOSS91.2	Semiannual disk set (Nov/Jan 92/Mar 92)		$18.00

Script-Central

All about Apple's HyperCard IIgs and HyperTalk, its scripting language. Your letters, our XCMDs, Tools, Buttons – awesome!

HC1	Script-Central 6 issues/yr, 3.5 disk only	1 year	$48.00
HC2		2 years	$87.00
HC3		3 years	$123.00
HC.Sam	Script-Central Sampler Disk		$3.00
HCFS91	Annual disk set (July 91 to May 92)		$36.00
HCSS91.1	Semiannual disk set (July/Sep/Nov 91)		$20.00
HCSS91.2	Semiannual disk set (Jan/Mar/May 92)		$20.00

(continued from page 1)

some of us. Companies like Resource Central, Big Red Computer Club, the National AppleWorks User Group, and Quality Computers have grown even while the Apple II market has been shrinking. We do it by showing Apple II users how to get the most out of the investment they've already made in their computers. I don't know how long this will last, but I'm always eager to point out that it's already lasted years beyond what the "experts" predicted. The Apple II has a life beyond what Apple's executives may choose to give it. Lots more years to come won't surprise me.

In fact, look what's new this month!

I got an emotional divorce from Apple, Inc. months ago. Rather than stewing about Apple's actions, it's a lot more fun to celebrate what Apple II users are doing. This month we've got lots of stuff to celebrate.

A2-Central subscriber Steve Peterson spent the last couple of years researching and writing the Great Apple IIgs Personal Finance Program. He calls in *Your Money Matters* and you can read all about it on page 2 of this catalog.

The most popular offer we've ever run is an incredible deal on the Apple IIgs Technical Library Set. You can get the six books that should be at the core of any Apple IIgs programmer's library for about 1/3 the regular price. **No, not 33 per cent off, about 66 per cent off!** This offer, which is available only from Resource Central by special arrangement with Addison-Wesley and Apple Computer, has been available the last two summers. Since most of our regular customers have already purchased the books, we weren't going to offer the set again this year. But then we realized that many of you among our sudden influx of ***Nibble*** readers would be interested in this. So we made a few calls, ordered boxes full of books, and you can read all about it on page 3 of this catalog.

One of the best-selling Apple II books ever was ***Beneath Apple ProDOS.*** The company that published it, Quality Software, pretty much disappeared a couple of years ago, but we recently found them long enough to buy out their stock of books, including the classics ***Understanding the Apple II*** and ***Understanding the Apple IIe*** and a disk-fixing utility called ***Bag of Tricks.*** Read all about it, inside.

There's more, too. Indoor sports software from the Big Red Computer Club, a battery for the ROM 3 IIgs, and ***My Paint,*** a drawing/coloring book program with sounds, just for kids!

Resource Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your publication.

September 1992

New Stuff

Apple II T-Shirts

If you've been wanting to make your feelings toward the Apple II known but haven't had the billboard space, here's your medium. We have beautiful black T-Shirts with our 15th Anniversary logo in white (the lettering is florescent magenta).

There's also a small Resource Central logo to the upper left. All your Apple II friends will be jealous when you wear this!

RC-009M 15th Anniversary T-Shirt: Med. $10.00
RC-009L 15th Anniversary T-Shirt: Large $10.00
RC-009X 15th Anniversary T-Shirt: X-Lrg. $10.00

HyperCard IIGS Developer's Kit

New from Apple, the HyperCard IIGS Developer's Kit consists of two 800K disks. You get the complete developer documentation for HyperCard v1.1, including the hooks to xcommands and functions and notes on the Media Control Stack, in both ASCII and Word 4.0 formats. You also get APW and MPW interfaces, RMover 1.1d1 for moving resources, and source code samples for eight xcommands.

DA-034 HyperCard IIGS Developer's Kit $15.00

OmniPrint

OmniPrint is a new program from JEM Software that allows you complete control over an ImageWriter II from within the AppleWorks word processor. You can easily turn MouseText on and off, change colors, and change characters per inch (or anything else) within a paragraph. It also allows you to load, use, and control downloaded ImageWriter fonts (don't confuse these with GS/OS-type fonts; all ImageWriter fonts are the same height at the fonts built into the ImageWriter).

JE-012 OmniPrint $32.00

KansasFest Special Events Home Video

If you missed our summer conference, you'll want to see this tape. (If you were *at* our summer conference, you're probably one of the people who demanded that we make this tape available.)

As part of our celebration of the 15th Anniversary of the Apple II, Tom Weishaar interviewed Steve Wozniak and we caught it all on tape. In the interview Wozniak and Weishaar talk about the early days at Apple and before. Woz talks about everything from his first Science Fair computer project to his all-time favorite software (AppleWorks).

But that's not all! Also on this tape you get the complete Roger Wagner Roast, hosted by Steve Disbrow of *GS+* magazine. ***Bonus! There's more.*** We also managed to squeeze in footage of the Apple Dealer Skit that Disbrow and Associates presented at lunch the second day of the conference. This is one special tape.(2 hrs. 19 min.)

KF-001 KansasFest Special Events Video $24.95

KansasFest Tapes

Yes, you've already missed the *best* part of our summer conference (staying up all night showing off your stuff). But you can still *hear* the sessions you missed. Here's what we have:

Old Timers

KansasFest Intro: Weishaar Interviews Wozniak
AT2-31 Tom Weishaar, Resource Central

Old Timers: Apple II Magazines
AT2-33 Paul Statt & Tom Weishaar

Old Timers: Muse Software
AT2-34 Silas Warner

Old Timers: Two Survivors
AT2-35 Alan Bird & Roger Wagner

New Timers

State of the Apple II
AT2-32 The Tim Swihart Group, Apple Computer

Announcing...Avatar
AT2-09 Bill Heineman

Apple IIGS Sessions

Apple's System 6.0
AT2-29 The Tim Swihart Group, Apple Computer

Icons, Finder 6.0, and the End of the World
AT2-26 Lunatic Bruce Jonathan E'Sex

SoundWave Secrets II (GS)
AT2-27 Hangtime, Resource Central

Editing Resources
AT2-02 Collins, Murphy, & Wolfgram, Lunar Prods

Breaking the 16 Color Barrier
AT2-16 Steve Chiang, DreamWorld Software, Inc.

Introduction to MidiSynth Programming
AT2-13 Mike Nuzzi, Triad Venture, Inc.

Finding Yourself in TextEdit
AT2-06 Steve Disbrow, GS+ Magazine

Customizing Your Applications
AT2-14 Bryan Pietrzak, Softdisk, Inc.

Introduction to 3D Programming
AT2-25 Michael Lutynski

Interprocess Communication
AT2-15 Bryan Pietrzak, Softdisk, Inc.

Writing Resource Editors
AT2-01 Collins, Wolfgram, & Murphy, Lunar Prods

Multimedia

Apple: HyperCard IIGS
AT2-30 The Tim Swihart Group, Apple Computer

Writing HyperStudio Extras, NBA's, and Transitns
AT2-04 R. Wagner & K.Kasmarek, RWP

Intermediate HyperStudio Techniques
AT2-03 Roger Wagner, Roger Wagner Publishing

Classic Apples

UltraMacros 4.0
AT2-07 Randy Brandt, JEM Software

WPL PageWriter
AT2-24 Larry Schneider

ProDOS MLI
AT2-11 J. Eric Bush, Kitchen Sink Software

Passing Variables Between Applesoft & Mach Lang
AT2-08 J. Eric Bush, Kitchen Sink Software, Inc.

Telecommunications

Data Compression on the Apple IIGS
AT2-19 Derek Young & Jim Maricondo

File Transfer on the Apple IIGS
AT2-20 Josef Wankerl, GS+ Magazines

The Legal Guide to Apple IIGS Telecommunication
AT2-10 Steve Gunn

And More...

Digital Electronics
AT2-21 Chuck Kelly, ProDev, Inc.

Computer Peripheral Design
AT2-22 Chuck Kelly, ProDev, Inc.

Software Design With An Emphasis On Games
AT2-17 Steve Chiang, DreamWorld Software

Making Billions of Dollars Progrmmng the Apple II
AT2-18 Lee Golden & Jay Jennings, Softdisk, Inc.

Starting Your Own Software Company
AT2-12 Guy Forsythe, Kitchen Sink Software

Markting Opprtunties for Apple II's in Mac's World
AT2-28 Paul Statt

KFAT KansasFest Audio Tapes *$4.00
*** Sold only in sets of 3 or more**

Apple IIGS Technical Library

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A2-Central

A2-Central

An international clearinghouse of information for users of all types of Apple IIs. Winner of Best Apple II Publication award in both 1990 and 1991.

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A2-2		2 years	$60.00
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1989	AD-QS89.1	AD-QS89.2	AD-QS89.3	AD-QS89.4	$18.00
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Getting Started

CB-001	The Apple IIc — Your First Computer		$12.95
CO-004	CompuShare: Your IIgs Guide	(5/91)	$21.95

System Disks

DA-002	Apple: ProDOS 8 System Disk (5.25 disk)	APDA*	$14.00
DA-031	Apple: System 6 Release Notes(3.5 disks)	APDA	$4.00
DA-006	Apple: GS/OS System 6 (6–3.5 disks & DA-031)		$24.00
DA-013	Apple: GS/OS System 6 w/ Manuals	APDA	$39.00
DA-029	Apple: System 6 Golden Master CD ROM	APDA	$99.00

* Not yet shipping. We'll hold your order and ship when the product arrives.

Multimedia

Studio City

The latest tips and news for creators of HyperStudio stacks. Tutorials, examples, clip art & sounds, and more. 6 issues/yr, 3.5 disk only.

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SC-FS90	Annual disk set (Feb 90 to Dec 90)		$36.00
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SC-SS90.1	Semiannual disk set (Feb/Apr/Jun 90)		$20.00
SC-SS90.2	Semiannual disk set (Aug/Oct/Dec 90)		$20.00
SC-SS91.1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
SC-SS91.2	Semiannual disk set (Aug/Oct/Dec 91)		$20.00
SC-SS92.1	Semiannual disk set (Feb/Apr/Jun 92)		$20.00

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All about Apple's HyperCard IIGS and HyperTalk, its scripting language. Your letters, our XCMDs, Tools, Buttons – awesome!

HC-1	Script-Central 6 issues/yr, 3.5 disk only	1 year	$48.00
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HC.Sam	Script-Central Sampler Disk		$3.00
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HC-SS91.2	Semiannual disk set (Jan/Mar/May 92)		$20.00

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HB-SS91.2	Semiannual disk set (Aug/Oct/Dec 91)		$20.00
HB-SS92.1	Semiannual disk set (Feb/Apr/June 92)		$20.00

Books

AW-042	Apple: Hypercard IIGS Script Guide	(3/91)	$23.99
AW-034	Apple: Hypercard Stack Design		$16.95

Multimedia software

AP-002	HyperCard IIGS v1.1	(6/92)	$69.00
AP-002UP	HyperCard IIGS v1.1 upgrade	(6/92)	$21.00
	requires Installer & Tour disk to be send with order		
RW-005	HyperStudio (for IIGS) v3.1	(1/90)	$125.00
RW-009	HyperStudio Xcommands, Vol 1	(11/90)	$39.95
GC-001	Nexus (for IIGS)	(12/90)	$69.95

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TV-002	ClipArt Plus	(3/91)	$39.95
TV-004	Animated Icons	(8/92)	$29.95
DS-011	ClipVision 1.1	(3/91)	$29.95
RW-007	HyperStudio Clip-Art, Vol 1	(11/90)	$19.95
RW-011	HyperStudio Clip-Art, Vol 2	(3/91)	$24.95

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TV-003	Sound Convert	(3/92)	$39.95
TV-001	ClipTunes (2 disks)	(3/91)	$39.95
DS-012	ClipSounds (10 disks)	(3/91)	$59.95
DS-013	ClipSounds Vol 2 (5 disks)	(1/92)	$29.95
RW-008	HyperStudio Clip-Sounds, Vol 1	(11/90)	$19.95

Graphics/Imaging

Imaging

VI-001	Quickie Scanner	(10/90)	$219.95
WC-001	InWords OCR (512K enhanced IIe or IIgs)	(3/91)	$99.00

Graphics

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BB-007	Platinum Paint (for IIGS)	(3/91)	$79.00
BB-008	Beagle Draw (for IIGS)	(11/91)	$69.00
SH-003	Jason Harper's SuperConvert (for IIGS)	(7/91)	$39.95
RW-004	Graphics Exchange (for IIGS)	(1/90)	$37.50
RW-013	Graphics Exchange Library Disk #1	(12/91)	$29.95
RW-012	Desktop Screen Saver (for IIGS)	(3/91)	$24.95
RI-001	Second Chance (IIGS image enhancement)	(11/90)	$39.95

Desktop Publishing

Desktop Publishing Software

SH-004	GraphicWriter III	(12/91)	$99.95
TW-001	Publish It 4 (Enhanced IIe, any IIc or IIGS)	(8/91)	$119.00
SH-008	Seven Hills: Formulate	(4/92)	$39.95

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SH-005	Font Factory	(12/91)	$39.95
FC-001	A2-Central Font Collection	(3/90)	$39.00

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TO3		3 years	$123.00
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TOFS91	Annual disk set (Sep 90/Sep 91)		$32.00
TOSS90.1	Semiannual disk set (Sep/Nov/Mar 91)		$18.00
TOSS91.1	Semiannual disk set (May/July/Sep 91)		$18.00
TOSS91.2	Semiannual disk set (Nov/Jan 92/Mar 92)		$18.00

Books

MH-010	AppleWorks Made Easy	(3/92)	$19.95
DB-001	Using the DeskJet 500 with AppleWorks	(9/91)	$20.00
AW-027	Brown: Using AppleWorks GS		$19.95

Software

RT-001	SuperWorks V. 2.0 (MS-DOS AppleWorks clone)	**NEW**	$199.00

TimeOut UltraMacros

BB-005	TimeOut UltraMacros (AppleWorks 3.0)	(12/90)	$49.95
BB-006	MacroEase (requires UltraMacros 3.0)	(12/90)	$34.95
NA-001	Munz: UltraMacros Primer	(3/90)	$19.95
MM-002	Ultra-AppleWorks (UltraMacros tutorial on 3.5 disk)		$19.95
MM-003	Ultra-AppleWorks (book, samples on 3.5 & 5.25)		$24.95
MM-001	Ultra AWesome Macros (UltraMacros 3.0)	(3/91)	$19.95
MM-004	Ultra AWesome Macros II (UltraMacros 3.0)	(3/92)	$19.95

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JE-012	OmniPrint	**NEW**	$32.00
JE-011	DB Pix	(6/92)	$25.00
JE-010	TotalControl	(7/91)	$49.95
JE-008	Outliner 3.0	(9/90)	$39.00
JE-007	DoubleData v2.0	(7/90)	$40.00
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JE-005	Pathfinder	(7/90)	$20.00
JE-004	Mr. Invoice	(7/90)	$40.00
JE-001	Flexical (AppleWorks 2.x or 3.0)	(7/90)	$30.00
JH-001	Writeworks (Writer's project management)	(8/91)	$39.95
FW-001	Elite Fantasy Football System	(8/91)	$79.95

Patch programs

BB-004	Beagle AppleWorks 3.0 Companion Plus	(5/90)	$39.95

Telecommunications

Books

CO-002	CompuShare: Telecommunications Guide	(5/91)	$12.95

Modems

SM-001	Supra 2400 baud modem (110 volts)	(1/90)	$99.95
SM-003	Supra 2400 baud modem V.MNP5	(7/92)	$159.95
SM-004	Supra 9600 baud modem V.32	(7/92)	$279.95
SM-005	Supra 14400 baud modem V.32bis	(7/92)	$349.95

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IS-003	ProTERM	(6/92)	$85.00
CS-001	Talk Is Cheap	(3/90)	$40.00
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MD-004	ModemWorks v3.0	(11/91)	$79.95
KG-001	Co-Pilot (GEnie interface for IIGS)	(1/91)	$25.00
TH-001	GEnie Master 4.0 (requires AWorks 3.0 & TIC, Point-to-Point, or ProTerm)		$20.00

Modem Cables

RC-001	6' cable for IIGS/IIc-Plus	(1/90)	$15.00
RC-002	6' cable for older IIc	(1/90)	$15.00
RC-003	6' cable for serial cards	(1/90)	$15.00

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BR-001	Yeager's Flight Trainer (IIe/IIc)	((6/92)	*$14.95
BR-103	Life & Death (IIGS)	(6/92)	*$14.95
BR-104	Mavis Beacon Typing Tutor(IIGS)	(6/92)	*$14.95

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TB-003	Discovering Science on Your Apple		$14.95
TB-004	Horn: Smart Apples	(6/88)	$12.95
AW-013	Snyder: In Search of the Most Amazing Thing		$10.95
SB-001	GSNumerics (for IIGS)	(4/90)	$79.95

Hard Disk Drives

Hard drive books

CO-001	CompuShare: Hard Drive Guide	(5/91)	$14.95
NA-002	Apple Hard Disk Primer	(9/90)	$16.95

External hard drives

(require SCSI card)

RC-107	Resource Central 50 Meg	(7/91)	$439.00*
RC-105	Resource Central 100 Meg	(5/91)	$549.00*
RC-106	Resource Central 42 Meg Removable	(5/91)	$699.00*
DC-007	extra cartridges for 42 Meg drive	(5/91)	$99.00
*	Surface shipping to Canada or APO/FPO adrs		$10.00
*	Surface shipping to other points outside U.S.		$20.00

SCSI cards

AP-001	Apple SCSI card	(5/91)	$119.00
CV-001	RAMfast SCSI card w/ 3.0 ROM	(5/91)	$189.00

Disk management utilities

GB-001	Prosel 8 (for IIe/IIc; 3.5, 5.25 on request)	(1/90)	$40.00
GB-002	Prosel 16 (includes Prosel 8 features)	(1/90)	$85.00
QS-006	Bag of Tricks 2	(8/92)	$29.95
VI-003	Salvation: Renaissance (Disk Optimizer)	(10/90)	$37.00
VI-004	Salvation: Exorciser (Virus exterminator)	(10/90)	$34.00
VI-005	Salvation: Wings (Program selector)	(10/90)	$59.00
VI-002	Salvation: Bakkup (Backup & Restore)	(10/90)	$37.00
VI-008	Salvation Supreme (5 Salvation Pkgs)	(1/91)	$99.00
ET-001	UniversalMaster	**NEW**	$99.00

Memory Cards

IIGS memory cards

CVTech

CV-002-0	No Memory	$65.00
CV-002-1	1 Meg	$99.00
CV-002-2	2 Megs	$159.00
CV-002-3	3 Megs	$219.00
CV-002-4	4 Megs	$279.00

Memory chips

DRAM-256	Set of 8 256K chips for standard cards	$25.00
DRAM-1	Set of 8 1-meg chips for standard cards	$60.00
SRAM-32	Set of 2 chips for StatDisk (64K)	$30.00

AppleTalk Networks

Books

AW-030	Apple: Understanding Computer Networks		$9.95
AW-043	Planning & Managing AppleTalk Networks	(4/92)	$18.95
IN-002	Hands on AppleTalk	(3/90)	$21.95
DA-012	Apple: Apple II AppleShare Prog Guide	APDA	$30.00
AW-035	Apple: Inside AppleTalk		$34.95

Network connectors

OE-001	ModuNet 8-pin for IIe, IIGS, new Macs	$19.95

Printers

GS/OS Printer Drivers

VI-006	Vitesse: Harmonie	(12/90)	$37.00
SH-002	Seven Hills: Independence	(3/91)	$29.95
SH-007	Seven Hills: Express Print Spooler	(4/92	$29.95

Books

Technical References

AW-008	Apple: ImageWriter II Technical Ref		$19.95
AW-025	Apple: ImageWriter LQ Technical Ref		$22.95
AW-028	Apple: LaserWriter Reference		$19.95

Troubleshooting and Repair

HS-004	SAMS Computerfacts: ImageWriter I	(8/88)	$24.95
HS-008	SAMS Computerfacts: ImageWriter II	(8/88)	$24.95

Other

SY-003	Campbell: The RS-232 Solution, 2nd Ed	(6/88)	$21.95
TB-012	LaBadie: Build Your Own Laser Printer	(7/91)	$16.95

Printer Cables

RC-007	6' cable for IIGS/IIc-Plus	(1/90)	$15.00
RC-006	6' cable for older IIc	(1/90)	$15.00
RC-008	6' cable for serial cards	(1/90)	$15.00

Other Hardware

Accelerator

ZC-001	Zip 8 MHz/16K Accelerator for IIGS	(3/91)	$199.00

Battery

NO-001	Nite Owl Slide-On Battery Kit for IIGS	(3/90)	$14.95
NO-005	Nite Owl ROM 3 Battery Kit for IIGS	(8/92)	$12.95

Fans

NO-004	Nite Owl Super Cooler Fan for IIGS	(12/91)	$24.95
CTFAN-E	Cirtech Cool-It fan for Apple IIe	(1/90)	$49.00

Disk Drives

AM-003	AMR 5.25 drive (IIc / IIGS, Mac LC)	(3/92)	$128.00
AM-001	AMR 3.5 drive (will not work with IIc)		$189.00
RC-101	10 generic, blank 3.5 disks	(4/90)	$9.49
RC-102	100 blank , continuous labels for 3.5 disks	(4/90)	$1.99
RC-103	10 Static-Guard binder pages. for 3.5 disks	(4/90)	$9.97

Math Coprocessor

IS-001	Floating Point Engine	(4/90)	$249.00

Other Topics

Desk accessories

SS-010	Desktop Enhancer v2.0	(1/91)	$24.95
SH-001	Disk Access (disk management NDA)	(11/90)	$30.00
RW-010	Desktop File Control (disk management)	(11/90)	$24.00
RW-012	Desktop Screen Saver	(3/91)	$24.95
RW-003	SoftSwitch (program switcher for IIGS)	(1/90)	$45.00
RW-006	MacroMate (universal macros for IIGS)	(1/90)	$37.50

Games

BR-001	Yeager's Flight Trainer (IIe/IIc)	(6/92)	*$14.95
BR-002	Zork Triology (IIe/IIc)	(6/92)	*$14.95
BR-003	Pinball Construction Set (IIe/IIc)	(6/92)	*$14.95
BR-004	Adventure Construction Set (IIe/IIc)	(6/92)	*$14.95
BR-005	Shanghai (IIe/IIc, joystick)	(6/92)	*$14.95
BR-006	One-on-One (IIe/IIc, joystick)	(8/92)	*$14.95
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BR-105	Shanghai (IIGS)	(6/92	*$14.95
BR-106	Hardball (IIGS, joystick)	(8/92)	*$14.95
BR-107	4th & Inches (IIGS, joystick)	(8/92)	*$14.95
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NO-002	Shadowforge (Night Owl Journal, 3.5 only)	(9/90)	$12.95
NO-003	Wraith: Devil's Demise (3.5 only)	(9/90)	$12.95

MS-DOS

RT-001	SuperWorks (MS-DOS AppleWorks clone)	(9/91)	$199.00
SS-006	Cross-Works (ProDOS <—> MS-DOS)	(4/90)	$79.95

Other

AP-003	Apple II Guide Vol 1 (Fall 1990)	(3/91)	$4.00
AP-004	Apple II Guide Vol 2 (Spring 1992)	(6/92)	$4.00
TB-009	Photonix II (requires IIGS)	(5/91)	$45.00
FD-001	Fastdata Pro (full-text search utility)	(1/90)	$49.95
SH-006	ShoeBox	(3/92)	$49.95
PR-001	GNO/ME	(7/92)	$89.00
RC-108	15th Anniversary 3-Ring Binder	(7/92)	$10.00
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Publications

Our flagship publication is the 8-page monthly newsletter ***A2-Central.*** It's designed to be an international information clearinghouse for Apple II users of every persuasion.

A newsletter/disk subscription to ***A2-Central*** is also available. You get both the paper newsletter and a 3.5 inch disk each month that's filled with useful goodies provided by our subscribers and guests.

We publish three additional 3.5-disk-based publications. ***TimeOut-Central,*** for AppleWorks and TimeOut users; ***Studio City*** for HyperStudio users; and ***Script-Central,*** for HyperCard IIgs users.

Back Issues

Back issues of all our publications are available singly or in sets. Back issue sets are listed elsewhere in this catalog with each publication. Single back issues of any of our disk publications cost $10 each. ***A2-Central*** on paper back issues are $2 each. Or you can get a full text of all ***A2-Central*** back issues for just $49. Please specify whether you want paper back issues or text files on 3.5 disks.

Introductory Offer

Resource Central Disk Sampler

Sample disks of *A2-Central* on disk, *TimeOut-Central*, *Script-Central*, and *Studio City*.

RC-SAMP	**Resource Central Disk Sampler**	$12.00

IIe/IIc Programming

8/16-Central

8/16-Central , our publication for Apple II programmers, was published monthly from March 1990 to October 1991.

ES-FS	All back issues (20 disks at $3.95 each)	$79.00
ES-BI3	Any three back issues (3 disks at $5 each)	$15.00
ES-BI	Any 8/16-Central back issue on disk	$10.00

Technical references

Apple II-Plus

QS-002	Sather: Understanding the Apple II	(8/92)	$14.95

Apple IIe

QS-003	Sather: Understanding the Apple IIe	(8/92)	$14.95
AW-003	Apple IIe Tech Ref		$24.95

Apple IIc

DA-007	Apple: Apple IIc Tech Ref 2nd Ed (1989)	APDA	$30.00
DA-008	Apple: Apple IIc Memory Card Reference	APDA	$15.00
HS-005	SAMS Computerfacts: IIc	(8/88)	$39.95

Other hardware

HS-003	SAMS Computerfacts: Disk II	(8/88)	$24.95
DA-009	Apple: Apple Memory Card (Slinky) Ref	APDA	$15.00
DA-010	Apple: Apple SCSI Card Reference	APDA	$15.00
DA-011	Apple: Video Overlay Card Developers Kit	APDA	$19.00
DA-012	Apple: Apple II AppleShare Prog Guide	APDA	$30.00

Applesoft

Books

AW-010	Apple: Applesoft Tutorial (w/disk)		$29.95
AW-021	Apple: Applesoft Programmer's Reference		$22.95
AW-040	Critchfield/Dwyer: Bit of Applesoft	(9/90)	$9.95
AW-039	Myers: Graphics for the Apple II	(9/90)	$9.95
CB-009	Compute!'s Second Book of Apple	(3/92)	$14.95

Tools

BB-003	Program Writer (Applesoft program editor)	(1/90)	$37.50
BB-002	Beagle Compiler (Applesoft compiler)	(1/90)	$59.00
MD-004	ModemWorks v3.0	(11/91)	$79.95
KS-001	Microdot (Basic.system replacement)	(9/91)	$29.95
IS-002	Basic Help (Online Reference & Help)	(7/91)	$29.95
DA-001	Apple: Apple Filecard Toolkit	APDA	$19.00

Pascal

AW-037	Seiter/Weiss: Pascal for Basic Prgmrs	(9/90)	$12.95
DA-024	Apple: Apple II Pascal v1.3	APDA	$69.00
DA-032	Pascal LabPak (10 3.5 disks, no docs)	APDA	$69.00
DA-003	Apple: Apple II Pascal Desktop Toolkit	APDA	$30.00
DA-001	Apple: Apple Filecard Toolkit	APDA	$19.00

Other languages

MS-002	Micol Advanced BASIC for IIe/IIc	(1/90)	$89.00
DA-004	Apple: Apple II SuperPILOT	APDA	$69.00

6502 assembly language

RW-001	Wagner: Assembly Lines: The Book	(6/88)	$19.95
DS-004	disk for this book		$15.95
AW-012	Finley: Asm Lang for Applesoft Prgmmrs	(8/88)	$18.95
CB-010	Mansfield: Apple Machine Lang Beginners	(3/92)	$18.95
DA-001	Apple: Apple Filecard Toolkit	APDA	$19.00
DA-025	Apple: Desktop Toolkit	APDA	$30.00
PD-001	ProDev 6502 Debugger for IIe	(3/91)	$189.00

DOS 3.3

QS-004	Beneath Apple DOS		$12.95
DA-022	Apple: DOS 3.3 User's Manual	APDA	$20.00
DA-023	Apple: DOS 3.3 Programmer's Manual	APDA	$20.00
AW-038	Wintermeyer: Applesoft Toolbox	(9/90)	$9.95

ProDOS 8

QS-001	Beneath Apple ProDOS		$12.95
QS-005	Supplement for ProDOS 1.2 & 1.3		$9.95
TB-006	Doms/Weishaar: ProDOS Inside and Out	(6/88)	$16.95
DS-002	disk for this book		$10.00
AW-024	Apple: BASIC Prog with ProDOS (w/disk)		$29.95
AW-023	Apple: ProDOS 8 Tech Ref (w/disk)		$29.95
DA-021	Apple: Apple SCSI Card Utilities	APDA	$30.00

IIgs Programming

8/16-Central

8/16-Central , our publication for Apple II programmers, was published monthly from March 1990 to October 1991.

ES-BI	Any 8/16-Central back issue on disk	$10.00
ES-BI3	Any three back issues (3 disks at $5 each)	$15.00
ES-FS	All back issues (20 disks at $3.95 each)	$79.00

Technical manuals

GS/OS

AW-026	Little: Exploring GS/OS and ProDOS 8	(1/89)	$21.95
DS-006	disk for this book (3.5)		$15.00
AW-041	Apple: Apple IIgs GS/OS Reference		$28.95
DA-027	Apple: GS/OS Device Driver Reference	APDA	$29.00
BW-012	ByteWorks: Prgmrs Sys 6 Ref		$45.00

Technical references

AW-017	Little: Exploring the Apple IIgs	(6/88)	$22.95
DS-007	disk for this book (3.5)		$20.00
AW-018	Apple: Technical Intro to the Apple IIgs		$9.95
AW-011	Apple: Programmer's Intro to IIgs (w/disk)		$32.95
AW-022	Apple: Apple IIgs Firmware Reference		$24.95
DA-026	Apple: Apple IIgs Firmware Ref 3.0 Update	APDA	$12.00
AW-002	Apple: Apple IIgs Hardware Reference		$26.95
AW-001	Apple: Apple Numerics Reference		$29.95
AW-014	Apple: Human Interface Guidelines		$14.95

Toolbox manuals

CB-005	Gookin/Davis: Mastering the IIgs Toolbox	(8/88)	$19.95
CB-007	Gookin/Davis: Adv Prog Tech IIgs Toolbox	(9/88)	$19.95
AW-019	Apple: Apple IIgs Toolbox Reference, Vol 1		$26.95
AW-006	Apple: Apple IIgs Toolbox Reference, Vol 2		$26.95
AW-036	Apple: Apple IIgs Toolbox Reference, Vol 3		$39.95
BW-012	ByteWorks: Prgmrs Ref for Sys 6		$45.00

High-level language tools

HyperTalk

DA-030	HyperMover (2-3.5 disks)	(7/92)	$15.00
DA-034	HyperCard IIgs Developer's Kit	**NEW**	$15.00
AP-002	HyperCard IIgs v1.1	(4/92)	$69.00

Pascal

BW-011	Toolbox Programming w/ Pascal	(7/92)	$75.00
BW-001	ORCA/Pascal	(11/90)	$90.00
BW-002	Byte Works Pascal Tutorial	(11/90)	$50.00
DA-018	Apple: MPW IIgs Pascal V 1.0.1	APDA	$175.00

C

BW-003	ORCA/C	(11/90)	$90.00
BW-004	Byte Works Learn to Program in C Tutorial	(11/90)	$50.00
DA-017	Apple: MPW IIgs C V 1.0.1	APDA	$150.00

BASIC

MS-001	Micol Advanced BASIC for the IIgs v4.0	(6/92)	$99.00

Assembly language tools

CB-002	Wagner: IIgs Machine Lang for Beginners	(8/88)	$19.95
DS-005	disk for this book (3.5)		$15.95
SS-005	Lichty/Eyes: Prog the IIgs in Asm Lang		$29.95
DS-008	disk for this book for APW		$20.00
DS-009	disk for this book for Merlin	(11/90)	$10.00
DS-010	disk for this book for Orca/C	(11/90)	$20.00

Assemblers & Disassemblers

RW-002	Merlin 8/16 (DOS 3.3, ProDOS 8, GS/OS)	(1/90)	$99.00
BW-005	ORCA/M Assembler v2.0	(11/90)	$90.00
BW-008	Merlin to Orca Source Converter	(11/90)	$18.00
BW-007	ORCA Disassembler	(11/90)	$30.00

Debuggers

BW-010	ORCA Debugger	(7/92)	$39.95
DA-015	Apple: GS Bug and Other Debugging Tools	APDA	$30.00
PD-002	ProDev 65816 Debugger for IIgs	(3/91)	$189.00

Universal development tools

BW-009	Talking Tools (text to speech pkg)	(9/91)	$49.95
DA-020	Apple: Apple IIgs Source Code Sampler	APDA	$20.00
SS-007	Genesys (Resource Creator/Editor)	(6/90)	$90.00
BW-006	Design Master (GS/OS Resource Creator)	(11/90)	$57.00
SS-009	Edit-16 APW/ORCA/Merlin editor	(3/91)	$49.95
AW-033	Prog Online Companion for the IIgs	(1/90)	$37.50

Other hardware

DA-010	Apple: Apple SCSI Card Reference	APDA	$15.00
DA-011	Apple: Video Overlay Card Developers Kit	APDA	$19.00
DA-012	Apple: Apple II AppleShare Prog Guide	APDA	$30.00

MPW Cross-Development Suite

DA-019	Apple: MPW IIgs Tools v1.1	APDA	$50.00
DA-016	Apple: MPW IIgs Assembler v1.2	APDA	$100.00
DA-017	Apple: MPW IIgs C v1.0.1	APDA	$150.00
DA-018	Apple: MPW IIgs Pascal v1.1	APDA	$175.00

Resource Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your publication.

November 1992

Your Money Matters

Make Tracks Now!

Think back to last spring when you were trying to figure out how much money you took in during 1991 and how you spent it. The taxman wanted full details and all you had was a folder full of cancelled checks and mysterious receipts.

Put the spring back in your step. Put yourself back into spring. Spring for ***Your Money Matters*** and capture all those financial details quickly and easily right on your Apple IIgs.

The end of the year is looming. *Now* is the time to track down your financial hobgoblins. To help you out we're running a special on ***Your Money Matters*** until November 30. Just call us on the phone and say you want our "Audit Trail" special on ***Your Money Matters*** and we'll knock $10 off our regular price of $79. Or send us an order and write "Audit Trail Special" on the order form. That works too, but you gotta do it by November 30. And you gotta ask for it.

We wrote up a complete description of ***Your Money Matters*** in our August catalog (page 2), but in case you missed it, here are the highlights:

Tracks your income, expenses, assets, and your liabilities. Categorizes these accounts any way you like. Allows split transactions. Makes the entry of recurring transactions easy. Compares monthly expenses with previous year and with budget amounts. Displays comparisons as graphs or tables. Exports or imports data. Loads all data into memory to make the program fast. Prints checks, including payee address. Flexible sorting and selection criteria make it easy to get the report or find the transaction you want. Online Help Screens. Calculates annual rate of return on investments. Budget amounts can increase/decrease a set percentage or amount each budget period. You can balance/reconcile any account, including credit cards, loans, IRAs, savings accounts, and checkbooks. No copy protection. Standard one-file GS/OS program. Works from a 3.5 or a hard disk. One data file per set of accounts (you can keep separate sets of accounts for as many people or businesses as you want).

SP-001 Your Money Matters Reg $79.00

(Read text thoroughly for special offer.)

Holiday Specials

Pointless & Fonts

If you have an Apple IIgs, here's what you want for the holidays: ***Pointless.*** This is the program you install on your hard drive to make your fonts smooth, at *any* size up to 255 points, both on your screen and when you print.

Pointless works transparently with all IIgs-specific programs, including *AppleWorks GS, GraphicWriter III, HyperStudio, HyperCard IIgs,* and *Platinum Paint.*

Pointless uses TrueType fonts. Marty Knight and Marvin Gershowitz of II Productive have put together a 20-disk collection of over 300 TrueType fonts. ***Pointless*** plus the II Productive TrueType font collection is all you need to create any document you can imagine. If you can think it, you can create it.

Our holiday combo gets you both for just $99.95!

WC-002	**Pointless**	**$49.95**
FC-002	**TrueType Font Collection**	**$63.75**
RC-112	**Pointless/Font Combo**	**$99.95**

(Combo offer expires December 31, 1992)

Big Red Games and More

Out of This World

Bill Heineman's new IIgs masterpiece has won the highest rating ever given to a game by Computer Game Review. You are hurled through space and time by a nuclear experiment gone wrong. You must blend logic and skill to survive the alien land you find yourself in. Graphics you won't believe!

BR-116 Out of This World (IIgs) $49.95

Music Studio 2.0

Activision's IIgs music program allows you to compose, arrange, and play your favorite music. Gives you complete command and of the music and sound capabilities of your Apple IIgs. An orchestra of instruments is at your call as you compose, edit, and arrange music on your screen. What a word processor is to the alphabet, ***Music Studio*** is to music.

You can synthesize your own instruments or produce sound effects on the "Sound Engineering Board." No additional hardware is required, unless you use the Midi input feature, which requires a MIDI connector. Our package includes additional instrument and song disks.

BR-117 Music Studio (IIgs) $34.95

Battle Chess

Chess like you've never imagined it. You play against your IIgs, yes, but this version brings the logic of chess to life with colorful, humorous, and dramatic animations. Watch with fascination and listen to clanging weapons as your pieces act out your moves. An entire medieval world at war is reflected on the checkered field.

BR-118 Battle Chess (IIgs) $24.95

Blockout

This is the ultimate 3-D mind teaser. It's easy to play, difficult to master, and impossible to quit. You play looking down into a 3-D playing pit with length, width, and depth that you can set. During the game, blocks of various types fall into the pit. Your job is to rotate and maneuver each of them as they fall so that they form complete layers. Completed layers vanish and you score points and get more room to work.

BR-119 Blockout (IIgs) $14.95

Tunnels of Armageddon

This summer's best-selling Apple IIgs game was the ***Tunnels of Armageddon.*** You race against the clock and warp through a network of underground tunnels in search of the doomsday device. Swerve past moving barriers and menacing guards. Use your blasters to clear out whatever gets in your way. If you're lucky, you can pick up special items that will help you later. Split-second decisions are required to choose the best route. Twenty stages of tunnels vary in difficulty.

BR-120 Tunnels of Armageddon (IIgs) $14.95

Warlock

If you just can't get enough of Halloween, ***Warlock*** will make you feel spooky all year long. This great action game takes you on a quest through 20 levels of clammy ruins, infested cemeteries, and dangling skeletons. Equipped with only your wits and your scepter you'll have to defend yourself from as motley an assortment of ghouls, goblins, and gobbling gargoyles as you'll ever experience.

BR-121 Warlock (IIgs) $14.95

For the kids

All the kids we've tested ***My Paint*** on around here say it's awesome. It's a IIgs painting program for the younger set. No reading skills are required — kids select the various drawing tools by clicking on icons. The icons are animated. Kids can draw their own graphics or they can color in graphics supplied with the program. The thing that really tickles their little fancies is that all the graphics have sounds they can play by clicking on a mouth icon.

What it's all about is friendly, natural computer literacy for young children. The publisher of ***My Paint*** is now including the Alphabet Coloring Book disk free with the program. And between now and December 31 we're selling ***My Paint*** for $10 off our regular price of $49.95. Don't miss this one!

SG-001	**My Paint**	**$39.95**
SG-002	**Alphabet Disk**	**incl**
SG-003	**Majelix Characters Disk**	**$19.95**

(Special price expires December 31, 1992.)

Hunt for Red October

You've seen the movie, now play the game. You are the commander of a Soviet nuclear submarine. You want to defect, but the entire Soviet Navy is after you. Great battle views. Based on the novel by Tom Clancy.

BR-122 Hunt for Red October (IIgs) $14.95

Deja Vu II: Lost in Las Vegas

No cumbersome commands, no guessing what to do. Choose your path through the city and live your life with excitement. You have seven days to come up with $100,000. Welcome to Las Vegas, gambler.

BR-123 Deja Vu II (IIgs) $14.95

If you don't subscribe to any Resource Central publications, add $5 to the above prices.

A2-Central

A2-Central

An international clearinghouse of information for users of all types of Apple IIs. Winner of Best Apple II Publication award in both 1990 and 1991.

A2-1	A2-Central 12 issues/yr, 8 pages	1 year	$34.00
A2-2		2 years	$60.00
A2-3		3 years	$84.00
A2-FS	Full set of printed back issues		$49.00
A2-FSD	Full text of paper back issues on 3.5 disks		$49.00
A2V1	Volume 1 January 1985 – Jan 1986		$9.95
A2V2	Volume 2 February 1986 – Jan 1987		$9.95
A2V3	Volume 3 February 1987 – Jan 1988		$9.95
A2V4	Volume 4 February 1988 – Jan 1989		$9.95
A2V5	Volume 5 February 1989 – Jan 1990		$14.95
A2V6	Volume 6 February 1990 – Jan 1991		$14.95
A2V7	Volume 7 February 1991 – Jan 1992		$14.95

A2-Central on disk

Our award-winning newsletter plus a monthly disk filled with the best stuff we find online and in our mailbox. 12 issues per year, newsletter & 3.5 disk.

AD-1		1 year	$90.00
AD-2		2 years	$168.00
AD-3		3 years	$240.00
AD.Sam	A2-Central-on-Disk sample issue		$3.00

Annual Sets

AD-FS89	Feb 89 to Jan 90	$60.00
AD-FS90	Feb 90 to Jan 91	$60.00
AD-FS91	Feb 91 to Jan 92	$60.00

Quarterly Sets

	Feb/Mar/Apr	May/Jun/Jul	Aug/Sep/Oct	Nov/Dec/Jan	
1989	AD-QS89.1	AD-QS89.2	AD-QS89.3	AD-QS89.4	$18.00
1990	AD-QS90.1	AD-QS90.2	AD-QS90.3	AD-QS90.4	$18.00
1991	AD-QS91.1	AD-QS91.2	AD-QS91.3	AD-QS91.4	$18.00
1992	AD-QS92.1	AD-QS92.2	AD-QS92.3		$18.00

SUBSCRIPTION CONVERSIONS: Figure out how many disks you'll get between the first one you want and the month your subscription expires and send us $4.75 per disk. **NEW SUBSCRIPTIONS:** By subscription, our disks cost for less than what most user groups charge for public domain 3.5 disks, just 4.67 per disk (($90 - $34) / 12).

Getting Started

DA-013	Apple: GS/OS System 6 w/User Manual	APDA	$39.00
CB-001	The Apple IIc — Your First Computer		$12.95
CO-004	CompuShare: Your IIgs Guide	(5/91)	$21.95

System Disks

DA-902	Apple: ProDOS 8 v1.9 (5.25 disk, II-Plus up)		$14.00
DA-002	Apple: ProDOS 8 System Disk (5.25 disk)	APDA*	$14.00
DA-013	Apple: GS/OS System 6 w/ Manuals	APDA	$39.00
DA-006	Apple: GS/OS System 6 (6–3.5 disks & DA-031)		$24.00
DA-031	Apple: System 6 Release Notes(3.5 disk)	APDA	$4.00
DA-029	Apple: System 6 Golden Master CD ROM	APDA	$99.00

* Not yet shipping. We'll hold your order and ship when the product arrives.

Multimedia

Studio City

The latest tips and news for creators of HyperStudio stacks. Tutorials, examples, clip art & sounds, and more. 6 issues/yr, 3.5 disk only.

SC-1	Studio City (formerly Stack-Central)	1 year	$48.00
SC-2		2 years	$87.00
SC-3		3 years	$123.00
SC.Sam	Studio City Sampler Disk		$3.00
SC-FS90	Annual disk set (Feb 90 to Dec 90)		$36.00
SC-FS91	Annual disk set (Feb 91 to Dec 91)		$36.00
SC-SS90.1	Semiannual disk set (Feb/Apr/Jun 90)		$20.00
SC-SS90.2	Semiannual disk set (Aug/Oct/Dec 90)		$20.00
SC-SS91.1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
SC-SS91.2	Semiannual disk set (Aug/Oct/Dec 91)		$20.00
SC-SS92.1	Semiannual disk set (Feb/Apr/Jun 92)		$20.00

Script-Central

All about Apple's HyperCard IIgs and HyperTalk, its scripting language. Your letters, our XCMDs, Tools, Buttons – awesome!

HC-1	Script-Central 6 issues/yr, 3.5 disk only	1 year	$48.00
HC-2		2 years	$87.00
HC-3		3 years	$123.00
HC.Sam	Script-Central Sampler Disk		$3.00
HC-FS91	Annual disk set (July 91 to May 92)		$36.00
HC-SS91.1	Semiannual disk set (July/Sep/Nov 91)		$20.00
HC-SS91.2	Semiannual disk set (Jan/Mar/May 92)		$20.00
HC-SS92.1	Semiannual disk set (July/Sep/Nov 92)		$20.00

HyperBole

A multimedia artistic and literary journal on disk. There's nothing else like it anywhere! Requires IIgs

HB-FS	All back issues (Feb 91 to June 92)		$54.00
HB-SS91.1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
HB-SS91.2	Semiannual disk set (Aug/Oct/Dec 91)		$20.00
HB-SS92.1	Semiannual disk set (Feb/Apr/June 92)		$20.00

Multimedia software

AP-002	HyperCard IIgs v1.1	(5/92)	$69.00
DA-030	HyperMover(2-3.5 disks)	(7/92)	$15.00
Da-034	HyperCard IIgs Developer's Kit	(9/92)	$15.00
RW-005	HyperStudio (for IIgs) v3.1	(1/90)	$125.00
RW-009	HyperStudio Xcommands, Vol 1	(11/90)	$39.95

Books & Tools

AW-042	Apple: Hypercard IIgs Script Guide	(3/91)	$23.99
AW-034	Apple: Hypercard Stack Design		$16.95
DA-030	HyperMover (2-3.5 disks)	(7/92)	$15.00
DA-034	HyperCard IIgs Developer's Kit	(9/92)	$15.00
DA-045	Apple: HyperCard IIgs Technical Notes	(10/92)	$3.00

Clip art

TV-002	ClipArt Plus	(3/91)	$39.95
TV-004	Animated Icons	(8/92)	$29.95
DS-011	ClipVision 1.1	(3/91)	$29.95
RW-007	HyperStudio Clip-Art, Vol 1	(11/90)	$19.95
RW-011	HyperStudio Clip-Art, Vol 2	(3/91)	$24.95

Sound

TV-003	Sound Convert	(3/92)	$39.95
TV-001	ClipTunes (2 disks)	(3/91)	$39.95
DS-012	ClipSounds (10 disks)	(3/91)	$59.95
DS-013	ClipSounds Vol 2 (5 disks)	(1/92)	$29.95
RW-008	HyperStudio Clip-Sounds, Vol 1	(11/90)	$19.95

Graphics/Imaging

Imaging

VI-001	Quickie Scanner	(10/90)	$219.95
WC-001	InWords OCR (512K enhanced IIe or IIgs)	(3/91)	$99.00

Graphics

DW-001	DreamGraphix	(4/92)	$74.95
BB-007	Platinum Paint (for IIgs)	(3/91)	$79.00
BB-008	Beagle Draw (for IIgs)	(11/91)	$69.00
SH-003	Jason Harper's SuperConvert (for IIgs)	(7/91)	$39.95
RW-004	Graphics Exchange (for IIgs)	(1/90)	$37.50
RW-013	Graphics Exchange Library Disk #1	(12/91)	$29.95
RW-012	Desktop Screen Saver (for IIgs)	(3/91)	$24.95
RI-001	Second Chance (IIgs image enhancement)	(11/90)	$39.95

Desktop Publishing

Desktop Publishing Software

SH-004	GraphicWriter III	(12/91)	$99.95
TW-001	Publish It 4 (Enhanced IIe, any IIc or IIgs)	(8/91)	$119.00
SH-008	Seven Hills: Formulate	(4/92)	$39.95

Fonts

WC-002	Pointless	(4/92)	$49.95
SH-005	Font Factory	(12/91)	$39.95
FC-001	A2-Central Font Collection 8 3.5 disks of fonts in ShrinkIt format	(3/90)	$39.00
FC-002	TrueType Font Collection 20 3.5 disks of fonts in ShrinkIt format	(11/92)	$63.75

AppleWorks

TimeOut-Central

Editor Randy Brandt of Beagle & UltraMacros fame gives you the latest AppleWorks & TimeOut tips, macros, and wares.

TO1	TimeOut-Central 6 issues/yr, 3.5 disk only	1 year	$48.00
TO2		2 years	$87.00
TO3		3 years	$123.00
TO.Sam	TimeOut-Central Sampler Disk		$3.00
TOFS91	Annual disk set (Sep 90/Sep 91)		$32.00
TOSS90.1	Semiannual disk set (Sep/Nov/Mar 91)		$18.00
TOSS91.1	Semiannual disk set (May/July/Sep 91)		$18.00
TOSS91.2	Semiannual disk set (Nov/Jan 92/Mar 92)		$18.00
TOSS92.1	Semiannual disk set (May/July/Sep 92)		$18.00

Books

IN-006	Aron: Using AppleWorks	(6/90)	$21.95
DB-001	Using the DeskJet 500 with AppleWorks	(9/91)	$20.00
AW-027	Brown: Using AppleWorks GS		$19.95

Software

RT-001	SuperWorks V. 2.0 (MS-DOS AppleWorks clone)	(9/91)	$149.00

TimeOut UltraMacros

BB-005	TimeOut UltraMacros (AppleWorks 3.0)	(12/90)	$49.95
BB-006	MacroEase (requires UltraMacros 3.0)	(12/90)	$34.95
NA-001	Munz: UltraMacros Primer	(3/90)	$19.95
MM-002	Ultra-AppleWorks (UltraMacros tutorial on 3.5 disk)		$19.95
MM-003	Ultra-AppleWorks (book, samples on 3.5 & 5.25)		$24.95
MM-001	Ultra AWesome Macros (UltraMacros 3.0)	(3/91)	$19.95
MM-004	Ultra AWesome Macros II (UltraMacros 3.0)	(3/92)	$19.95

Enhancements

JE-012	OmniPrint	(9/92)	$32.00
JE-011	DB Pix	(6/92)	$25.00
JE-010	TotalControl	(7/91)	$49.95
JE-008	Outliner 3.0	(9/90)	$39.00
JE-007	DoubleData v2.0	(7/90)	$40.00
JE-006	SpellCopy	(7/90)	$12.50
JE-005	Pathfinder	(7/90)	$20.00
JE-001	Flexical (AppleWorks 2.x or 3.0)	(7/90)	$30.00
FW-001	Elite Fantasy Football System	(8/91)	$79.95

Patch programs

BB-004	Beagle AppleWorks 3.0 Companion Plus	(5/90)	$39.95

Telecommunications

Books

CO-002	CompuShare: Telecommunications Guide	(5/91)	$12.95

Modems

SM-001	Supra 2400 baud modem (110 volts)	(1/90)	$99.95
SM-003	Supra 2400 baud modem V.MNP5	(7/92)	$159.95
SM-004	Supra 9600 baud modem V.32	(7/92)	$279.95
SM-005	Supra 14400 baud modem V.32bis	(7/92)	$349.95

Software

IS-003	ProTERM	(6/92)	$85.00
CS-001	Talk Is Cheap	(3/90)	$40.00
MD-003	ProLine Bulletin Board System V 2.0	(11/91)	$199.95
MD-004	ModemWorks v3.0	(11/91)	$79.95
KG-001	Co-Pilot (GEnie interface for IIgs)	(1/91)	$25.00
TH-001	GEnie Master 4.0 (requires AWorks 3.0 & TIC, Point-to-Point, or ProTerm)		$20.00

Modem Cables

RC-001	6' cable for IIgs/IIc-Plus	(1/90)	$15.00
RC-002	6' cable for older IIc	(1/90)	$15.00
RC-003	6' cable for serial cards	(1/90)	$15.00

Education

SG-001	My Paint	(9/92)	$39.95
SG-002	Alphabet Fun Coloring Disk for My Paint		$19.95
SG-003	Majelix Characters Coloring Disk for My Paint		$19.95
VS-001	Vernier: Build a Better Mousetrap	(7/88)	$24.95
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AW-013	Snyder: In Search of the Most Amazing Thing		$10.95
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BR-101	Cartooners (IIGS)	(6/92)	*$14.95
BR-102	Mixed-Up Mother Goose (IIGS)	(6/92)	*$14.95
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BR-103	Life & Death (IIGS)	(6/92)	*$14.95
BR-104	Mavis Beacon Typing Tutor(IIGS)	(6/92)	*$14.95

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Hard drive books

NA-002	Apple Hard Disk Primer	(9/90)	$16.95

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(require SCSI card)

RC-107	Resource Central 50 Meg	(7/91)	$439.00*
RC-105	Resource Central 100 Meg	(5/91)	$549.00*
RC-106	Resource Central 42 Meg Removable	(5/91)	$699.00*
DC-007	extra cartridges for 42 Meg drive	(5/91)	$99.00
*	Surface shipping to Canada or APO/FPO adrs		$10.00
*	Surface shipping to other points outside U.S.		$20.00

SCSI cards

AP-001	Apple SCSI card	(5/91)	$119.00
CV-001	RAMfast SCSI card w/ 3.0 ROM	(5/91)	$189.00

Disk management utilities

ET-001	Universe Master	(10/92)	$99.00
GB-001	Prosel 8 (for IIe/IIc; 3.5, 5.25 on request)	(1/90)	$40.00
GB-002	Prosel 16 (includes Prosel 8 features)	(1/90)	$85.00
QS-006	Bag of Tricks 2	(8/92)	$29.95
VI-004	Salvation: Exorciser (Virus exterminator)	(10/90)	$34.00
VI-005	Salvation: Wings (Program selector)	(10/90)	$59.00
VI-002	Salvation: Bakkup (Backup & Restore)	(10/90)	$37.00
VI-008	Salvation Supreme (5 Salvation Pkgs)	(1/92)	$99.00

Memory Cards

Sequential Systems MEG-80Z for Apple IIe

SQ-002	1 Meg	$79.95

Sequential Systems RAM IIc for Apple IIc

SQ-007	1 Meg	$169.95

Sequential Systems RAM-GS for Apple IIGS

SQ-001	4 Megs	$149.95

CVTech GS-Memory for Apple IIGS

CV-002-0	No Memory	$59.95
CV-002-1	1 Meg	$99.95
CV-002-2	2 Megs	$149.00
CV-002-3	3 Megs	$199.00
CV-002-4	4 Megs	$249.00

Memory chips

RAM-256	Set of 8 256K chips for Apple cards	$25.00
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AppleTalk Networks

Books

AW-030	Apple: Understanding Computer Networks		$9.95
AW-043	Planning & Managing AppleTalk Networks	(4/92)	$18.95
IN-002	Hands on AppleTalk	(3/90)	$21.95
DA-012	Apple: Apple II AppleShare Prog Guide	APDA	$30.00
AW-035	Apple: Inside AppleTalk		$34.95

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OE-001	ModuNet 8-pin for IIe, IIGS, new Macs		$19.95
SQ-006	AppleTalk card for ImageWriter II	(10/92)	$95.00

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GS/OS Printer Drivers

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SH-002	Seven Hills: Independence	(3/91)	$29.95
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Technical References

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Troubleshooting and Repair

HS-004	SAMS Computerfacts: ImageWriter I	(8/88)	$24.95
HS-008	SAMS Computerfacts: ImageWriter II	(8/88)	$24.95

Other

SY-003	Campbell: The RS-232 Solution, 2nd Ed	(6/88)	$21.95
TB-012	LaBadie: Build Your Own Laser Printer	(7/91)	$16.95

Printer Cables

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RC-006	6' cable for older IIc	(1/90)	$15.00
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CTFAN-E	Cirtech Cool-It fan for Apple IIe	(1/90)	$49.00

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RC-111	1.4M 3.5 drive/card combo for IIe or IIGS	(10/92)	$329.95
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RC-103	10 Static-Guard binder pages. for 3.5 disks	(4/90)	$9.97

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Math Coprocessor

IS-001	Floating Point Engine	(4/90)	$249.00

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DC-003	Magnavox RGB Monitor for IIGS	(9/90)	$319.00
RC-005	IIGS RGB cable for Magnavox Monitor (120 volts)		$23.00
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SQ-004	bitMouse serial mouse card w/o mouse	(10/92)	$69.95
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SQ-003	SuperCOMM serial card	(10/92)	$79.95

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RT-001	SuperWorks (MS-DOS AppleWorks clone)	(9/91)	$199.00
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Publications

Our flagship publication is the 8-page monthly newsletter ***A2-Central.*** It's designed to be an international information clearinghouse for Apple II users of every persuasion.

A newsletter/disk subscription to ***A2-Central*** is also available. You get both the paper newsletter and a 3.5 inch disk each month that's filled with useful goodies provided by our subscribers and guests.

We publish three additional 3.5-disk-based publications. ***TimeOut-Central,*** for AppleWorks and TimeOut users; ***Studio City*** for HyperStudio users; and ***Script-Central,*** for HyperCard IIgs users.

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Apple II-Plus

QS-002	Sather: Understanding the Apple II	(8/92)	$14.95

Apple IIe

QS-003	Sather: Understanding the Apple IIe	(8/92)	$14.95
AW-003	Apple IIe Tech Ref		$24.95

Apple IIc

DA-007	Apple: Apple IIc Tech Ref 2nd Ed (1989)	APDA	$30.00
DA-008	Apple: Apple IIc Memory Card Reference	APDA	$15.00
HS-005	SAMS Computerfacts: IIc	(8/88)	$39.95

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HS-003	SAMS Computerfacts: Disk II	(8/88)	$24.95
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DA-027	Apple: GS/OS Device Driver Reference	APDA	$29.00
BW-012	ByteWorks: Prgmrs Sys 6 Ref		$45.00

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DA-042	Apple: Apple IIgs Technical Notes	(10/92)	$30.00
DA-046	Apple: Complete Set of Apple Tech. Notes	(10/92)	$65.00
AW-017	Little: Exploring the Apple IIgs	(6/88)	$22.95
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December 1992

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We must have your order by Jan 15 if you want to be a charter subscriber to our newest publication:

Fishhead's Children

Bridges and lighthouses for computer users

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This is Tom Weishaar speaking. Every day we get letters from our subscribers telling us that they love our publications, but that they're switching to a Mac or an MS-DOS machine. The letters always say something like, *"If you ever start a newsletter about my computer, let me know, I'd like to be a subscriber."*

As you should know by now, we're strong believers in the Apple II and always will be. But we can't ignore reality forever. Our Apple II user base is slowing moving on to other machines. It's time for us to jump in and help our subscribers make the transition.

Beyond the Apple II

So I'm starting a new newsletter, ***Fishhead's Children.*** It's designed to build bridges from the Apple II to other kinds of computers. It should also be of interest to people who've never used an Apple II, but need bridges between the computers they do use.

Because in today's computer world, we're all faced with having to to sit down and be productive on a variety of machines. On Mondays maybe it's Macintoshes, on Wednesdays maybe it's Windows, on Sundays maybe it's UNIX workstations and terminals.

Fishhead's Children will be a monthly education for people who want to know more about the computer they're not already an expert on. It will talk about Macs in terms IBM-types can understand; about MS-DOS, Windows, and OS/2 in terms Mac folks can understand; and about Apple IIs and UNIX in terms anybody can understand.

But why "Fishhead's Children"?

In the early years of the last decade, way back when Steve Jobs was still head evangelist for the Apple II, a couple of Apple's programmers were working on a program that the company wanted to ship in the box with its computers. It was a program for managing files — copying them, deleting them, renaming them. What was original and amazing about this program was that users didn't have to type in file names to use it. The program listed the names of files on the screen and users selected which files to act on.

The programmers named the program FISHHEAD. During testing, someone from Apple's marketing department insisted that FISHHEAD wasn't acceptable. So the programmers put their heads together and changed the name to FID. (Now you remember?)

Before FID was released, a fellow from marketing paid the programmers a visit. He wanted to know what "FID" stood for. "FIle Developer," they said. The fellow from marketing liked that, told them "nice job," and left. But after the door closed behind him, the programmers slapped hands and gloated, "Fishhead In Disguise!"

Who should subscribe

Fishhead's Children is a newsletter about the programs that come in the box with today's computers. So let me warn you up front. If you only use one kind of computer and you've read the manuals and you understood them, you don't need ***Fishhead's Children.***

But if you use an Apple II at home and Windows at work, or if your kid uses a Macintosh at school but your office came equipped with a UNIX terminal, or if you're an MS-DOS wizard but the gal in the next cubicle is using OS/2, then you'll want to read ***Fishhead's Children.***

Or if you scanned the OS/2 manuals and found them thin, or the MS-DOS manuals and found them thick...if you studied the manuals for Macintosh System 6 (or 5) but now you use System 7...if your UNIX training was high viscosity...if you think Window's a pane...think about getting ***Fishhead's Children***.

Every other computer publication I know of assumes that you'll spend your entire life using just one computer. And maybe you will. But if you're like the people I know, **you have to use more kinds of computers than you've read the manuals for.** That's why you should subscribe to ***Fishhead's Children*** .

You'll Save Time and Money

Most people spend half-an-hour to an hour with our newsletters each month and in that time they read every word we print. You can't even turn all the pages in most computer manuals or magazines in that amount of time, much less absorb much of anything. What you read in our newsletter will be immediately useful. It will give you tips and techniques for solving the problems you're having today and tomorrow. If what you want is slick pictures of big buck equipment you can't afford, I'm out of here. If what you want is solutions to the problems you've having today, invite me in.

You'll Get A Continuous Education

Training. Retraining. Education. It's what you need to get and keep ahead. Knowing how to use whatever computer somebody sticks in front of you gives you power.

Let me show you how to hook your personal Mac portable into the UNIX system at work. Let me show you how to select letters, words, or paragraphs without taking your hands off the keyboard no matter what kind of machine you're working on. Let me show you how to fix that hard drive that won't boot with the software that came in the box with your computer.

Continued on next page

More on *Fishhead's Children...*

Our New Automatic Renewal Program

Unlike our other publications, ***Fishhead's Children*** doesn't have multi-year subscription rates. But it does have auto renewals. Pay for your first year with your Visa or Mastercard and ask to be in our automatic renewal program. You pay just $39 a year. A few days before we send the last issue of your initial subscription, we'll renew your subscription for you. *You'll have no renewal junk mail, no need to buy stamps or make phone calls, no double payments, no missed issues, you'll pay just one year at a time, and you'll get our best subscription rate.* And you can cancel at any time and get an immediate refund on outstanding issues.

Cancel At Any Time

If you sell all your computers and buy the Brooklyn Bridge and bungee jumping equipment, you'll probably want to cancel your subscription to ***Fishhead's Children,*** too. We send refunds on outstanding issues of our publications immediately, no questions asked. And if you're not happy with ***Fishhead's Children,*** we'll send your entire subscription payment back. Let us take the risk.

Free Airmail Delivery Worldwide

Fishhead's Children will be published monthly on the same paper we use for ***A2-Central.*** This means we can send it airmail all over the world for the basic subscription rate. It also means it takes up less shelf space than any other computer publication.

What Only Charter Subscribers Get

Here's something to get you off your duff. If you call us, fax us, or otherwise get your order form to us by Jan 15, you'll become a subscriber while our first issue — January 1993 — goes to new subscribers. I'm going to rubber stamp all the newsletters in that first batch with "Official Charter Subscriber" and autograph them. This will be no laser-printed signature, my friend, this will be the real thing. And you'll have to be in that first batch to get one. So call or write today. We don't have ***Fishhead's Children*** in the subscription area of our origami order form yet, so it's a write-in candidate:

FH-1	**Fishhead's Children (12 issues, standard renewal)**	**$49**
FH-AUTO	**Fishhead's Children (12 issues, automatic renewal)**	**$39** ✓

(Auto renewal requires that you pay by credit card)

Resource Central's Apple II publications:

A2-Central

An international clearinghouse of information for users of all types of Apple IIs. Winner of Best Apple II Publication award in both 1990 and 1991.

A2-1	A2-Central 12 issues/yr, 8 pages	1 year	$34.00
A2-2		2 years	$60.00
A2-3		3 years	$84.00

A2-Central-on-disk

Our award-winning newsletter plus a monthly disk filled with the best stuff we find online and in our mailbox. 12 issues per year, newsletter & 3.5 disk.

AD-1	1 year	$90.00
AD-2	2 years	$168.00
AD-3	3 years	$240.00
AD.Sam	A2-Central-on-Disk sample issue	$3.00

Studio City

The latest tips and news for creators of HyperStudio stacks. Tutorials, examples, clip art & sounds, and more. 6 issues/yr, 3.5 disk only.

SC-1	Studio City	1 year	$48.00
SC-2	(formerly Stack-Central)	2 years	$87.00
SC-3		3 years	$123.00
SC.Sam	Studio City Sampler Disk		$3.00

Script-Central

All about Apple's HyperCard IIgs and HyperTalk, its scripting language. Your letters, our XCMDs, Tools, Buttons – awesome! 6 issues/yr, 3.5 disk only.

HC-1	Script-Central	1 year	$48.00
HC-2		2 years	$87.00
HC-3		3 years	$123.00
HC.Sam	Script-Central Sampler Disk		$3.00

TimeOut-Central

Editor Randy Brandt of Beagle & UltraMacros fame gives you the latest AppleWorks & TimeOut tips, macros, and wares. 6 issues/yr, 3.5 disk only.

TO1	TimeOut-Central	1 year	$48.00
TO2		2 years	$87.00
TO3		3 years	$123.00
TO.Sam	TimeOut-Central Sampler Disk		$3.00

Classic Apple Thunder

1 Meg IIe/IIc cards

Here's an inexpensive way to get a large AppleWorks 3.0 desktop and fast AppleWorks 3.0 performance. Sequential System's 1 megabyte memory card for the Apple IIe is just $79.95. Fits in the IIe auxiliary memory slot. Take out your 80-column card, put it on the shelf, then plug this baby in instead.

We can also get you a 1 Meg memory card for later Apple IIc computers. (To determine if a IIc can use this card, enter PRINT PEEK (64447) at the Applesoft prompt. If the computer responds with 3, 4, or 5, the card will work. If it responds with 255, 0, 1, or 2 it will not.) Includes installation instructions.

These cards are from Sequential Systems and come with RAMdisk software. Caution: Desktop expansion software for AppleWorks 2.1 and earlier versions isn't included.

SQ-002	**1 Meg IIe Memory Board**	**$79.95**
SQ-007	**1 Meg IIc Memory Board**	**$169.95**

IIe Mouse

You can turn an Apple IIe into a desktop publishing workhorse with *Publish It.* Like many other programs, however, *Publish It* works far better with a mouse. Sequential System's new bitMouse controller works with MS-DOS-style serial mice. You can get the card from us with a mouse, or you can get it without and pick out the exact mouse you want.

SQ-004	**bitMouse card (w/o mouse)**	**$69.95**
SQ-005	**bitMouse care & mouse**	**$99.95**

IIe Serial Interface

Hey, another thing you can do with a IIe is hook a modem to it and use it as a telecommunications workhorse. See the back page of this catalog for telecom ideas. If you have a IIe, you need a serial card to hook the modem to, however. Sequential Systems has an Apple Super Serial Card-compatible interface that's perfect for this and other applications.

SQ-003	**SuperCOMM Serial Card**	**$79.95**

Zip Accelerator

For additional IIe/IIc speed, the Zip 8Mhz accelerator will blow the socks right off Santa Claus. Plugs into microprocessor socket. Complete installation instructions included.

ZC-002	**Zip 8MHz Accelerator for IIe**	**$139.95**

Publish It v4.0

Publish It is a full-featured desktop publishing tool that allows you to design, layout, produce, and print top-quality, professional-looking, colorful documents. It allows you to do page layout, word processing, typesetting, and graphics. It comes with a quick-start mini-manual designed to get you up and running in less than 60 minutes, as well as full documentation.

Even though it's a ProDOS 8 program, Publish It uses Apple's desktop interface, just like the Apple IIgs or a Macintosh. You'll see exactly how your finished document will look on your computer screen. You can use the program's built-in layout tools to overlap, reposition, and resize elements on the page. You have the power to easily change a layout or experiment with alternative page layouts. Once your pages look the way you want them to, you can print them on your dot matrix or laser printer.

Supported printers include all printers commonly used with Apple IIs, including major lines from Apple, Epson, Gemini, and Okidata, all PostScript printers, and all printers compatible with one of these. Version 4 also supports Hewlett-Packard DeskJet and LaserJet printers. Or you can print to a PostScript file that you can take a typesetting service bureau for the highest-quality output.

TW-001	**Publish It 4**	**$119.00**

Some Rainbows

Optical Character Recognition

VI-001	Quickie Scanner	$219.95
WC-001	InWords OCR (512K enhanced IIe or IIgs)	$99.00

Apple IIGS Lightening

There are literally hundreds of thousands of Apple IIgs computers in the world with 512K of memory and one 3.5 disk drive. These machines can compete with the Macs and PC clones of the world when they have equivalent amounts of memory, hard drive storage, Apple IIgs System 6, and great up-to-date software.

IIGS 4 Meg Card $149.95

This new IIgs RAM card with 4 Megs of memory soldered right on the board is our hottest-selling product. The card is fully compatible with GS/OS, DMA, and all IIgs software. It has a multi-layer circuit board and a cool, low-power design. It comes with diagnostic software on disk. But best of all is the price.

SQ-001 4 Meg IIgs Memory Board $149.95

Zip 8Mhz/16K IIgs Accelerator

Speed up your Apple IIgs with Zip's low-power accelerator. Adding this card to your system speeds up everything you do on your IIgs, from older Applesoft programs, to *AppleWorks*, to the latest desktop programs like *HyperStudio* and *HyperCard IIgs*.

Zip's accelerator runs at 8 MHz and has 16K of on-board fast cache memory. It is expandable to 64K of cache and 12 MHz. It's DMA compatible, can be configured using either DIP switches or software or both, and includes a diagnostic LED. It comes with a paper manual, a manual on disk, and desk accessories for configuration. It installs in either slot 3 or slot 4. No need to disable your screen or mouse.

ZC-001 Zip 8Mhz/16K Accelerator $199.95

Sharp QA-25c Projection Panel

Here's a great deal for your school or user group demos. Connect this projection panel to the composite video connector on the back of your Apple II (any Apple II!) and lay the panel on an overhead projector. It's a portable Big-Screen system!

We bought this panel to use at our summer conference, but then moved the conference to a facility that has real (and real expensive) big-screen projectors in the seminar rooms and haven't needed it.

Images are projected in dark blue, with a light grey background. Also works with IBM-PCs and compatibles (CGA port required). One only — like new except price!

SO-QA25 Sharp Projection Panel $499.00

GS RAM Expander

Connect this to your 1 Meg Apple memory card and you'll be able to add from 1 to 4 additional Megs of memory to your system. Uses standard 1 Meg chips. Comes with 32 empty sockets.

CV-002-0 CVTech GS-Memory 0K $39.95

GS/OS System 6

This is Apple's official system 6 package. It includes 6 disks and Apple's own big 392-page manual. Upgrade your IIgs to the latest system software.

DA-013 GS/OS System 6 w/User Manual $39.00

Pointless

In the Mac and MS-DOS worlds, the equivalent program to ***Pointless*** is the best-selling *Adobe Type Manager*. ***Pointless*** displays fonts on your screen or printer with sharp edges at any point size. ***Pointless*** works with any GS/OS program, including favorites such as *HyperStudio, HyperCard IIgs, GraphicWriter III, Platinum Paint,* and *AppleWorks GS.*

Pointless works with the same TrueType fonts popular on the Macintosh. The package includes New York, Geneva, Courier and Courier Bold, Monaco, Chicago, and Symbol. Unlike IIgs fonts, you don't need a separate file for each point size. One TrueType font file and ***Pointless*** can create any size of type you want — without jaggies. Public Domain and ShareWare TrueType fonts are widely available in places such as our font library on GEnie.

WC-002 Pointless $49.95
FC-002 300 TrueType Fonts $63.75
RC-112 Pointless/Font Combo $99.95
(Combo offer expires December 31, 1992)

MultiMedia

Apple's ***HyperCard*** has always been part of the driving force behind the Macintosh. ***HyperCard IIgs*** is Apple's own clone of the Macintosh version. However, unlike the Mac version, this one supports color

HyperCard is based on the idea of stacks of cards. You can paint designs on the cards, add text fields, and add buttons that initiate actions when they are pressed. Button actions and other stack features are controlled using a modern object-oriented programming language called HyperTalk.

Another program that allows you to create stacks of cards that hold text, graphics, sounds, and buttons is ***HyperStudio.*** The primary difference between ***HyperCard*** and ***HyperStudio*** is that most features of ***HyperCard*** require the author to use the HyperTalk programming language. Most features of ***HyperStudio,*** on the other hand, are selected from menus and lists using the point-and-click desktop interface.

AP-002 HyperCard IIgs v1.1 $69.00
RW-005 HyperStudio v3.1 $125.00

Universe Master

If hard disk efficiency, organization, and security are what you're after, ***Universe Master*** is for you. This IIgs desktop program gives you the ability to backup files, folders, or entire volumes with the click of an icon; it allows you to see your folder hierarchy and move, delete, and compress files; and it allows you to recover deleted files, repair damaged directories, and reconstruct damaged volumes. But wait there's more. There's data encryption, text file editing, a block editor, folder sorting, and disk optimization.

ET-001 Universe Master $99.00

Kangaroo

Kangaroo is neat. It adds a pull down menu inside the Open and Save dialog boxes of Apple IIgs desktop applications. The new menu allows you to do all those things you typically want to do while Opening or Saving files but usually can't — things like creating new folders, deleting or renaming old files, and running a find-file utility. But that's just the extras. What ***Kangaroo*** is really all about is that the menu also lets you directly select any one of the last 15 folders you've used. You hop around your hard drive like a...well, you get the idea.

Kangaroo can also add a new item called "Open" to the menu bar in your Apple IIgs desktop applications. To open a recently-used file, just select it from the Open menu. You completely bypass the file selection dialog box.

SH-009 Kangaroo $34.95

Your Money Matters

Your Money Matters tracks your income, expenses, assets, and your liabilities. Categorizes these accounts any way you like. Allows split transactions. Makes the entry of recurring transactions easy. Compares monthly expenses with previous year and with budget amounts. Displays comparisons as graphs or tables. Exports or imports data. Loads all data into memory to make the program fast. Prints checks, including payee address. Flexible sorting and selection criteria make it easy to get the report or find the transaction you want. Online Help Screens. Calculates annual rate of return on investments. Budget amounts can increase/decrease a set percentage or amount each budget period. You can balance/reconcile any account, including credit cards, loans, IRAs, savings accounts, and checkbooks. No copy protection. Standard one-file GS/OS program. Works from a 3.5 or a hard disk. One data file per set of accounts (you can keep separate sets of accounts for as many people or businesses as you want).

SP-001 Your Money Matters $79.00

Out of This World

Bill Heineman's new IIgs masterpiece has won the highest rating ever given to a game by Computer Game Review. You are hurled through space and time by a nuclear experiment gone wrong. You must blend logic and skill to survive the alien land you find yourself in. Graphics you won't believe!

BR-116 Out of This World (IIgs) $49.95

GNO/ME

GNO/ME is a UNIX-like multitasking system for the Apple IIgs. Implemented as an extension to GS/OS, GNO switches between programs 60 times a second. The current release does not allow multiple desktop programs to run concurrently, however, you will be able to run one desktop program with any number of text applications. Distributed along with GNO is a growing UNIX compatibility package. This allows you to compile many BSD UNIX programs for use on the IIgs.

PR-001 UNIX-like MultiTasking $89.00

Get Online Tonight Bundle

$139 wires you to the world-wide online network!

The Get Online Bundle

We want you to join us online. Resource Central manages the Apple II areas on GEnie Services, the leading online information service owned and operated by General Electric. There are two Apple II areas on GEnie. The larger of the two is called the Apple II RoundTable, or "A2". The other is the Apple II Programmers and Developers RoundTable, or "A2Pro."

Each area includes a library of the best Apple II-related software and data files you'll find anywhere, including system software updates and technical notes direct from Apple, classic Beagle Bros software, the A2-Central font clearing house, graphics, games, and AppleWorks templates. In A2Pro's library, you'll find reams of sample source code.

In addition to the library, each area has a bulletin board where you can get fast answers to your questions. Most the leading Apple II related companies provide customer support inside the A2 bulletin board. In A2Pro we not only have some of the best IIgs programmers in the world, but a few of Apple's own engineers come by on their own time to help developers with Apple II-related puzzles.

Each RoundTable also has real-time conference rooms where you can ask questions at regularly scheduled formal and informal conferences with leading guests from the Apple II community.

To help you get online, we're offering a bundle that includes the communications software ***Talk Is Cheap,*** the 2400 baud SupraModem, and a cable for hooking the modem to your computer. It's all IIgs and IIc users need to get online with the world. (IIe users also need a serial card, see page 2 of this catalog.)

Talk Is Cheap

In order to use a modem you have to have telecommunications software running on your computer. At a minimum, this software takes your keystrokes and passes them on to the modem, which passes them on to the remote computer you're connected to, and it grabs the characters coming in from the remote computer and displays them on your screen.

Talk Is Cheap is a excellent, inexpensive telecommunications package. It saves the characters sent to you in a "scroll back buffer" so you can recall the text that scrolls off the top of your screen. It comes with an editor you can use to write messages and it has a special mode for use in real-time conferences. It supports the file transfer protocols known as XMODEM and YMODEM. And it's strongest feature is a robust "scripting language" you can use to turn it into a "hands-off" telecommunications robot.

If you prefer, however, we can send you the Cadillac of Apple II communications software, ***ProTERM,*** for an additional $45. ***ProTERM*** also supports the ZMODEM protocol, which allows you get files from GEnie and other online sources faster and easier.

Supra 2400 Baud Modem

A modem allows you to hook your computer to the world-wide telephone network. Once connected, you can call other computers — from Apple IIs running local bulletin boards to the large mainframes used by international information services such as GEnie. Modems work at various speeds, or "baud rates." Most modems sold today operate at a variety of speeds up to 2,400 baud. And faster 9,600 and 14,400 baud modems are just now becoming popular.

Our bundle includes the Supra 2400 baud modem. It's an external modem. It sits on the desk beside your computer. It comes with one of those little power cubes that plugs into the wall and a phone cable that plugs into a modular jack. You also have to connect the modem to your computer with a "serial cable." Since the cable you need depends on which computer you have, please specify which one you need.

If you're tempted to get a state-of-the-art modem, you should know that recent rapid changes in modem technology are starting to slow down and prices and standards are starting to settle.

We carry a complete line of SupraModems. These modems work with **any computer**, including all Apple IIs (Apple IIe and II-Plus computers require an additional serial interface card, see page 2 of this catalog). They are 100 per cent compatible with the industry-standard "AT" command set, automatically adjust to optimal protocol and rate, include everything you need except software and serial cable, and have a 5-year limited warranty.

For an additional $39.95 we can send you a bundle that includes the Supra 2400 baud modem with MNP5 and v.42bis. These are error correction and data compression protocols that reduce transmission errors and increase throughput up to four times when you're connected to another modem that supports MNP5 or v.42bis.

For those of you ready to upgrade to 9600 baud, we have the SupraModem 9600 v.32 and the top of the line v.32bis. These modems do everything the 2400 baud MNP5/v.42bis modem does, but they do it four times faster when you're connected to another industry-standard v.32 modem (six times faster, **14,400 baud,** when connected with v.32bis). They have a digital status display and are also include full send/receive fax capabilities when combined with compatible Class 1 or Class 2 Fax software (no fax software is included with our modems; stand-alone fax software is not currently available for the Apple II series.)

Our modems, cables, and software are all available separately as well as in our bundle. Let us know what you need, we want to see you online!

Our Get Online Tonight Bundle			**$139.00**
CS-001	Talk Is Cheap	reg	$40.00
SM-001	Supra 2400 baud modem (110 volts)	reg	$99.00
Plus any one of:			
RC-001	6' modem cable for IIgs/IIc-Plus/Mac	reg	$15.00
RC-002	6' modem cable for older IIc	reg	$15.00
RC-003	6' modem cable for IIe-style serial cards	reg	$15.00

Hotter Bundles

Instead of Talk Is Cheap					
IS-003	ProTERM	reg	$85.00	add	$45.00
Instead of the Supra 2400 baud modem					
SM-003	2400 baud MNP5	reg	$149.95	add	$39.95
SM-004	9600 baud v.32	reg	$279.95	add	$169.95
SM-005	14400 baud v.32bis	reg	$349.95	add	$229.95

$413

Start your own bulletin board

MD-003 ProLine Bulletin Board System v2.0 $199.95

How to open an account on GEnie

payment: Have your credit card number ready
Invoice billing available in the U.S.—call the customer service number shown for more information.

United States

Set-up:	Half Duplex (local echo) 300, 1200, or 2400 baud
Dial:	1-800-638-8369
Upon connection, enter:	**HHH**
At the "U#=" prompt, enter:	**XJM11797,CENTRAL** (no spaces) and press RETURN
Need help?	For GEnie customer service (voice) call 1-800-638-9636

Rates

GEnie's basic rate is $4.95 per month. This includes unlimited access to more than 100 products, including email. An additional rate of $6 per hour on evenings and weekends ($18 per hour daytime) applies to personal computing RoundTables, including A2 and A2Pro, and other areas.

Resource Central

P.O. Box 11250 • Overland Park, KS 66207 • 913-469-6502 • (Fax 913-469-6507)

Resource Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your publication.

January 1993

New Stuff

Shanghai II: Dragon's Eye

Like the original *Shanghai*, ***Shanghai II*** is a strategy game based on the ancient oriental game of Mah-Jongg. Th object of *Shanghai* is to remove 144 tiles from a stack of tiles by removing matched pairs. It sounds simple, but you must think several moves ahead in order to free key tiles that otherwise would be buried in the stack.

Shanghai II offers 13 different stack layouts and 8 different sets of tiles. The sets include alphabet, animals, fantasy, sports, cards, flags of the world, and Mah-Jongg. Some of the tiles are animated. When you select matching tiles, the tile icons erupt, splash, frown, laugh, kick, or otherwise surprise you with action and sound.

Shanghai II also introduces an entirely new game option called *The Dragon's Eye*. In this game the goal of the Master is to build a dragon by placing tiles on the board. The goal of the slayer is to tear the dragon down by matching tiles. A perfect family game. Requires an Apple IIgs with 1.25 megs of memory. Hard drive installable.

BR-124 Shanghai II: Dragon's Eye $49.95

Pick 'N Pile

In this new Apple IIgs game from Procyon, a multitude of colored balls are falling from the sky. It's your job to make them disappear. Excellent playability, superb graphics and sound effects.

PR-002 Pick 'N Pile $29.95

AutoArk

You can **double the capacity of your hard drive** with ***AutoArk*** from Econ Technologies! This IIgs System 6 extension *automatically* compresses and expands files an average of 50 per cent, on-the-fly, as you load and save from within GS/OS programs. Files used with ProDOS 8 programs can be compressed and expanded from the Finder. Compressed files can also be encrypted and password protected. Compatible with Econ's *Universe Master.*

ET-002 AutoArk $39.95

UltraCat

Cecil Fretwell's *UltraCat* is the ultimate utility for listing what's on disks and for finding files. It loads all available system information about a file into an searchable, printable window. Shows hidden files and files with resource forks. Search with masks.

CF-001 UltraCat $24.95

Contacts GS

Here's a sweet and simple desk accessory for tracking the addresses and phone numbers of your personal and business contacts. Accessible from within any GS/OS program. Can dial phone with your modem or via the IIgs speaker. Search by first or last name, city, area code, or comments.

SS-011 Contacts GS $14.95

ProDOS 8 System Disk v4.0.1

AT LAST! Apple has just released its update to the **ProDOS 8 System Disk** that corresponds to the GS/OS System 6 release. This disk requires a 128K enhanced Apple IIe, a IIc, or a IIgs. (If you need a 64K Apple II-Plus to unenhanced Apple IIe ProDOS system disk, order DA-902 ($14) instead. If your interest is DOS 3.3, order DA-022 ($20), the DOS 3.3 User's Manual, which now includes a disk) The new ProDOS 8 v4.0.1 package includes both 3.5 and 5.25 disks.

You get ProDOS 8 v2.0.2, Basic.System 1.5, SysUtil.System v3.1, and FastCopy.System, v1.0.1. SysUtil.System allows you to copy, delete, and rename files and disks. It will also copy files between DOS 3.3, Apple Pascal, and ProDOS disks. FastCopy.System allows copying entire 3.5 or 5.25 disks.

Also on the 3.5 disk is Clock.Patch, a program that can be run to update ProDOS so it will display the correct year when the current settings expire in 1996.

DA-002 ProDOS 8 System Disk v4.0.1 $14.00

Ultra 4.1

Ultra 4.1 is Randy Brandt's latest major upgrade to *TimeOut UltraMacros*. Hardware-wise, it requires an enhanced IIe, IIc, or IIgs with at least 192K of memory. Software-wise, you must have *TimeOut Ultramacros 3.0.*

Ultra 4.1 offers many powerful new features, including more variables, for-next loops, and improved versions of old commands. It adds dozens of new commands, as well as a new ability to add additional "dot" commands.

Ultra 4.1 provides you with one of the most powerful programming environments available for classic Apple II computers. You get all the power of AppleWorks for your development environment and to use as tools. *Ultra 4.1* gives you total control over AppleWorks.

The *Ultra 4.1* package includes *Ultra Extras,* which was originally planned as a separate package. The extras include an advanced debugger, more new commands, and sample files and tips.

JE-013 Ultra 4.1 39.95

1040 Works

Nobody looks forward to doing their taxes, but this year you can use classic AppleWorks and ***1040Works*** to make the job easier and more fun.

1040Works is a set of professionally-designed AppleWorks templates that compute the U.S. federal income tax. You load the files on the AppleWorks desktop, fill in the blanks, and watch *1040Works* do its magic. *1040Works* prepares and prints the following tax schedules and forms: 1040, A, B, C, D, E, F, R, SE, 2106, 2119, 2210, 2441, 3903, 4562, 6251, 8283, 8582, 8582-CR, 8606, 8615, 8814, 8829.

1040Works-X requires 256K of memory and AppleWorks 2.0 or later, but is easier to use because it produces all 23 tax forms with fewer templates.

NA-003 1040 Works 5.25 disks $34.95
NA-004 1040 Works 3.5 disks $34.95
NA-005 1040 Works-X 5.25 disks $34.95
NA-006 1040 Works-X 3.5 disks $34.95

Tax Planner

The ***1040Works Tax Planner*** is a set of classic AppleWorks templates that will help you estimate your tax liability for future years, making it easier to find ways to reduce your taxes.

NA-007 1040Works Tax Planner 5.25 disks $27.95
NA-008 1040Works Tax Planner 3.5 disks $27.95

Howardsoft Tax Preparer

Tax Preparer is professional tax planning and return preparation software. It runs on anything from a 64K Apple II-Plus to an Apple IIgs, and takes advantage of additional memory and 80-column screens when available. It not only performs the arithmetic, but also knows the tax laws well enough to complete forms based on raw data. You can enter data throughout the year and generate model returns for future years that result in more accurate tax planning than is possible with most tax-planning software.

Tax Preparer brings to the consumer the tax expertise that the professional demands and it brings to the professional the ease-of-use that the consumer demands. The tax novice will appreciate its built-in protections against illogical entries and its automatic computation of overlooked credits. The tax professional will appreciate the thoroughness of its automation, from data entry through printing, and the depth of its tax support.

Annual updates are available directly from HowardSoft.

HS-001 Howardsoft Tax Preparer $199.00

Fishhead's Children

Our new newsletter for people who use more different kinds of computers than they've read the manuals for. MS-DOS, Windows, Macintosh, OS/2 — if you know one, here's the hassle free way to learn the others.

FH-1	Fishhead's Children 12 issues/yr, 8 pages	1 year	$49.00
FH-AUTO	12 issues/yr, automatic renewal each year		$39.00
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A2-Central

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A2-3		3 years	$84.00
A2-FS	Full set of printed back issues		$49.00
A2-FSD	Full text of paper back issues on 3.5 disks		$49.00
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A2V2	Volume 2 February 1986 – Jan 1987		$9.95
A2V3	Volume 3 February 1987 – Jan 1988		$9.95
A2V4	Volume 4 February 1988 – Jan 1989		$9.95
A2V5	Volume 5 February 1989 – Jan 1990		$14.95
A2V6	Volume 6 February 1990 – Jan 1991		$14.95
A2V7	Volume 7 February 1991 – Jan 1992		$14.95

A2-Central on disk

Our award-winning newsletter plus a monthly disk filled with the best stuff we find online and in our mailbox. 12 issues per year, newsletter & 3.5 disk.

AD-1		1 year	$90.00
AD-2		2 years	$168.00
AD-3		3 years	$240.00
AD.Sam	A2-Central-on-Disk sample issue		$3.00

Annual Sets

AD-FS89	Feb 89 to Jan 90	$60.00
AD-FS90	Feb 90 to Jan 91	$60.00
AD-FS91	Feb 91 to Jan 92	$60.00

Quarterly Sets

	Feb/Mar/Apr	May/Jun/Jul	Aug/Sep/Oct	Nov/Dec/Jan	
1989	AD-QS89.1	AD-QS89.2	AD-QS89.3	AD-QS89.4	$18.00
1990	AD-QS90.1	AD-QS90.2	AD-QS90.3	AD-QS90.4	$18.00
1991	AD-QS91.1	AD-QS91.2	AD-QS91.3	AD-QS91.4	$18.00
1992	AD-QS92.1	AD-QS92.2	AD-QS92.3		$18.00

SUBSCRIPTION CONVERSIONS: Figure out how many disks you'll get between the first one you want and the month your subscription expires and send us $4.75 per disk. **NEW SUBSCRIPTIONS:** By subscription, our disks cost for less than what most user groups charge for public domain 3.5 disks, just 4.67 per disk (($90 - $34) / 12).

Getting Started

DA-013	Apple: GS/OS System 6 w/User Manual	APDA	$39.00
CB-001	The Apple IIc — Your First Computer		$12.95
CO-004	CompuShare: Your IIgs Guide	(5/91)	$21.95

Telecommunications

Modems

SM-001	Supra 2400 baud modem (110 volts)	(1/90)	$99.95
SM-003	Supra 2400 baud modem V.MNP5	(7/92)	$149.95
SM-004	Supra 9600 baud modem V.32	(7/92)	$279.95
SM-005	Supra 14400 baud modem V.32bis	(7/92)	$349.95

Software

IS-003	ProTERM	(6/92)	$85.00
CS-001	Talk Is Cheap	(3/90)	$40.00
MD-003	ProLine Bulletin Board System V 2.0	(11/91)	$199.95
MD-004	ModemWorks v3.0	(11/91)	$79.95
KG-001	Co-Pilot (GEnie interface for IIgs)	(1/91)	$25.00
TH-001	GEnie Master 4.0		$20.00
	(requires AWorks 3.0 & TIC, Point-to-Point, or ProTerm)		

Modem Cables

RC-001	6' cable for IIgs/IIc-Plus	(1/90)	$15.00
RC-002	6' cable for older IIc	(1/90)	$15.00
RC-003	6' cable for serial cards	(1/90)	$15.00

Multimedia

Studio City

The latest tips and news for creators of HyperStudio stacks. Tutorials, examples, clip art & sounds, and more. 6 issues/yr, 3.5 disk only.

SC-1	Studio City (formerly Stack-Central)	1 year	$48.00
SC-2		2 years	$87.00
SC-3		3 years	$123.00
SC.Sam	Studio City Sampler Disk		$3.00
SC-FS90	Annual disk set (Feb 90 to Dec 90)		$36.00
SC-FS91	Annual disk set (Feb 91 to Dec 91)		$36.00
SC-SS90.1	Semiannual disk set (Feb/Apr/Jun 90)		$20.00
SC-SS90.2	Semiannual disk set (Aug/Oct/Dec 90)		$20.00
SC-SS91.1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
SC-SS91.2	Semiannual disk set (Aug/Oct/Dec 91)		$20.00
SC-SS92.1	Semiannual disk set (Feb/Apr/Jun 92)		$20.00

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All about Apple's HyperCard IIgs and HyperTalk, its scripting language. Your letters, our XCMDs, Tools, Buttons – awesome!

HC-1	Script-Central 6 issues/yr, 3.5 disk only	1 year	$48.00
HC-2		2 years	$87.00
HC-3		3 years	$123.00
HC.Sam	Script-Central Sampler Disk		$3.00
HC-FS91	Annual disk set (July 91 to May 92)		$36.00
HC-SS91.1	Semiannual disk set (July/Sep/Nov 91)		$20.00
HC-SS91.2	Semiannual disk set (Jan/Mar/May 92)		$20.00
HC-SS92.1	Semiannual disk set (July/Sep/Nov 92)		$20.00

HyperBole

A multimedia artistic and literary journal on disk. There's nothing else like it anywhere! Requires IIgs

HB-FS	All back issues (Feb 91 to June 92)		$54.00
HB-SS91.1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
HB-SS91.2	Semiannual disk set (Aug/Oct/Dec 91)		$20.00
HB-SS92.1	Semiannual disk set (Feb/Apr/June 92)		$20.00

Multimedia software

AP-002	HyperCard IIgs v1.1	(5/92)	$69.00
DA-030	HyperMover(2-3.5 disks)	(7/92)	$15.00
DA-034	HyperCard IIgs Developer's Kit	(9/92)	$15.00
RW-005	HyperStudio (for IIgs) v3.1	(1/90)	$125.00
RW-009	HyperStudio Xcommands, Vol 1	(11/90)	$39.95

Books & Tools

AW-042	Apple: Hypercard IIgs Script Guide	(3/91)	$23.99
AW-034	Apple: Hypercard Stack Design		$16.95
DA-030	HyperMover (2-3.5 disks)	(7/92)	$15.00
DA-034	HyperCard IIgs Developer's Kit	(9/92)	$15.00
DA-045	Apple: HyperCard IIgs Technical Notes	(10/92)	$3.00

Clip art

TV-002	ClipArt Plus	(3/91)	$39.95
TV-004	Animated Icons	(8/92)	$29.95
DS-011	ClipVision 1.1	(3/91)	$29.95
RW-007	HyperStudio Clip-Art, Vol 1	(11/90)	$19.95
RW-011	HyperStudio Clip-Art, Vol 2	(3/91)	$24.95

Sound

TV-003	Sound Convert	(3/92)	$39.95
TV-001	ClipTunes (2 disks)	(3/91)	$39.95
DS-012	ClipSounds (10 disks)	(3/91)	$59.95
DS-013	ClipSounds Vol 2 (5 disks)	(1/92)	$29.95
RW-008	HyperStudio Clip-Sounds, Vol 1	(11/90)	$19.95

Desktop Publishing

Desktop Publishing Software

SH-004	GraphicWriter III (IIgs)	(12/91)	$99.95
TW-001	Publish It 4 (Enhanced IIe, any IIc or IIgs)	(8/91)	$119.00
SH-008	Seven Hills: Formulate (IIgs)	(4/92)	$39.95

Fonts

WC-002	Pointless	(4/92)	$49.95
SH-005	Font Factory	(12/91)	$39.95
FC-001	A2-Central Font Collection	(3/90)	$39.00
	8 3.5 disks of fonts in ShrinkIt format		
FC-002	TrueType Font Collection	(11/92)	$63.75
	20 3.5 disks of fonts in ShrinkIt format		

Graphics/Imaging

Imaging

VI-001	Quickie Scanner	(10/90)	$219.95
WC-001	InWords OCR (512K enhanced IIe or IIgs)	(3/91)	$99.00

Graphics

DW-001	DreamGraphix	(4/92)	$74.95
BB-007	Platinum Paint (for IIgs)	(3/91)	$79.00
BB-008	Beagle Draw (for IIgs)	(11/91)	$69.00
SH-003	Jason Harper's SuperConvert (for IIgs)	(7/91)	$39.95
RW-004	Graphics Exchange (for IIgs)	(1/90)	$37.50
RW-013	Graphics Exchange Library Disk #1	(12/91)	$29.95
RW-012	Desktop Screen Saver (for IIgs)	(3/91)	$24.95
RI-001	Second Chance (IIgs image enhancement)	(11/90)	$39.95

AppleWorks

TimeOut-Central

Editor Randy Brandt of Beagle & UltraMacros fame gives you the latest AppleWorks & TimeOut tips, macros, and wares.

TO1	TimeOut-Central 6 issues/yr, 3.5 disk only	1 year	$48.00
TO2		2 years	$87.00
TO3		3 years	$123.00
TO.Sam	TimeOut-Central Sampler Disk		$3.00
TOFS91	Annual disk set (Sep 90/Sep 91)		$32.00
TOSS90.1	Semiannual disk set (Sep/Nov/Mar 91)		$18.00
TOSS91.1	Semiannual disk set (May/July/Sep 91)		$18.00
TOSS91.2	Semiannual disk set (Nov/Jan 92/Mar 92)		$18.00
TOSS92.1	Semiannual disk set (May/July/Sep 92)		$18.00

Books

IN-006	Aron: Using AppleWorks	(6/90)	$21.95
DB-001	Using the DeskJet 500 with AppleWorks	(9/91)	$20.00
AW-027	Brown: Using AppleWorks GS		$19.95

Software

RT-001	SuperWorks V. 2.0	(9/91)	$149.00
	(MS-DOS AppleWorks clone)		

TimeOut UltraMacros

JE-013	Ultra 4.1 (requires UltraMacros 3.0)	(1/93)	$39.95
BB-005	TimeOut UltraMacros (AppleWorks 3.0)	(12/90)	$49.95
BB-006	MacroEase (requires UltraMacros 3.0)	(12/90)	$34.95
NA-001	Munz: UltraMacros Primer	(3/90)	$19.95
MM-002	Ultra-AppleWorks (UltraMacros tutorial on 3.5 disk)		$19.95
MM-003	Ultra-AppleWorks (book, samples on 3.5 & 5.25)		$24.95
MM-001	Ultra AWesome Macros (UltraMacros 3.0)	(3/91)	$19.95
MM-004	Ultra AWesome Macros II (UltraMacros 3.0)	(3/92)	$19.95

Enhancements

JE-012	OmniPrint	(9/92)	$32.00
JE-011	DB Pix	(6/92)	$25.00
JE-010	TotalControl	(7/91)	$49.95
JE-008	Outliner 3.0	(9/90)	$39.00
JE-007	DoubleData v2.0	(7/90)	$40.00
JE-006	SpellCopy	(7/90)	$12.50
JE-005	Pathfinder	(7/90)	$20.00
JE-001	Flexical (AppleWorks 2.x or 3.0)	(7/90)	$30.00
FW-001	Elite Fantasy Football System	(8/91)	$79.95

Patch programs

BB-004	Beagle AppleWorks 3.0 Companion Plus	(5/90)	$39.95

AppleTalk Networks

Books

AW-030	Apple: Understanding Computer Networks		$9.95
AW-043	Planning & Managing AppleTalk Networks	(4/92)	$18.95
IN-002	Hands on AppleTalk	(3/90)	$21.95
DA-012	Apple: Apple II AppleShare Prog Guide	APDA	$30.00
AW-035	Apple: Inside AppleTalk		$34.95

Network hardware

OE-001	ModuNet 8-pin for IIe, IIgs, new Macs		$19.95
SQ-006	AppleTalk card for ImageWriter II	(10/92)	$95.00

System Disks

DA-002	Apple: ProDOS 8 System Disk v4. (5.25 disk)		$14.00
DA-902	Apple: ProDOS 8 v1.9 (5.25 disk, II-Plus up)		$14.00
DA-013	Apple: GS/OS System 6 w/ Manuals	APDA	$39.00
DA-006	Apple: GS/OS System 6 (6–3.5 disks & DA-031)		$24.00
DA-031	Apple: System 6 Release Notes(3.5 disk)	APDA	$4.00
DA-029	Apple: System 6 Golden Master CD ROM	APDA	$99.00

Education

Books

VS-001	Vernier: Build a Better Mousetrap	(7/88)	$24.95
VS-002	Vernier: Chaos in the Laboratory	(7/91)	$25.95
AW-013	Snyder: In Search of the Most Amazing Thing		$10.95

Software

SG-001	My Paint (IIgs)	(9/92)	$39.95
SG-002	Alphabet Fun Coloring Disk for My Paint		$19.95
SG-003	Majelix Characters Coloring Disk for My Paint		$19.95
SB-001	GSNumerics (for IIgs)	(4/90)	$79.95
BR-101	Cartooners (IIgs)	(6/92)	*$14.95
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BR-001	Yeager's Flight Trainer (IIe/IIc)	(6/92)	*$14.95
BR-103	Life & Death (IIgs)	(6/92)	*$14.95
BR-104	Mavis Beacon Teaches Typing(IIgs)	(6/92)	*$14.95

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Books

NA-002	Apple Hard Disk Primer	(9/90)	$16.95

3.5 Disk Drives

AM-001	AMR 1.4M 3.5 drive (for IIgs/IIc-Plus only)	(10/92)	$189.00
RC-101	10 generic, 800K 3.5 disks	(4/90)	$9.49
RC-104	500 blank, continuous labels for 3.5 disks		$12.95
RC-103	10 Static-Guard binder pages. for 3.5 disks	(4/90)	$9.97

SCSI cards

AP-001	Apple SCSI card	(5/91)	$119.00
CV-001	RAMfast SCSI card w/ 3.0 ROM	(5/91)	$189.00

Disk management utilities

ET-001	Universe Master	(10/92)	$99.00
ET-002	AutoArk	(1/93)	$39.95
CF-001	UltraCat	(1/93)	$24.95
GB-001	Prosel 8 (for IIe/IIc; 3.5, 5.25 on request)	(1/90)	$40.00
GB-002	Prosel 16 (includes Prosel 8 features)	(1/90)	$85.00
QS-006	Bag of Tricks 2	(8/92)	$29.95
VI-004	Salvation: Exorciser (Virus exterminator)	(10/90)	$34.00
VI-005	Salvation: Wings (Program selector)	(10/90)	$59.00
VI-002	Salvation: Bakkup (Backup & Restore)	(10/90)	$37.00
VI-008	Salvation Supreme (5 Salvation Pkgs)	(1/92)	$99.00

Printers

GS/OS Printer Drivers

VI-006	Vitesse: Harmonie	(12/90)	$37.00
SH-002	Seven Hills: Independence	(3/91)	$29.95
SH-007	Seven Hills: Express Print Spooler	(4/92	$29.95

Books

Technical References

AW-008	Apple: ImageWriter II Technical Ref		$19.95
AW-028	Apple: LaserWriter Reference		$19.95

Troubleshooting and Repair

HS-004	SAMS Computerfacts: ImageWriter I	(8/88)	$24.95
HS-008	SAMS Computerfacts: ImageWriter II	(8/88)	$24.95

Other

TB-012	LaBadie: Build Your Own Laser Printer	(7/91)	$16.95

Printer Cables

RC-007	6' cable for IIgs/IIc-Plus	(1/90)	$15.00
RC-006	6' cable for older IIc	(1/90)	$15.00
RC-008	6' cable for serial cards	(1/90)	$15.00

Memory Cards

Sequential Systems MEG-80Z for Apple IIe

SQ-002	1 Meg	$79.95

Sequential Systems RAM IIc for Apple IIc

SQ-007	1 Meg	$169.95

Sequential Systems RAM-GS for Apple IIgs

SQ-001	4 Megs	$149.95

CVTech GS-Memory for Apple IIgs

CV-002-0	No Memory	$59.95
CV-002-1	1 Meg	$99.95
CV-002-2	2 Megs	$149.00
CV-002-3	3 Megs	$199.00
CV-002-4	4 Megs	$249.00

Memory chips

RAM-256	Set of 8 256K chips for Apple cards	$25.00
RAM-1MG	Set of 8 1-meg chips for CVTech cards	$50.00

Other Hardware

Battery

NO-001	Nite Owl Slide-On Battery Kit for IIgs	(3/90)	$14.95
NO-005	Nite Owl ROM 3 Battery Kit for IIgs	(8/92)	$12.95

Fans

NO-004	Nite Owl Super Cooler Fan for IIgs	(12/91)	$24.95
CTFAN-E	Cirtech Cool-It fan for Apple IIe	(1/90)	$49.00

Accelerator

ZC-001	Zip 8 MHz/16K Accelerator for IIgs	(3/91)	$199.00
ZC-002	Zip 8 MHz Accelerator for IIe		$139.95

Math Coprocessor

IS-001	Floating Point Engine	(4/90)	$249.00

Monitors

DC-003	Magnavox RGB Monitor for IIgs	(9/90)	$319.00
RC-005	IIgs RGB cable for Magnavox Monitor (120 volts)		$23.00
	Surface shipping outside U.S.		$20.00

Mouse for Apple IIe

SQ-004	bitMouse serial mouse card w/o mouse	(10/92)	$69.95
SQ-005	bitMouse serial mouse card with mouse	(10/92)	$99.95

Serial card for Apple IIe

SQ-003	SuperCOMM serial card	(10/92)	$79.95

Other Topics

Desk accessories

SH-009	Kangaroo	(10/92)	$34.95
SS-010	Desktop Enhancer v2.0	(1/91)	$24.95
SS-011	Contacts GS	(1/93)	$14.95
SH-001	Disk Access (disk management NDA)	(11/90)	$30.00
RW-010	Desktop File Control (disk management)	(11/90)	$24.00
RW-012	Desktop Screen Saver	(3/91)	$24.95
RW-003	SoftSwitch (program switcher for IIgs)	(1/90)	$45.00
RW-006	MacroMate (universal macros for IIgs)	(1/90)	$37.50

Games

Big Red Games

BR-001	Yeager's Flight Trainer (IIe/IIc)	(6/92)	*$14.95
BR-002	Zork Triology (IIe/IIc)	(6/92)	*$14.95
BR-003	Pinball Construction Set (IIe/IIc)	(6/92)	*$14.95
BR-004	Adventure Construction Set (IIe/IIc)	(6/92)	*$14.95
BR-005	Shanghai (IIe/IIc, joystick required)	(6/92)	*$14.95
BR-006	One-on-One (IIe/IIc, joystick required)	(8/92)	*$14.95
BR-103	Life & Death (IIgs)	(6/92)	*$14.95
BR-105	Shanghai (IIgs)	(6/92)	*$14.95
BR-106	Hardball (IIgs, joystick required)	(8/92)	*$14.95
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BR-114	Skate or Die (IIgs)	(8/92)	*$14.95
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BR-121	Warlock (IIgs)	(11/92)	*$14.95
BR-122	Hunt for Red October (IIgs)	(11/92)	*$14.95
BR-123	Deja Vu II: Lost in Las Vegas (IIgs)	(11/92)	*$14.95
BR-124	Shanghai II: Dragon's Eye (IIgs)	(1/93)	*$49.95

*** If you don't subscribe to any Resource Central publications, add $5 to the above game prices.**

Other Games

PR-002	Pick 'N Pile (IIgs)	(1/93)	$29.95
JE-002	I.O. Silver (5.25 only)	(7/90)	$20.00
NO-003	Wraith: Devil's Demise (3.5 only)	(9/90)	$12.95

MS-DOS

RT-001	SuperWorks (MS-DOS AppleWorks clone)	(9/91)	$199.00
SS-006	Cross-Works (ProDOS <—> MS-DOS)	(4/90)	$79.95

Other Topics

Financial Management & Tax Preparation/Planning

SP-001	Your Money Matters (requires IIgs)	(9/92)	$79.00
HS-001	Howardsoft Tax Preparer	(1/93)	$199.00
NA-003	1040Works (5.25, requires AppleWorks)	(1/93)	$34.95
NA-004	1040Works (3.5, requires AppleWorks)	(1/93)	$34.95
NA-005	1040Works-X (5.25, requires AppleWorks)	(1/93)	$34.95
NA-006	1040Works-X (3.5, requires AppleWorks)	(1/93)	$34.95
NA-007	Tax Planner (5.25, requires AppleWorks)	(1/93)	$27.95
NA-008	Tax Planner (3.5, requires AppleWorks)	(1/93)	$27.95
IB-001	Weishaar: Your Best Interest	(6/88)	$9.95

Data Base

SH-006	ShoeBox	(3/92)	$49.95

Music

BR-117	Music Studio 2.0	(11/92)	$34.95

KansasFest

RC-009	15th Anniversary T-Shirt (M/L/XL)	(9/92)	$10.00
KF-001	KansasFest Special Events Home Video	(9/92)	$24.95

Other

SH-009	Kangaroo	(10/92)	$34.95
TB-009	Photonix II (requires IIgs)	(5/91)	$45.00
AP-003	Apple II Guide Vol 1 (Fall 1990)	(3/91)	$4.00
AP-004	Apple II Guide Vol 2 (Spring 1992)	(6/92)	$4.00
PR-001	GNO/ME (Unix-like multitasking for IIgs)	(7/92)	$89.00

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Dial:	1-800-638-8369
Upon connection, enter:	**HHH**
At the "U#=" prompt, enter:	**XJM11797,CENTRAL** (no spaces) and press RETURN
Need help?	For GEnie customer service (voice) call 1-800-638-9636

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Publications

Our flagship publication is the 8-page monthly newsletter ***A2-Central.*** It's designed to be an international information clearinghouse for Apple II users of every persuasion.

A newsletter/disk subscription to ***A2-Central*** is also available. You get both the paper newsletter and a 3.5 inch disk each month that's filled with useful goodies provided by our subscribers and guests.

We publish three additional 3.5-disk-based publications. ***TimeOut-Central,*** for AppleWorks and TimeOut users; ***Studio City*** for HyperStudio users; and ***Script-Central,*** for HyperCard IIgs users.

Back Issues

Back issues of all our publications are available singly or in sets. Back issue sets are listed elsewhere in this catalog with each publication. Single back issues of any of our disk publications cost $10 each. ***A2-Central*** on paper back issues are $2 each. Or you can get a full text of all ***A2-Central*** back issues for just $49. Please specify whether you want paper back issues or text files on 3.5 disks.

Introductory Offer

Resource Central Disk Sampler

Sample disks of *A2-Central* on disk, *TimeOut-Central*, *Script-Central*, and *Studio City*.

RC-SAMP	**Resource Central Disk Sampler**	$12.00

IIe/IIc Programming

8/16-Central

8/16-Central , our publication for Apple II programmers, was published monthly from March 1990 to October 1991.

ES-FS	All back issues (20 disks at $3.95 each)		$79.00

Technical references

DA-041	Apple: Classic Apple Technical Notes	(10/92)	$20.00

Apple II-Plus

QS-002	Sather: Understanding the Apple II	(8/92)	$14.95

Apple IIe

QS-003	Sather: Understanding the Apple IIe	(8/92)	$14.95
AW-003	Apple IIe Tech Ref		$24.95

Apple IIc

DA-007	Apple: Apple IIc Tech Ref 2nd Ed (1989)	APDA	$30.00
DA-008	Apple: Apple IIc Memory Card Reference	APDA	$15.00
HS-005	SAMS Computerfacts: IIc	(8/88)	$39.95

Other hardware

HS-003	SAMS Computerfacts: Disk II	(8/88)	$24.95
DA-043	Apple: Miscellaneous Technical Notes	(10/92)	$10.00
DA-009	Apple: Apple Memory Card (Slinky) Ref	APDA	$15.00
DA-010	Apple: Apple SCSI Card Reference	APDA	$15.00
DA-011	Apple: Video Overlay Card Developers Kit	APDA	$19.00
DA-012	Apple: Apple II AppleShare Prog Guide	APDA	$30.00

Applesoft

Books

AW-010	Apple: Applesoft Tutorial (w/disk)		$29.95
AW-021	Apple: Applesoft Programmer's Reference		$22.95
AW-040	Critchfield/Dwyer: Bit of Applesoft	(9/90)	$9.95
AW-039	Myers: Graphics for the Apple II	(9/90)	$9.95
CB-009	Compute!'s Second Book of Apple	(3/92)	$14.95

Tools

MD-001	MD-Basic	(5/90)	$79.95
MD-004	ModemWorks v3.0 / OMM	(11/91)	$79.95
BB-002	Beagle Compiler (Applesoft compiler)	(1/90)	$59.00
BB-003	Program Writer (Applesoft program editor)	(1/90)	$37.50
KS-001	Microdot (Basic.system replacement)	(9/91)	$29.95
IS-002	Basic Help (Online Reference & Help)	(7/91)	$29.95
DA-001	Apple: Apple Filecard Toolkit	APDA	$19.00

Pascal

DA-024	Apple: Apple II Pascal v1.3	APDA	$69.00
DA-032	Pascal LabPak (10 3.5 disks, no docs)	APDA	$69.00
AW-037	Seiter/Weiss: Pascal for Basic Prgmrs	(9/90)	$12.95
DA-044	Apple: Pascal Technical Notes	(10/92)	$4.00
DA-003	Apple: Apple II Pascal Desktop Toolkit	APDA	$30.00
DA-001	Apple: Apple Filecard Toolkit	APDA	$19.00

Other languages

MS-002	Micol Advanced BASIC for IIe/IIc	(1/90)	$89.00
DA-004	Apple: Apple II SuperPILOT	APDA	$69.00

6502 assembly language

RW-001	Wagner: Assembly Lines: The Book	(6/88)	$19.95
DS-004	disk for this book		$15.95
AW-012	Finley: Asm Lang for Applesoft Prgmmrs	(8/88)	$18.95
CB-010	Mansfield: Apple Machine Lang Beginners	(3/92)	$18.95
DA-001	Apple: Apple Filecard Toolkit	APDA	$19.00
DA-025	Apple: Desktop Toolkit	APDA	$30.00
PD-001	ProDev 6502 Debugger for IIe	(3/91)	$189.00

DOS 3.3

QS-004	Beneath Apple DOS		$12.95
DA-022	Apple: DOS 3.3 User's Manual	APDA	$20.00
DA-023	Apple: DOS 3.3 Programmer's Manual	APDA	$20.00
AW-038	Wintermeyer: Applesoft Toolbox	(9/90)	$9.95

ProDOS 8

QS-001	Beneath Apple ProDOS		$12.95
QS-005	Supplement for ProDOS 1.2 & 1.3		$9.95
TB-006	Doms/Weishaar: ProDOS Inside and Out	(6/88)	$16.95
DS-002	disk for this book		$10.00
AW-024	Apple: BASIC Prog with ProDOS (w/disk)		$29.95
AW-023	Apple: ProDOS 8 Tech Ref (w/disk)		$29.95
DA-040	Apple: File Type Technical Notes	(10/92)	$25.00
DA-021	Apple: Apple SCSI Card Utilities	APDA	$30.00

IIgs Programming

8/16-Central

ES-FS	All back issues (20 disks at $3.95 each)		$79.00

Technical manuals

GS/OS

AW-026	Little: Exploring GS/OS and ProDOS 8	(1/89)	$21.95
DS-006	disk for this book (3.5)		$15.00
AW-041	Apple: Apple IIgs GS/OS Reference		$28.95
DA-027	Apple: GS/OS Device Driver Reference	APDA	$29.00
BW-012	ByteWorks: Prgmrs Sys 6 Ref		$45.00

Technical references

DA-042	Apple: Apple IIgs Technical Notes	(10/92)	$30.00
DA-046	Apple: Complete Set of Apple Tech. Notes	(10/92)	$65.00
AW-017	Little: Exploring the Apple IIgs	(6/88)	$22.95
DS-007	disk for this book (3.5)		$20.00
AW-018	Apple: Technical Intro to the Apple IIgs		$9.95
AW-011	Apple: Programmer's Intro to IIgs (w/disk)		$32.95
AW-022	Apple: Apple IIgs Firmware Reference		$24.95
DA-026	Apple: Apple IIgs Firmware Ref 3.0 Update	APDA	$12.00
AW-002	Apple: Apple IIgs Hardware Reference		$26.95
AW-001	Apple: Apple Numerics Reference		$29.95
AW-014	Apple: Human Interface Guidelines		$14.95

Toolbox manuals

CB-005	Gookin/Davis: Mastering the IIgs Toolbox	(8/88)	$19.95
CB-007	Gookin/Davis: Adv Prog Tech IIgs Toolbox	(9/88)	$19.95
AW-019	Apple: Apple IIgs Toolbox Reference, Vol 1		$26.95
AW-006	Apple: Apple IIgs Toolbox Reference, Vol 2		$26.95
AW-036	Apple: Apple IIgs Toolbox Reference, Vol 3		$39.95
BW-012	ByteWorks: Prgmrs Ref for Sys 6		$45.00

High-level language tools

HyperTalk (see Multimedia)

Pascal

BW-011	Toolbox Programming w/ Pascal	(7/92)	$75.00
BW-001	ORCA/Pascal	(11/90)	$90.00
BW-002	Byte Works Pascal Tutorial	(11/90)	$50.00
DA-018	Apple: MPW IIgs Pascal V 1.0.1	APDA	$175.00

C

BW-003	ORCA/C	(11/90)	$90.00
BW-004	Byte Works Learn to Program in C Tutorial	(11/90)	$50.00
DA-017	Apple: MPW IIgs C V 1.0.1	APDA	$150.00

BASIC

MS-001	Micol Advanced BASIC for the IIgs v4.0	(6/92)	$99.00

Assembly language tools

CB-002	Wagner: IIgs Machine Lang for Beginners	(8/88)	$19.95
DS-005	disk for this book (3.5)		$15.95

Assemblers & Disassemblers

RW-002	Merlin 8/16 (DOS 3.3, ProDOS 8, GS/OS)	(1/90)	$99.00
BW-005	ORCA/M Assembler v2.0	(11/90)	$90.00
BW-008	Merlin to Orca Source Converter	(11/90)	$18.00
BW-007	ORCA Disassembler	(11/90)	$30.00

Debuggers

BW-010	ORCA Debugger	(7/92)	$39.95
DA-015	Apple: GS Bug and Other Debugging Tools	APDA	$30.00
PD-002	ProDev 65816 Debugger for IIgs	(3/91)	$189.00

Universal development tools

BW-009	Talking Tools (text to speech pkg)	(9/91)	$49.95
DA-020	Apple: Apple IIgs Source Code Sampler	APDA	$20.00
SS-007	Genesys (Resource Creator/Editor)	(6/90)	$90.00
BW-006	Design Master (GS/OS Resource Creator)	(11/90)	$57.00
SS-009	Edit-16 APW/ORCA/Merlin editor	(3/91)	$49.95
AW-033	Prog Online Companion for the IIgs	(1/90)	$37.50

MPW Cross-Development Suite

DA-019	Apple: MPW IIgs Tools v1.3	APDA	$50.00
DA-016	Apple: MPW IIgs Assembler v1.2	APDA	$100.00
DA-017	Apple: MPW IIgs C v1.0.2	APDA	$150.00
DA-018	Apple: MPW IIgs Pascal v1.1	APDA	$175.00

Binders

RC-108	3-Ring Binder	$17.95

Resource Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your publication.

March 1993

The A2-Central Summer Conference

Our 5th Annual Kansasfest

Apple II's Sweet Sixteen

Last year's conference was such a rousing success that it made sense to continue the celebration this year with a Sweet Sixteen party. In the past, attendees have raved over the sessions but were equally (or even more) enthused over the prospect of staying up all night in the dormitory, partying and hacking around with their online buddies and/or Apple II hotshots.

More details will follow next month, but right now we can tell you that KansasFest will take place on Thursday and Friday, July 22-23. In an attempt to simplify our lives, we are returning to our original two-day format. Sessions should run the gamut from general information to high tech programming stuff.

Call us to make advance reservations. Mark your calendars now and **get ready to celebrate!**

Request for Proposals

If you'd like to make a presentation at this year's conference, send us a proposal by May 1. Send an outline of your topic, intended audience, and equipment and other requirements. Presenters earn a discount! Sessions should be geared for a one hour time frame.

New Apple II Goodies

IIgs MultiFinders

The Apple IIgs world has been blessed already in 1993 with the introduction of two different programs that allow switching between GS/OS applications. The programs are ***The Manager*** from Seven Hills Software and ***Switch-It!*** from Procyon Enterprises.

We hope to have a complete comparison of the two programs in an upcoming issue of ***A2-Central,*** but meanwhile we knew many of you would like the chance to look at one or the other (or both).

Both extensions to GS/OS allow you to run an application program, switch back to the *Finder* without quitting, run another application program, switch back to the *Finder* without quitting, run another program, and so on, until you run out of memory. You can switch between the applications you've run whenever you like. Each application is left where it was when you last switched out of it, or beyond — ***The Manager*** claims to be able to run some applications in the background while another is active in the foreground.

Both programs say they are fully compatible with *AppleWorks GS, GraphicWriter III, Platinum Paint,* and more. ***The Manager*** also specifically claims compatibility with *Teach, Express, Kangaroo,* and *TransProg III,* while ***Switch-It!*** specifically claims compatibility with *DreamGrafix, Medley, HyperCard,* and *HyperStudio.*

We have ***Switch-It*** in stock now and expect to have ***The Manager*** by the time this catalog reaches you.

SH-010 The Manager (Introductory Price!) $49.95
SQ-008 Switch-It! $59.95

Foundation

GS/OS files, like Macintosh files, can have both data and resource forks. The resource fork holds information used by programs and the operating system. Normally you can't see or modify what's in the resource fork of a file.

Foundation is a **"resource editor"** modeled after Apple's *ResEdit* for the Macintosh. With it you can examine, modify, and create resources. Programmers can use *Foundation* to learn how others are using resources and to speed development of their programs. The rest of us can use *Foundation* to tweak programs that use resources so they're more to our liking.

LP-001 Foundation $59.95

Six Pack

Add features to System 6 with Bill Tudor's package of Finder extensions and desk accessories. Features include: *MoreInfo* - displays and let's you change file type and aux type, access permissions, and more. *AlarmClock* - the most compatible menu bar clock. *SuperDataPath* - remembers a default data directory for each application. *HotKeys* - put your numeric keypad to work. *FilePeeker* - preview graphics, text, and sound files. *WorkSet* - like the Mac's alias feature, puts one file in multiple places; but better, because it can link a group of files to one icon. Plus *PrintCatalog - Encrypt - FileCompare* and more!

QC-001 Six Pack $29.95

Toolbox Programming in C Tutorial

The Byte Works' latest release in its Learn to Program series takes you beyond language skills into the world of Apple IIgs toolbox programming. ***Toolbox Programming in C*** teaches by example. The emphasis is on designing and writing real programs and building your own set of tools. Comes with over 400 pages of personal instruction and four disks of sample source code. The entire Learn to Program series includes:

BW-003 ORCA C Compiler for IIgs $90.00
BW-004 Learn to Program in C $50.00
BW-013 Toolbox Programming in C $75.00

BW-001 ORCA Pascal Compiler for IIgs $90.00
BW-002 Learn to Program in Pascal $50.00
BW-011 Toolbox Programming in Pascal $75.00

A2-Central Vol 8

All of our paper issues from February 1992 through January 1993, bound into a book with our four-page index on the covers. Great info like Apple's Tim Swihart and Andy Nicolas writing on System 6 and the *Finder;* Bo Monroe on graphics; Dennis Doms on AppleShare, music, and fast modems, plus lots more!

A2V8 A2-Central Volume 8 $14.95

New Books

Money Machine II

Don Lancaster's book, ***The Incredible Secret Money Machine,*** was the jumping off point for many small businesses, including this one. Just released in a second edition, this is the book you need if you've ever considered starting your own small scale computer, technical, or craft business.

Lots of solid advice here, much of it contrary to accepted wisdom. You'll learn key secrets to successfully starting and running your own business, such as the Steam Calliope Fund, Kernatski's Rule, the Black Widow Effect, The Doing Dogger concept, those deadly j-Dollars, the dangers of two crossed Granfallons, the MFQD Extractor, all the Honchee guidelines, the CAP factor, information (and emotional) sinks, and the DOT technique.

SP-002 Incredible Money Machine II $18.95

Looking Good in Print

Whether you're creating a simple ad or a sophisticated newsletter, the new 2nd Edition of Roger Parker's ***Looking Good in Print: A Guide to Basic Design for Desktop Publishing*** is for you. The standard reference for desktop publishing design, this best-selling guide introduces you to the basic ingredients of attractive page layouts, including effective typography, using illustrations to communicate your message, enhancing documents with boxes, screens, and rules, and avoiding the 25 most common design pitfalls — which can save you hours of problem solving and days of regrets.

Featuring more than 400 illustrations, ***Looking Good in Print*** lets you realize the full potential of desktop publishing, no matter what computer or software you use.

VP-001 Parker: Looking Good in Print $23.95

MS-DOS

Voodoo DOS, by Kay Yarborough Nelson, cuts through the morass of DOS commands with tips, shortcuts, and tricks that get to the heart of being productive on a PC. ***Voodoo DOS*** also reveals common DOS traps, blind alleys, and pitfalls and clues you in on how to avoid them.

DOS: The Complete Reference, 4th Edition, by Kris Jamsa, is Osborn McGraw-Hill's runaway bestseller. Each chapter begins with a discussion of specific applications followed by a list of related commands. Extends from an overview of DOS to programming and disk management techniques. You'll explore the newest features in MS-DOS 5.0 and find out how to make them work productively for you.

Jamsa's 1001 DOS & PC Tips, also by internationally-known computer guru Kris Jamsa, is bursting at the seams with secrets, tips, and powerful techniques you can instantly use to get more from your computer. Learn how to fine-tune your PC for maximum performance, save conventional memory, find duplicate files, load device drivers from the DOS prompt without rebooting, and much more. The book includes a companion disk containing the powerful batch files, DEBUG script files, and utilities used for each tip.

VP-002 Nelson: Voodoo DOS $19.95
MH-011 Jamsa: DOS Complete Reference $29.95
MH-012 Jamsa: 1001 DOS Tips w/disk $39.95

Windows

Kay Yarborough Nelson's ***Voodoo Windows*** conjures up a compendium of savvy tips, tricks, and shortcuts to help you get the most from Windows and save time. You'll find a wealth of secrets and advice, from tips for starting, switching, and exiting Windows, to secrets of the *Program Manager* (including demystifying PIFs), to *File Manager* magic. Also covers printing, Windows accessories and system files, and more.

Tom Sheldon's ***Windows 3.1: The Complete Reference, 2nd Edition*** is tightly packed with information on every aspect of Windows including the use of Windows for pen computing. Also includes a chapter on small networks. Sheldon keeps things clear, precise, and practical so you can put your research to work.

Kris Jamsa's ***Jamsa's 1001 Windows Tips*** is the book you'll turn to again and again for an expert's perspective on everything from customizing the Windows environment to multi-tasking with applications, accessories, and utilities. This book covers both Windows 3.0 and 3.1. Jamsa shares his inside knowledge of potential problems and undocumented bugs. These tips could save you hours of frustration. You'll save even more with the utilities, programs, and tips included on the companion disk.

VP-003 Nelson: Voodoo Windows $19.95
MH-013 Sheldon: Windows 3.1 Comp Ref $29.95
MH-014 Jamsa: 1001 Windows Tips w/disk $39.95

Windows NT

The upcoming Windows NT operating system from Microsoft should provide unparalleled speed, connectivity and portability for all users of 386 and 486 computers. With all the powerful capabilities of this sophisticated, high-end, multi-tasking system, there's a tremendous need for some good books.

In ***Windows NT Inside & Out,*** Tom Sheldon takes the basics one step at a time before moving on to more advanced techniques. Includes software installation and network usage.

Allen Wyatt's ***Windows NT: The Complete Reference*** covers the full range of Windows NT commands, functions, and features. Covers issues from software installation and basic commands to advanced features such as multi-tasking, networking, and security issues.

MH-015 Sheldon: Windows NT Inside Out $27.95
MH-016 Wyatt: Windows NT Complete Ref $29.95

OS/2

OS/2 Inside and Out by Kathy Ivens and Brian Profitt, provides the information you need to take full advantage of the productivity and power of OS/2. This guide was written for users who are comfortable with DOS as well as computer novices. If you're already using OS/2, you'll find the tips and tricks you need to shift into high gear. Clear operating instructions and real-world examples help you assimilate the material.

MH-017 Ivens/Profitt: OS/2 Inside & Out $27.95

Excel for Windows

Excel for Windows: The Complete Reference, by Martin Matthews and Stephanie Seymour, is a comprehensive desktop reference that will answer all your *Excel* questions, no matter what level of expertise you have with the software. Every *Excel* concept, command, feature, and function is thoroughly described in alphabetical order so you can quickly pinpoint the information you need. Short business applications accompany each entry so you can see first hand how to apply the material. Also delivers the details on macros, tools, analysis and linking features, and more.

MH-018 Matthews/Seymour: Excel Ref $29.95

FoxPro v2.5

FoxPro for DOS 2.5: The Complete Reference, by Edward Jones and David Nesbitt, gives you an insider's understanding of programming in *FoxPro* and of using *FoxPro* on a network. Covers all the features and commands of *FoxPro,* including Relational Query By Example (RQBE), SQL access, Fox Report, and the Expression Builder. You'll also learn about *FoxPro's* integrated development tools, including Screen Painter, Menu Builder, and Project Manager.

MH-019 Jones/Nesbitt: FoxPro 2.5 $29.95

Lotus 1-2-3 v3.4

1-2-3 Release 3.4: The Complete Reference, by Mary Campbell, has just been updated and revised to cover the newest version of the best selling spreadsheet from Lotus. Every *1-2-3* feature, command, and function is fully described so you can quickly find the information you need. Ideal for users at every skill level, this reference covers all the new features of Release 3.4, as well as earlier *1-2-3* versions, including Releases 3.0 and 3.1

MH-020 Campbell: 1-2-3 Release 3.4 $29.95

Paradox 4

Paradox 4: The Complete Reference, by Carole Boggs Matthews and Patricia Shepard, is the most complete resource available on Borland's widely used relational database for the PC and compatibles. All *Paradox* commands, functions, and features are described clearly. From installing and creating a database to using enhanced PAL and Script features and linking files, this reference will answer all your questions.

MH-021 Matthews/Shepard: Paradox 4 $29.95

WordPerfect v5.1

WordPerfect 5.1: The Complete Reference, by Karen L. Acerson, is an award-winning *WordPerfect* reference. This new third edition covers the latest version of *WordPerfect.* Acerson is a long-time member of the original *WordPerfect* staff and is a veteran *WordPerfect* trainer. This *WordPerfect* bible covers all the newest *WordPerfect* keystrokes, features, messages, and menu items, as well as as *WordPerfect* capabilities such as desktop publishing, integrating *WordPerfect* with other software, and much more.

MH-022 Acerson: WordPerfect 5.1 $29.95

Fishhead's Children

Screwdriver / Chip Clip Special

Limited Quantity Offer — Only While Supplies Last!

In January we started a new newsletter, ***Fishhead's Children.*** It's designed to build bridges from the Apple II to other kinds of computers. In today's computer world, many of us are faced with having to to sit down and be productive on a variety of machines. On Mondays maybe it's Macintoshes, on Wednesdays maybe it's Windows, on Fridays maybe it's UNIX workstations and terminals.

Fishhead's Children is a monthly education for people who want to know more about the computer they're not already an expert on. It talks about Macs in terms IBM-types can understand; about MS-DOS, Windows, and OS/2 in terms Mac folks can understand; and about Apple IIs and UNIX in terms anybody can understand.

But why "Fishhead's Children"?

In the early years of the last decade, way back when Steve Jobs was still head evangelist for the Apple II, a couple of Apple's programmers were working on a program that the company wanted to ship in the box with its computers. It was a program for managing files — copying them, deleting them, renaming them. What was original and amazing about this program was that users didn't have to type in file names to use it. The program listed the names of files on the screen and users selected which files to act on.

The programmers named the program FISHHEAD. During testing, someone from Apple's marketing department insisted that FISHHEAD wasn't acceptable. So the programmers put their heads together and changed the name to FID. (Now you remember?)

Before FID was released, a fellow from marketing paid the programmers a visit. He wanted to know what "FID" stood for. "FIle Developer," they said. The fellow from marketing liked that, told them "nice job," and left. But after the door closed behind him, the programmers slapped hands and gloated, "Fishhead In Disguise!"

Who should subscribe

Fishhead's Children is a newsletter about the programs that come in the box with today's computers. So let me warn you up front. If you only use one kind of computer and you've read the manuals and you understood them, you don't need ***Fishhead's Children.***

But if you use an Apple II at home and Windows at work, or if your kid uses a Macintosh at school but your office came equipped with a UNIX terminal, or if you're an MS-DOS wizard but the gal in the next cubicle is using OS/2, then you'll want to read ***Fishhead's Children.***

Or if you scanned the OS/2 manuals and found them thin, or the MS-DOS manuals and found them thick...if you studied the manuals for Macintosh System 6 (or 5) but now you use System 7...if your UNIX training was high viscosity...if you think Window's a pane...think about getting ***Fishhead's Children***.

Every other computer publication assumes that you'll spend your entire life using just one computer. And maybe you will. But if you're like the people I know, **you have to use more kinds of computers than you've read the manuals for.** That's why you should subscribe to ***Fishhead's Children***.

You'll Save Time and Money

Most people spend half-an-hour to an hour with our newsletters each month and in that time they read every word we print. You can't even turn all the pages in most computer manuals or magazines in that amount of time, much less absorb much of anything. What you read in our newsletter will be immediately useful. It will give you tips and techniques for solving the problems you're having today and tomorrow. If what you want is slick pictures of big buck equipment you can't afford, I'm out of here. If what you want is solutions to the problems you've having today, invite me in.

Automatic Renewal Program

Unlike our other publications, ***Fishhead's Children*** doesn't have multi-year subscription rates. But it does have auto renewals. Pay for your first year with your Visa or Mastercard and ask to be in our automatic renewal program. You pay just $39 a year. A few days before we send the last issue of your initial subscription, we'll renew your subscription for you. *You'll have no renewal junk mail, no need to buy stamps or make phone calls, no double payments, no missed issues, you'll pay just one year at a time, and you'll get our best subscription rate.*

Cancel At Any Time

Whether you take us up on our auto-renewal program or not, if you sell all your computers and buy the Brooklyn Bridge and bungee jumping equipment, you'll probably want to cancel your subscription to ***Fishhead's Children,*** too. We send refunds on outstanding issues of our publications immediately, no questions asked. And if you're not happy with ***Fishhead's Children,*** we'll send your entire subscription payment back. Let us take the risk.

Free Airmail Delivery Worldwide

Fishhead's Children will be published monthly on the same paper we use for ***A2-Central.*** This means we can send it airmail all over the world for the basic subscription rate. It also means it takes up less shelf space than any other computer publication.

While Quantities Last!

Here's something to get you off your duff. If you call us, fax us, or otherwise get your order form to us before we run out, and *if you ask for one with your order* we'll send you, ***absolutely free,*** your choice of a fantastic Resource Central Screwdriver or a terrific Resource Central Chip Clip. These goodies are left over from last year's summer conference, so we only have about 90 of each. The screwdriver has a flat blade on one end and a Phillips head on the other. It's suitable for taking apart any kind of computer or other unplugged electronic appliance. The chip clip is great for tying back your hair, organizing your 5.25 disks, filing your taxes, or even holding bags of edible snacks shut (not for use with silicon chips!) So call or write today. We don't have ***Fishhead's Children*** in the subscription area of our origami order form yet, so it's a write-in candidate:

FH-1	**Fishhead's Children (12 issues, std renewal)**	**$49**
FH-AUTO	**Fishhead's Children (12 issues, auto renewal)**	**$39**

(Auto renewal requires that you pay by credit card)

Tax Time

The Tax Man Cometh

Nobody looks forward to doing their taxes, but this year you can use your Apple II to make the job easier and more fun. Choose between a terrific set of AppleWorks templates or a professional tax program:

Load ***1040Works*** files on the AppleWorks desktop, fill in the blanks, and watch ***1040Works*** do its magic. ***1040Works*** prepares and prints the following tax schedules and forms: 1040, A, B, C, D, E, F, R, SE, 2106, 2119, 2210, 2441, 3903, 4562, 6251, 8283, 8582, 8582-CR, 8606, 8615, 8814, 8829.

1040Works-X requires 256K of memory and AppleWorks 2.0 or later, but is easier to use because it produces all 23 tax forms with fewer templates.

The ***1040Works Tax Planner*** is a set of classic AppleWorks templates that will help you estimate your tax liability for future years, making it easier to find ways to reduce your taxes.

The ***Howardsoft Tax Preparer*** is professional tax planning and return preparation software. It runs on anything from a 64K Apple II-Plus to an Apple IIgs, and takes advantage of additional memory and 80-column screens when available. It not only performs the arithmetic, but also knows the tax laws well enough to complete forms based on raw data. You can enter data throughout the year and generate model returns for future years that result in more accurate tax planning than is possible with most tax-planning software.

Tax Preparer brings to the consumer the tax expertise that the professional demands and it brings to the professional the ease-of-use that the consumer demands. The tax novice will appreciate its built-in protections against illogical entries and its automatic computation of overlooked credits. The tax professional will appreciate the thoroughness of its automation, from data entry through printing, and the depth of its tax support.

Annual updates are available directly from HowardSoft.

NA-003	**1040 Works 5.25 disks**	**$34.95**
NA-004	**1040 Works 3.5 disks**	**$34.95**
NA-005	**1040 Works-X 5.25 disks**	**$34.95**
NA-006	**1040 Works-X 3.5 disks**	**$34.95**
NA-007	**1040Works Tax Planner 5.25 disks**	**$27.95**
NA-008	**1040Works Tax Planner 3.5 disks**	**$27.95**
HS-001	**Howardsoft Tax Preparer**	**$199.00**

Ordering Information

Call us! Voice:913-469-6502 Fax:913-469-6507

Ordering Information

If you received this catalog in the envelope with one of our publications, there was also a one-sheet self-mailer in the envelope. Your name, address, expiration date, and customer ID number are already imprinted on one side of the self-mailer—on the other side you'll find an order form. Please don't send us a photocopy of the form unless you **photocopy both sides.**

If you received this catalog without a self-mailer, write your order on a plain sheet of paper and send it to:

Resource Central, Inc.
P.O. Box 11250
Overland Park, KS 66207

913-469-6502 fax: 913-469-6507

Publications

Our flagship publication is the 8-page monthly newsletter ***A2-Central.*** It's designed to be an international information clearinghouse for Apple II users of every persuasion.

A newsletter/disk subscription to ***A2-Central*** is also available. You get both the paper newsletter and a 3.5 inch disk each month that's filled with useful goodies provided by our subscribers and guests.

We publish three additional 3.5-disk-based publications. ***TimeOut-Central,*** for AppleWorks and TimeOut users; ***Studio City*** for HyperStudio users; and ***Script-Central,*** for HyperCard IIgs users.

Back Issues

Back issues of all our publications are available singly or in sets. Back issue sets are listed elsewhere in this catalog with each publication. Single back issues of any of our disk publications cost $10 each. ***A2-Central*** on paper back issues are $2 each. Or you can get a full text of all ***A2-Central*** back issues for just $49. Please specify whether you want paper back issues or text files on 3.5 disks.

Introductory Offer

Resource Central Disk Sampler

Sample disks of *A2-Central* on disk, *TimeOut-Central, Script-Central,* and *Studio City.*

RC-SAMP Resource Central Disk Sampler $12.00

Let's Network Special

Share files and printers! Special offer ends April 1.

Take advantage of this month's specials to link your Macs, your IIgs computers, your LaserWriters, and your ImageWriters into one unit. Kids, you can even *try this at home!* It works at work, too!

The Apple IIgs, the Macintosh, and the LaserWriter all come with built-in networking hardware. ImageWriter IIs can be added to the same network with the installation of an AppleTalk card.

The only trick is that each device you add to the network requires a special network connector. These consist of a box with two connectors for modular phone wire (included with the connectors) and a pigtail that plugs into the serial port of your computer or printer. The software you need to share files and printers is part of Apple's system software. (File sharing requires at least one Macintosh.)

This month we're having our annual networking sale. Now's your chance to build the network of your dreams. We have the connectors and we have the cards for ImageWriter IIs. You don't need a book to put together a network, but if you'd like to study up, we're putting all our AppleTalk books on sale too! **Sale prices expire April 1,1993.**

		Reg	Sale
OE-001	ModuNet Connectors	19.95	16.95
SQ-006	AppleTalk Card for the ImageWriter II	95.00	79.95
AW-030	Apple: Understanding Computer Networks	9.95	8.95
AW-043	Apple: Planning & Managing AppleTalk Networks	18.95	16.95
AW-035	Apple: Inside AppleTalk	34.95	29.95
DA-012	Apple: Apple II AppleShare Programmers Guide	30.00	24.95

Recent upgrades

Pointless 2.0

Pointless is the GS/OS system extension that smooths jagged characters on your screen and in print through the use of the same TrueType fonts used by Apple and Microsoft on the Macintosh and in Windows.

If you don't have ***Pointless*** yet you've waited long enough! The brand new version 2.0 brings a number of changes that makes the program more valuable than ever!

First of all, the speed has been increased to the point that version 1's spinning cursor could be totally removed! ***Pointless 2.0*** creates individual characters on-the-fly as you type them, which means you no longer have to wait while ***Pointless*** renders a complete character set.

Next, the memory requirements have been decreased. With ***Pointless 2.0*** you can use an essentially unlimited number of fonts and sizes. And you no longer have to configure which characters you want to have available, rather, all characters, including extended and symbol characters, are always at your fingertips.

Finally, ***Pointless 2.0*** has many new features. For example, it recognizes when TrueType fonts are added to or removed from the system's Fonts folder.

WC-002 Pointless 2.0 $49.95

Platinum Paint 2.0

Platinum Paint has been the IIgs paint program of choice for years and now it's available in a brand new version. With *Platinum Paint 2.0* you have all the great features of earlier versions like nine brush modes (smear, slide, charcoal, shade, wash, smooth), gradient fills, regular and Bezier curves, color cycling, six airbrush methods with adjustable spray speed and nozzle size, and user-definable brush shapes.

Plus now you can create documents of any size, you can create and play animations, you can add sounds to a drawing, and you can work in inches as well as pixels. You have multiple fatbits magnifications up to 8x. And there's a full-size undo. There's a new *Kids' Mode.* And now the premier IIgs paint program **even costs less than before!**

BB-007 Platinum Paint $59.95

ProDOS 8 System Disk v4.0.1

Apple has released its update to the **ProDOS 8 System Disk** that corresponds to the GS/OS System 6 release. This new update requires a 128K enhanced Apple IIe, a IIc, or a IIgs and includes both 3.5 and 5.25 disks. (On the back of the 5.25 disk we include the system files you need to run ProDOS on a 64K Apple II-Plus or an unenhanced Apple IIe.)

You get ProDOS 8 v2.0.2, Basic.System 1.5, SysUtil.System v3.1, and FastCopy.System, v1.0.1. SysUtil.System allows you to copy, delete, and rename files and disks. It will also copy files between DOS 3.3, Apple Pascal, and ProDOS disks. FastCopy.System allows copying entire 3.5 or 5.25 disks.

Also on the disks is Clock.Patch, a program that can be run to update ProDOS so it will display the correct year when the current settings expire in 1996.

DA-002 ProDOS 8 System Disk v4.0.1 $14.00

Resource Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your publication.

April 1993

What's Hot

IIGS 4 Meg Card $149.95

The Sequential IIGS RAM card with 4 Megs of memory soldered right on the board is our hottest-selling product. The card is fully compatible with GS/OS, DMA, and all IIGS software. It has a multi-layer circuit board and a cool, low-power design. It comes with diagnostic software. But best of all is the price.

SQ-001 4 Meg IIGS Memory Board $149.95

RAMfast SCSI card

Experience lightening fast hard disk access with CVTech's RAMfast SCSI card. Plugs into any Apple IIe or IIGS to connect any SCSI hard drive, even those made for Macs and PCs.

CV-001 RAMfast SCSI Card v3.0 $189.00

Zip Accelerators

Speed up your Apple with a Zip low-power accelerator. Adding an accelerator to your system speeds up everything you, from older Applesoft programs, to *AppleWorks*, to the latest desktop programs like *HyperStudio* and *HyperCard IIGS*.

ZC-002 Zip 8MHz IIe Accelerator $139.95
ZC-001 Zip 8Mhz/16K IIgs Accelerator $199.95

Pick 'N Pile

In this new Apple IIGS game from Procyon, a multitude of colored balls is falling from the sky. Excellent playability, graphics and sound effects.

PR-002 Pick 'N Pile $29.95

Shanghai II: Dragon's Eye

Like the original *Shanghai*, ***Shanghai II*** is a strategy game based on the ancient oriental game of Mah-Jongg. The object is to remove 144 tiles from a stack of tiles by removing matched pairs. You must think several moves ahead in order to free key tiles that otherwise would be buried in the stack. *Shanghai II* offers 13 stack layouts and 8 sets of tiles. Some tiles erupt, splash, frown, laugh, kick, or otherwise surprise you with action and sound.

Shanghai II also introduces a new option called *The Dragon's Eye*. The goal of the Master is to build a dragon by placing tiles on the board. The goal of the slayer is to tear the dragon down by matching tiles. A perfect family game. Requires an Apple IIGS with 1.25 megs of memory. Hard drive installable.

BR-124 Shanghai II: Dragon's Eye $49.95

Foundation

GS/OS files, like Macintosh files, can have both data and resource forks. The resource fork holds information used by programs and the operating system. Normally you can't see or modify what's in the resource fork of a file.

Foundation is a **"resource editor"** modeled after Apple's *ResEdit* for the Macintosh. With it you can examine, modify, and create resources. Programmers can use *Foundation* to learn how others are using resources and to speed development of their programs. The rest of us can use *Foundation* to tweak programs that use resources so they're more to our liking.

LP-001 Foundation $59.95

AutoArk

You can **double the capacity of your hard drive** with ***AutoArk*** from Econ Technologies! This IIGS System 6 extension *automatically* compresses and expands files an average of 50 per cent, on-the-fly, as you load and save from within GS/OS programs. Files used with ProDOS 8 programs can be compressed and expanded from the Finder. Compressed files can also be encrypted and password protected. Compatible with Econ's *Universe Master.*

ET-002 AutoArk $39.95

IIgs MultiFinders

The Apple IIGS world has been blessed already in 1993 with the introduction of two different programs that allow switching between GS/OS applications. The programs are ***The Manager*** from Seven Hills Software and ***Switch-It!*** from Procyon Enterprises.

Both extensions to GS/OS allow you to run an application program, switch back to the *Finder* without quitting, run another application program, switch back to the *Finder* without quitting, run another program, and so on, until you run out of memory. You can switch between the applications you've run whenever you like. Each application is left where it was when you last switched out of it, or beyond — ***The Manager*** claims to be able to run some applications in the background while another is active in the foreground.

Both programs say they are fully compatible with *AppleWorks GS, GraphicWriter III, Platinum Paint,* and more. ***The Manager*** also specifically claims compatibility with *Teach, Express, Kangaroo,* and *TransProg III,* while ***Switch-It!*** specifically claims compatibility with *DreamGrafix, Medley, HyperCard,* and *HyperStudio.*

SH-010 The Manager (Introductory Price!) $49.95
SQ-008 Switch-It! $59.95

The A2-Central Summer Conference

For a good time, call 913-469-6502

KansasFest will take place on Thursday and Friday, July 22-23. In an attempt to simplify our lives, we are returning to our original two-day format. Sessions should run the gamut from general information to high tech programming stuff.

Call us to make advance reservations. Mark your calendars now and **get ready to celebrate!**

Request for Proposals

If you'd like to make a presentation at this year's conference, send us a proposal by May 1. Send an outline of your topic, intended audience, and equipment and other requirements. Presenters earn a discount! Sessions should be geared for a one hour time frame.

Fishhead's Children

Our new newsletter for people who use more different kinds of computers than they've read the manuals for. MS-DOS, Windows, Macintosh, OS/2 — if you know one, here's the hassle free way to learn the others.

FH-1	Fishhead's Children 12 issues/yr, 8 pages	1 year	$49.00
FH-AUTO	12 issues/yr, automatic renewal each year		$39.00
	Auto renewal requires that you pay by credit card.		

Fid Kid Books

Introduction to Computing

PH-011	Intro to Personal Comp., 3rd Ed.	**NEW!**	$19.95
PH-010	Computer User's Dictionary	**NEW!**	$12.95
PH-009	Que:1993 Computer Buyer's Guide	**NEW!**	$16.95
PH-012	Miller: What to do when things go wrong	**NEW!**	$16.95

General Computing

PH-002	Seymour's PC Productivity Bible	**NEW!**	$24.95
PH-003	Seymour's On The Road	**NEW!**	$26.95

Computer Systems

PC

PH-006	Rosch: PC Hardware Bible	**NEW!**	$34.95
PH-005	Rosch: PC Upgrade Bible	**NEW!**	$26.95
PH-008	Upgrad. & Repairing PC's, 2nd Ed	**NEW!**	$34.95

Mac

PH-004	Mac Repairs and Upgrades (IIx, fx, cx, ci, si)	**NEW!**	$39.95

Operating Systems

MS-DOS

VP-002	Nelson: Voodoo DOS	(3/93)	$19.95
MH-011	Jamsa: DOS Complete Reference	(3/93)	$29.95
MH-012	Jamsa: 1001 DOS Tips w/disk	(3/93)	$39.95

Windows

VP-003	Nelson: Voodoo Windows	(3/93)	$19.95
MH-013	Sheldon: Windows 3.1 Comp Ref	(3/93)	$29.95
MH-014	Jamsa: 1001 Windows Tips w/disk	(3/93)	$39.95

Windows NT

MH-015	Sheldon: Windows NT Inside Out	(3/93)	$27.95
MH-016	Wyatt: Windows NT Complete Ref	(3/93)	$29.95

OS/2

MH-017	Ivens/Profitt: OS/2 Inside & Out	(3/93)	$27.95

Applications

Excel for Windows

MH-018	Matthews/Seymour: Excel Ref	(3/93)	$29.95

FoxPro v2.5

MH-019	Jones/Nesbitt: FoxPro 2.5	(3/93)	$29.95

Lotus 1-2-3 v3.4

MH-020	Campbell: 1-2-3 Release 3.4	(3/93)	$29.95

Paradox 4

MH-021	Matthews/Shepard: Paradox 4	(3/93)	$29.95

WordPerfect v5.1

MH-022	Acerson: WordPerfect 5.1	(3/93)	$29.95

A2-Central

A2-Central

An international clearinghouse of information for users of all types of Apple IIs. Winner of Best Apple II Publication award in both 1990 and 1991.

A2-1	A2-Central 12 issues/yr, 8 pages	1 year	$34.00
A2-2		2 years	$60.00
A2-3		3 years	$84.00
A2-FS	Full set of printed back issues		$49.00
A2-FSD	Full text of paper back issues on 3.5 disks		$49.00
A2V1	Volume 1January 1985 – Jan 1986		$9.95
A2V2	Volume 2 February 1986 – Jan 1987		$9.95
A2V3	Volume 3 February 1987 – Jan 1988		$9.95
A2V4	Volume 4 February 1988 – Jan 1989		$9.95
A2V5	Volume 5 February 1989 – Jan 1990		$9.95
A2V6	Volume 6 February 1990 – Jan 1991		$14.95
A2V7	Volume 7 February 1991 – Jan 1992		$14.95
A2V8	Volume 8 February 1992 – Jan 1993		$14.95

A2-Central on disk

Our award-winning newsletter plus a monthly disk filled with the best stuff we find online and in our mailbox. 12 issues per year, newsletter & 3.5 disk.

AD-1		1 year	$90.00
AD-2		2 years	$168.00
AD-3		3 years	$240.00
AD.Sam	A2-Central-on-Disk sample issue		$3.00

Annual Sets

AD-FS89	Feb 89 to Jan 90	$60.00
AD-FS90	Feb 90 to Jan 91	$60.00
AD-FS91	Feb 91 to Jan 92	$60.00
AD-FS92	Feb 92 to Jan 93	$60.00

Quarterly Sets

	Feb/Mar/Apr	May/Jun/Jul	Aug/Sep/Oct	Nov/Dec/Jan	
1989	AD-QS89.1	AD-QS89.2	AD-QS89.3	AD-QS89.4	$18.00
1990	AD-QS90.1	AD-QS90.2	AD-QS90.3	AD-QS90.4	$18.00
1991	AD-QS91.1	AD-QS91.2	AD-QS91.3	AD-QS91.4	$18.00
1992	AD-QS92.1	AD-QS92.2	AD-QS92.3	AD-QS92.4	$18.00
1993	AD-QS93.1				

SUBSCRIPTION CONVERSIONS: Figure out how many disks you'll get between the first one you want and the month your subscription expires and send us $4.75 per disk. **NEW SUBSCRIPTIONS:** By subscription, our disks cost for less than what most user groups charge for public domain 3.5 disks, just 4.67 per disk (($90 - $34) / 12).

Telecommunications

Books

PH-013	Banks:The Modem Reference, 3rd Ed	**NEW!**	$29.95

Modems

SM-001	Supra 2400 baud modem (110 volts)	(1/90)	$99.95
SM-003	Supra 2400 baud modem V.MNP5	(7/92)	$149.95
SM-004	Supra 9600 baud modem V.32	(7/92)	$279.95
SM-005	Supra 14400 baud modem V.32bis	(7/92)	$349.95

Software

IS-003	ProTERM	(6/92)	$85.00
CS-001	Talk Is Cheap	(3/90)	$40.00
MD-003	ProLine Bulletin Board System V 2.0	(11/91)	$199.95
MD-004	ModemWorks v3.0	(11/91)	$79.95
KG-001	Co-Pilot (GEnie interface for IIgs)	(1/91)	$25.00
TH-001	GEnie Master 4.0		$5.00
	(requires AWorks 3.0 & TIC, Point-to-Point, or ProTerm)		

Modem Cables

RC-001	6' cable for IIgs/IIc-Plus	(1/90)	$15.00
RC-002	6' cable for older IIc	(1/90)	$15.00
RC-003	6' cable for serial cards	(1/90)	$15.00

Multimedia

Studio City

The latest tips and news for creators of HyperStudio stacks. Tutorials, examples, clip art & sounds, and more. 6 issues/yr, 3.5 disk only.

SC-1	Studio City (formerly Stack-Central)	1 year	$48.00
SC-2		2 years	$87.00
SC-3		3 years	$123.00
SC.Sam	Studio City Sampler Disk		$3.00
SC-FS90	Annual disk set (Feb 90 to Dec 90)		$36.00
SC-FS91	Annual disk set (Feb 91 to Dec 91)		$36.00
SC-FS92	Annual disk set (Feb 92 to Dec 92)		$36.00
SC-SS90.1	Semiannual disk set (Feb/Apr/Jun 90)		$20.00
SC-SS90.2	Semiannual disk set (Aug/Oct/Dec 90)		$20.00
SC-SS91.1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
SC-SS91.2	Semiannual disk set (Aug/Oct/Dec 91)		$20.00
SC-SS92.1	Semiannual disk set (Feb/Apr/Jun 92)		$20.00
SC-SS92.2	Semiannual disk set (Aug/Oct/Dec 92)		$20.00

Script-Central

All about Apple's HyperCard IIgs and HyperTalk, its scripting language. Your letters, our XCMDs, Tools, Buttons – awesome!

HC-1	Script-Central 6 issues/yr, 3.5 disk only	1 year	$48.00
HC-2		2 years	$87.00
HC-3		3 years	$123.00
HC.Sam	Script-Central Sampler Disk		$3.00
HC-FS91	Annual disk set (July 91 to May 92)		$36.00
HC-SS91.1	Semiannual disk set (July/Sep/Nov 91)		$20.00
HC-SS91.2	Semiannual disk set (Jan/Mar/May 92)		$20.00
HC-SS92.1	Semiannual disk set (July/Sep/Nov 92)		$20.00

HyperBole

A multimedia artistic and literary journal on disk. There's nothing else like it anywhere! Requires IIgs

HB-FS	All back issues (Feb 91 to June 92)		$54.00
HB-SS91.1	Semiannual disk set (Feb/Apr/Jun 91)		$20.00
HB-SS91.2	Semiannual disk set (Aug/Oct/Dec 91)		$20.00
HB-SS92.1	Semiannual disk set (Feb/Apr/June 92)		$20.00

HyperStudio

RW-005	HyperStudio (for IIgs) v3.1	(1/90)	$125.00
RW-009	HyperStudio Xcommands, Vol 1	(11/90)	$39.95

HyperCard

AP-002	HyperCard IIgs v1.1	(5/92)	$69.00
AW-042	Apple: Hypercard IIgs Script Guide	(3/91)	$23.99
AW-034	Apple: Hypercard Stack Design		$16.95
DA-030	HyperMover (2-3.5 disks)	(7/92)	$15.00
DA-034	HyperCard IIgs Developer's Kit	(9/92)	$15.00
DA-045	Apple: HyperCard IIgs Technical Notes	(10/92)	$3.00
PH-007	Gold: Mac HyperCard 2 Quickstart	**NEW!**	$19.95
PH-001	Floyd:IBM Multimedia Handbook	**NEW!**	$34.95

Clip art

TV-002	ClipArt Plus	(3/91)	$39.95
TV-004	Animated Icons	(8/92)	$29.95
DS-011	ClipVision 1.1	(3/91)	$29.95
RW-007	HyperStudio Clip-Art, Vol 1	(11/90)	$19.95
RW-011	HyperStudio Clip-Art, Vol 2	(3/91)	$24.95
RW-014	HyperStudio Clip-Art, Vol 3	**NEW!**	$19.95

Sound

TV-003	Sound Convert	(3/92)	$39.95
TV-001	ClipTunes (2 disks)	(3/91)	$39.95
DS-012	ClipSounds (10 disks)	(3/91)	$59.95
DS-013	ClipSounds Vol 2 (5 disks)	(1/92)	$29.95
RW-008	HyperStudio Clip-Sounds, Vol 1	(11/90)	$19.95

Desktop Publishing

Books

VP-001	Parker: Looking Good in Print	(3/93)	$23.95

Desktop Publishing Software

SH-008	Seven Hills: Formulate (IIgs)	(4/92)	$39.95

Fonts

WC-002	Pointless 2.0	(4/92)	$49.95
SH-005	Font Factory	(12/91)	$39.95
FC-001	A2-Central Font Collection	(3/90)	$39.00
	8 3.5 disks of fonts in ShrinkIt format		
FC-002	TrueType Font Collection	(11/92)	$63.75
	20 3.5 disks of fonts in ShrinkIt format		

Graphics/Imaging

Imaging

WC-001	InWords OCR (512K enhanced IIe or IIgs)	(3/91)	$99.00

Graphics

DW-001	DreamGraphix	(4/92)	$74.95
BB-007	Platinum Paint 2.0 (for IIgs)	(3/93)	$79.00
BB-008	Beagle Draw (for IIgs)	(11/91)	$69.00
SH-003	Jason Harper's SuperConvert (for IIgs)	(7/91)	$39.95
RW-004	Graphics Exchange (for IIgs)	(1/90)	$37.50
RW-013	Graphics Exchange Library Disk #1	(12/91)	$29.95
RW-012	Desktop Screen Capture (for IIgs)	(3/91)	$24.95
RI-001	Second Chance (IIgs image enhancement)	(11/90)	$39.95

AppleWorks

TimeOut-Central

Editor Randy Brandt of Beagle & UltraMacros fame gives you the latest AppleWorks & TimeOut tips, macros, and wares.

TO1	TimeOut-Central 6 issues/yr, 3.5 disk only	1 year	$48.00
TO2		2 years	$87.00
TO3		3 years	$123.00
TO.Sam	TimeOut-Central Sampler Disk		$3.00
TOFS91	Annual disk set (Sep 90/Sep 91)		$32.00
TOFS92	Annual disk set (Nov 91/Sep 92)		$32.00

TOSS90.1	Semiannual disk set (Sep/Nov/Mar 91)		$18.00
TOSS91.1	Semiannual disk set (May/July/Sep 91)		$18.00
TOSS91.2	Semiannual disk set (Nov/Jan 92/Mar 92)		$18.00
TOSS92.1	Semiannual disk set (May/July/Sep 92)		$18.00
TOSS92.2	Semiannual disk set (Nov/Jan 93/Mar 93)		$18.00

Books

IN-006	Aron: Using AppleWorks	(6/90)	$21.95
DB-001	Using the DeskJet 500 with AppleWorks	(9/91)	$20.00
AW-027	Brown: Using AppleWorks GS		$19.95

Software

RT-001	SuperWorks V. 2.0 (MS-DOS AppleWorks clone)	(9/91)	$149.00

TimeOut UltraMacros

JE-013	Ultra 4.2 (requires UltraMacros 3.0)	(1/93)	$49.95
BB-005	UltraMacros 3.0 (reqs AppleWorks 3.0)	(12/90)	$49.95
BB-006	MacroEase (requires UltraMacros 3.0)	(12/90)	$34.95
NA-001	Munz: UltraMacros Primer	(3/90)	$19.95
MM-002	Ultra-AppleWorks (UltraMacros tutorial on 3.5 disk)		$19.95
MM-003	Ultra-AppleWorks (book, samples on 3.5 & 5.25)		$24.95
MM-001	Ultra AWesome Macros (UltraMacros 3.0)	(3/91)	$19.95
MM-004	Ultra AWesome Macros II (UltraMacros 3.0)	(3/92)	$19.95

Enhancements

JE-012	OmniPrint	(9/92)	$32.00
JE-011	DB Pix	(6/92)	$25.00
JE-010	TotalControl	(7/91)	$49.95
JE-008	Outliner 3.0	(9/90)	$39.00
JE-007	DoubleData v2.0	(7/90)	$40.00
JE-006	SpellCopy	(7/90)	$12.50
JE-005	Pathfinder	(7/90)	$20.00
JE-001	Flexical (AppleWorks 2.x or 3.0)	(7/90)	$30.00
FW-001	Elite Fantasy Football System	(8/91)	$79.95

Patch programs

BB-004	Beagle AppleWorks 3.0 Companion Plus	(5/90)	$39.95

AppleTalk Networks

Books

IN-002	Hands on AppleTalk	(3/90)	$21.95
AW-030	Apple: Understanding Computer Networks		$9.95
AW-043	Apple: Planning & Manging AppleTalk Nets	(4/92)	$18.95
AW-035	Apple: Inside AppleTalk		$34.95
DA-012	Apple: Apple II AppleShare Prog Guide	APDA	$30.00

Network hardware

OE-001	ModuNet 8-pin for IIe, IIGS, new Macs		$19.95
SQ-006	AppleTalk card for ImageWriter II	(10/92)	$95.00

System Disks

DA-002	Apple: ProDOS 8 System Disk v4.0.1 (5.25 & 3.5)		$14.00
DA-006	Apple: GS/OS System 6 (6–3.5 disks & DA-031)		$24.00
DA-031	Apple: System 6 Release Notes(3.5 disk)	APDA	$4.00
DA-029	Apple: System 6 Golden Master CD ROM	APDA	$99.00

Education

Books

VS-001	Vernier: Build a Better Mousetrap	(7/88)	$24.95
VS-002	Vernier: Chaos in the Laboratory	(7/91)	$25.95
AW-013	Snyder: In Search of the Most Amazing Thing		$10.95

Software

SG-001	My Paint (IIGS)	(9/92)	$39.95
SG-003	Majelix Characters Coloring Disk for My Paint		$19.95
SB-001	GSNumerics (for IIGS)	(4/90)	$79.95
BR-101	Cartooners (IIGS)	(6/92)	*$14.95
BR-102	Mixed-Up Mother Goose (IIGS)	(6/92)	*$14.95
BR-001	Yeager's Flight Trainer (IIe/IIc)	(6/92)	*$14.95
BR-103	Life & Death (IIGS)	(6/92)	*$14.95

*** If you don't subscribe to any Resource Central publications, add $5 to the prices with stars by them.**

Disk Drives

Books

NA-002	Apple Hard Disk Primer	(9/90)	$16.95

3.5 Disk Drives

AM-001	AMR 1.4M 3.5 drive (for IIGS/IIc-Plus only)	(10/92)	$189.00
RC-101	10 generic, 800K 3.5 disks	(4/90)	$9.49
RC-104	500 blank, continuous labels for 3.5 disks		$12.95
RC-103	10 Static-Guard binder pages. for 3.5 disks	(4/90)	$9.97

SCSI cards

AP-001	Apple SCSI card	(5/91)	$119.00
CV-001	RAMfast SCSI card w/ 3.0 ROM	(5/91)	$189.00

Disk management utilities

ET-001	Universe Master	(10/92)	$99.00
ET-002	AutoArk	(1/93)	$39.95
CF-001	UltraCat	(1/93)	$24.95
GB-001	Prosel 8 (for IIe/IIc; 3.5, 5.25 on request)	(1/90)	$40.00
GB-002	Prosel 16 (includes Prosel 8 features)	(1/90)	$85.00
QS-006	Bag of Tricks 2	(8/92)	$29.95
VI-004	Salvation: Exorciser (Virus exterminator)	(10/90)	$34.00
VI-005	Salvation: Wings (Program selector)	(10/90)	$59.00
VI-002	Salvation: Bakkup (Backup & Restore)	(10/90)	$37.00
VI-008	Salvation Supreme (5 Salvation Pkgs)	(1/92)	$99.00

Printers

GS/OS Printer Drivers

VI-006	Vitesse: Harmonie	(12/90)	$37.00
SH-002	Seven Hills: Independence	(3/91)	$29.95
SH-007	Seven Hills: Express Print Spooler	(4/92	$29.95

Books

Technical References

AW-008	Apple: ImageWriter II Technical Ref		$19.95
AW-028	Apple: LaserWriter Reference		$19.95

Troubleshooting and Repair

HS-004	SAMS Computerfacts: ImageWriter I	(8/88)	$24.95
HS-008	SAMS Computerfacts: ImageWriter II	(8/88)	$24.95

Other

TB-012	LaBadie: Build Your Own Laser Printer	(7/91)	$16.95

Printer Cables

RC-007	6' cable for IIGS/IIc-Plus	(1/90)	$15.00
RC-006	6' cable for older IIc	(1/90)	$15.00
RC-008	6' cable for serial cards	(1/90)	$15.00

Memory Cards

SQ-002	Sequential MEG-80Z for Apple IIe, 1 Meg	$79.95
SQ-007	Sequential RAM IIc for Apple IIc, 1 Meg	$169.95
SQ-001	Sequential RAM-GS for Apple IIGS, 4 Megs	$149.95

Memory chips

RAM-256	Set of 8 256K chips for Apple cards	$25.00
RAM-1MG	Set of 8 1-meg chips for CVTech cards	$50.00

Other Hardware

Battery

NO-001	Nite Owl Slide-On Battery Kit for IIGS	(3/90)	$14.95
NO-005	Nite Owl ROM 3 Battery Kit for IIGS	(8/92)	$12.95

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NO-004	Nite Owl Super Cooler Fan for IIGS	(12/91)	$24.95

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ZC-002	Zip 8 MHz Accelerator for IIe		$139.95
ZC-001	Zip 8 MHz/16K Accelerator for IIGS	(3/91)	$199.00

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IS-001	Floating Point Engine	(4/90)	$249.00

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DC-003	Magnavox RGB Monitor for IIGS	(9/90)	$319.00
RC-005	IIGS RGB cable for Magnavox Monitor (120 volts)		$23.00
	Surface shipping outside U.S.		$20.00

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SQ-004	bitMouse serial mouse card w/o mouse	(10/92)	$69.95
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Serial card for Apple IIe

SQ-003	SuperCOMM serial card	(10/92)	$79.95

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SS-010	Desktop Enhancer v2.0	(1/91)	$24.95
SS-011	Contacts GS	(1/93)	$14.95
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RW-006	MacroMate (universal macros for IIGS)	(1/90)	$37.50
QC-001	Six Pack	(3/93)	$29.95

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Big Red Games

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BR-003	Pinball Construction Set (IIe/IIc)	(6/92)	*$14.95
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BR-005	Shanghai (IIe/IIc, joystick required)	(6/92)	*$14.95
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HS-005	SAMS Computerfacts: IIc	(8/88)	$39.95

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