from:
SOUTHERN CALIFORNIA
RESEARCH GROUP
Post Office Box 593
Moorpark, CA 93020
Telephone (805) 529-2082

SCRG

Peripherals
for your
Apple Computers

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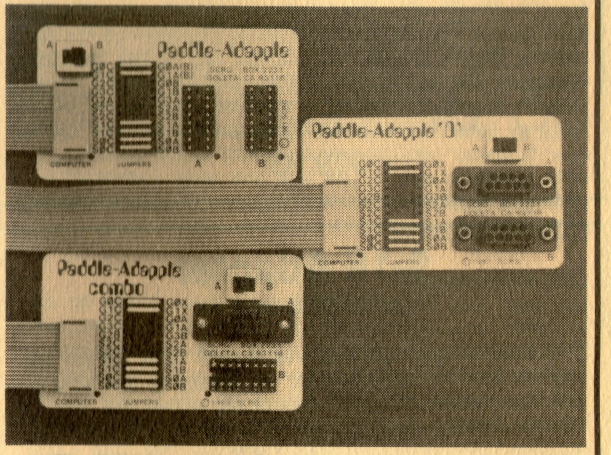
Paddle-Adapple

The **PADDLE-ADAPPLE** is a game plug expansion adapter that plugs into the interior game I/O socket, and is designed to operate in one of two modes. In the first, it allows you select between one of two devices, such as Koala Pad™ and joystick. The device is selected by the flip of a switch. In the second mode, the **PADDLE-ADAPPLE**, with appropriate software, allows the use of two joysticks simultaneously.

The are three versions to adapt to any combination of the newer type APPLE connector (the 9-pin D sub-miniature), or the older 16-pin plug.

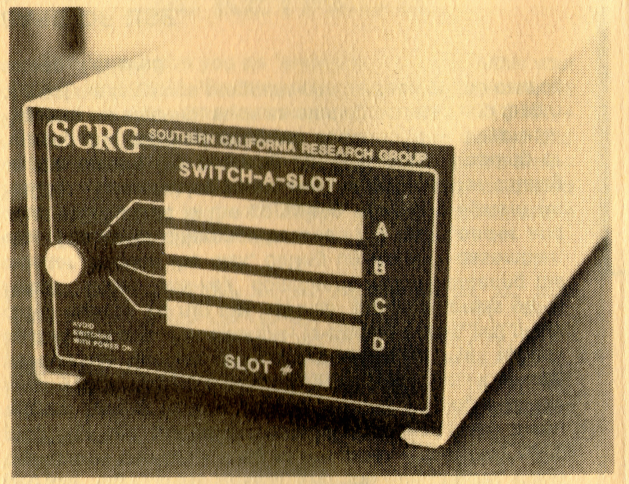


- The **PADDLE-ADAPPLE** has two 16-pin sockets.
- The **PADDLE-ADAPPLE 'D'** has two subminiature 'D' (9-pin) connectors.
- The **PADDLE-ADAPPLE COMBO** has one 'D' subminiature and one 16-pin connector.

- Works with all APPLE compatible joysticks, paddles, and other devices.
- Select one of two devices or...
- Use two joysticks simultaneously.
- Unique configuration socket allows you to reconfigure the **PADDLE-ADAPPLE** to meet your needs.
- Recommended for two-player games such as **One-on-one** and **Archon**.
- Supports shift-key modification.
- Exchange X and Y joystick axis.
- Four push-button inputs possible.
- Small and compact – adhers to computer with supplied foam tape.
- All strobes, annunciators, and power available on all 16 pin connectors.
- Supplied with 18" (45 cm.) cable.

$29.95

SWITCH-A-SLOT



Designed by Joy George

The **SWITCH-A-SLOT** is an expansion chassis, which allows the user to plug in up to four peripheral cards in one slot. One of these cards is selected for use, and *only* that card draws power.

This product is especially useful where the software requires the printer to be in a particular slot, and the user wishes to choose between two or more printers.

- Allows up to four peripheral cards to be plugged into one peripheral slot.
- User selects desired card by front panel rotary switch.
- Only selected card draws power.
- Plugs into any peripheral slot.
- Saves wear and tear on delicate connectors.
- 18" (45 cm) cable connects SWITCH-A-SLOT to computer.
- Works with most peripheral cards.

SPECIFICATIONS:

- Power consumption; 5 ma from -5v supply, 60 ma from +5 v.
- Switched lines, ±5 and ±12 volt.
- Data, Signal, and address lines are unbuffered.
- Resistive termination on address, data and R/W lines.
- Size: $6\frac{1}{4}$" W x $4\frac{1}{8}$" H x 11" D (158mm x 104mm x 279mm).
- Chassis is made from heavy duty .062 aluminum.
- Accomodates cards up to $10\frac{1}{4}$" (260mm) long.
- All connectors gold plated.

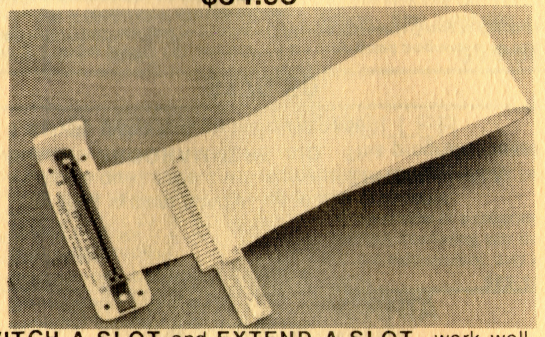
$179.50

EXTEND-A-SLOT

The **EXTEND-A-SLOT** brings a slot outside your APPLE™, allowing an easy change of cards. The 18" (45cm) cable is long enough to allow placement of the card in a convenient location. the high quality connectors are gold plated for reliability.

EASY TO USE–just plug it in as you would any expansion card, then plug your card in. When you want to change cards, do it easily outside the computer, without the wear and tear on the computer expansion slot.

$34.95



SWITCH-A-SLOT and **EXTEND-A-SLOT** work well with most slow to medium speed cards, such as modems, printers, clock, music, etc. They are not recommended for high speed data transfer devices such as disk drive controllers, alternate processor, and memory cards.
Due to the nature of these products, and unit-to-unit variations of computers and peripherals, we are unable to guarantee that these products will work with any particular system. However, as with all our products, we offer a ten-day trial period. If our product does not operate to your satisfaction, return it for a prompt refund.

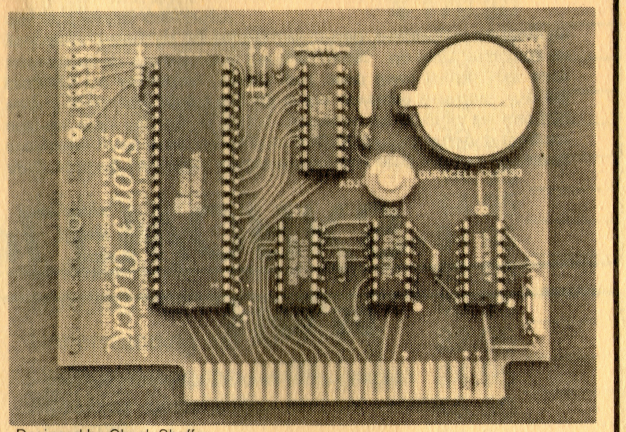
MAGIC KEYBOARD
FOR APPLE][AND][+ ONLY

At the flip of a switch, select between the standard "QWERTY" keyboard, and your choice of **DVORAK, A.S.K., MONTGOMERY, LEFT & RIGHT ONE-HANDED,** and **ALPHABETICAL ORDER.** No matter which of the above keyboards you have chosen, you can then *instantly* switch between that keyboard and a numeric keypad.

- Converts APPLE keyboard to one of eight 10-key or hexadecimal keypads.
- Hardware conversion – compatible with **all** software.
- Decals provided.
- Works with any revision APPLE][or][+. (NOT for //e).
- Instantly switches between standard keyboard and keypad.
- Installs easily, no soldering.
- Does not use an expansion slot.
- Software compatible with all word processors.

$49.95

SLOT 3 CLOCK™



Designed by Chuck Shaffer

The **SLOT 3 CLOCK** is designed to plug into slot 3 of the APPLE™][,][+, or //e. The main feature is that, unlike most cards, it can plug into slot 3 of the //e *without interfering* with the operation of the extended memory 80-column card.

OTHER FEATURES:

- Fully supports **PRODOS**™ & **APPLEWORKS**™
- APPLESOFT™ compatible.
- Time and date stamp **PRODOS** files.
- Time and date stamp **DOS 3.3** files.
- Long-Life DURACELL® lithium battery included.
- Installation software included. **$79.50**

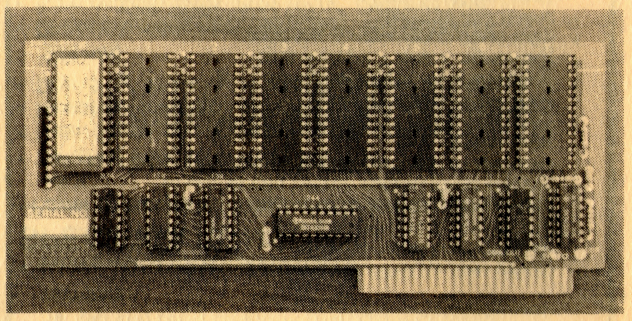
DUAL KEYBOARD ADAPTER

for APPLE][and][+ only.

Many APPLE][owners have enhanced the computer by investing in an alternate keyboard. A major disadvantage is that the built-in keyboard is disabled. The **DUAL KEYBOARD ADAPTER** solves this problem by allowing the use of either keyboard. There are no switches, the user simply starts typing on either keyboard. The unit plugs into the keyboard socket of the computer, and both keyboards are plugged into the adapter. Installation is as simple as installing the second keyboard.

$39.50

quikLoader™



Designed by Jim Sather

SPEED

The **quikLoader**™ allows *instant* loading of programs. APPLESOFT™, Integer, and machine language programs can be loaded in fractions of a second. More importantly, DOS is instantly loaded every time the computer is turned on. Integer is even loaded into the language card. This process takes less than a second, saving valuable time. The **quikLoader** operating system can keep track of over 250 programs when stored in **EPROM** (Erasable Programmable Read Only Memory). The user can transfer programs to EPROM using the instructions included with the unit, and any EPROM programmer (such as the **PROmGRAMER**™).

CONVENIENCE

How many times have you started to work with a frequently used program, only to find that you have misplaced the disk, or worse, had the disk damaged, or the dreaded "I/O ERROR" flash on the screen. With the **quikLoader**, these nightmares can be a thing of the past. Frequently used programs are available *instantly* when you need them, without having to look for the disk, or hoping that the lengthy disk loading procedure goes smoothly. If you do need to use standard disks, the **quikLoader** even speeds up that process. For example, to catalog a disk, just press ctrl-C Reset. To run the "HELLO" program, press ctrl-H Reset. Other "one-key" commands include entering the monitor, booting the disk, calling up the mini-assembler, etc. The major difference between the **quikLoader** and other ROM cards is the complete operating system (in PROM). This enables you to see the **quikLoader** catalog on the screen (by pressing ctrl-Q Reset). Loading or running the desired program requires one keypress. Program parameters, such as starting address and length of machine language programs can be seen on the catalog screen, if desired.

EASE OF USE.

The **quikLoader** plugs into any slot of the APPLE][,][+, or //e. The card is reset driven. To use any of the many features, RESET is pressed in conjunction with a key. The particular key pressed chooses the feature.

VERSATILE.

The **quikLoader** will accept all of the popular 5 volt 27 series EPROMs available. Single-voltage 2708, 2716, 2732, 2764, 27128, 27256, and 27512 types may be freely intermixed. Long programs can be stored on more than one EPROM, and several short programs may be stored on one. The **quikLoader** operating system even handles multiple cards, so you can easily double or triple the amount of EPROM memory available. The ultimate memory capacity of one card is 512K, so many frequently used programs and utilities can be stored. We even start your library of programs with the most popular utilities on the card, FID and COPYA. Now, to copy a disk, you don't have to search for the DOS master. You can start copying within 3 seconds after turning on the computer.

INCREASED DISK CAPACITY.

Since standard DOS 3.3 is loaded every time the computer is turned on, it is not necessary to take valuable disk space with DOS. This will give you more than 5% additional space for programs and data on disks.

SYSTEM REQUIREMENTS.

The **quikLoader** will work in an APPLE][,][+, or //e. If used in a][or][+, a slightly modified 16K memory card is highly recommended in slot Ø. A disk drive is required to save data.

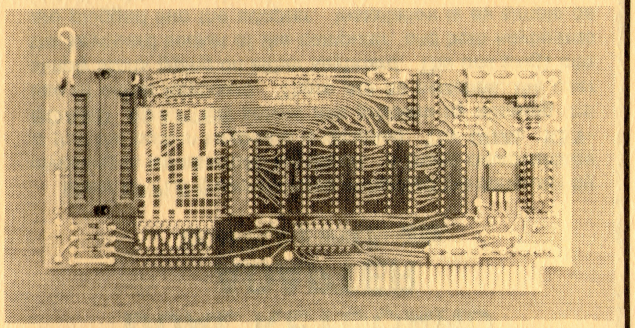
FEATURES:

- Memory capacity to 512K.
- Instant loading of DOS 3.3.
- Includes Integer, Fid, and COPYA.
- Seven empty sockets for your own programs.
- Commercial programs available.
- Slot independent.
- Works in APPLE][,][+, or //e.
- Operating system handles up to 255 programs.
- Multipule quikLoaders will increase EPROM memory.
- Includes **PROGRAMMERS AID**. This program makes it easy to place files on the quikLoader.

$179.50

DOS 3.3, Integer BASIC, FID, and COPYA are copyrighted programs of APPLE COMPUTER, INC. licensed to Southern California Research Group to distribute for use only in combination with quikLoader.

PROmGRAMER™



Hardware design by Bob Brice — Software by Bob Sander-Cederlof

The PROmGRAMER is an inexpensive **EPROM** (**E**rasable **P**rogrammable **R**ead **O**nly **M**emory) programmer for the **APPLE**][,][+, and //e computers. The unit plugs into any slot of the computer, and allows the user to program any standard 5 volt, 27 series **EPROM**. Although not intended as a production tool, the ease of use allows rapid programming, copying, duplication, or modification of **EPROM**s.

FEATURES:

- Programs all single-voltage 27XXX series **EPROM**s from the 2708 to the 27512.
- Also does CMOS versions of above EPROMs.
- Choice of standard or fast programming algorithm.
- Disk-based software allows easy customization.
- Source code included (S-C Assembler).
- Files can be saved under standard DOS 3.3.
- On-board voltage generator–no messy wires or transformers.
- Zero-insertion force (**ZIF**) socket for ease in changing **EPROM**s.
- Complete–no personality modules needed.
- Slot independent for maximum flexiblity.

$149.50

INSTANT APPLEWORKS™

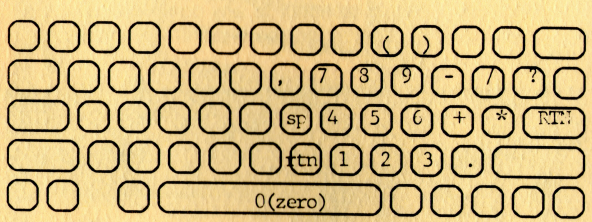
Now, you can have APPLEWORKS *built-in* your APPLE //e™. With our programming service, your copy of **APPLEWORKS**, and the **quikLoader**™, your computer can be ready within 2 seconds after applying power.

After receiving your order, we will immediately send you a kit containing everything you'll need. Copy your original **APPLEWORKS** program onto the disks included in the kit. Configure the program the way you want it used, and return it to us in the envelope provided. We will program the necessary "chips", and send them to you with easy instructions for installation in the quikLoader. No more searching for your disks, waiting for the startup disk to load, swapping to the program disk, and waiting even longer.

The cost of the service includes the EPROM chips **$89.50**

//c KEYPAD kit

This kit will give you an "embedded" keypad within your built-in keyboard. You may instantly switch between the keypad or the standard keyboard. **CAUTION** - Requires expert desoldering and soldering ability, and disassembly of the computer. Estimated installation time – about one hour. Comes with step-by-step illustrated instructions, new keyboard PROM, solder, socket, and a set of decals for the keycaps.

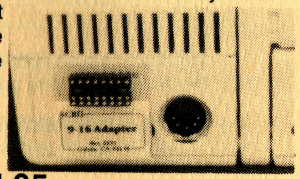


$29.95

9-16 Adapter

for APPLE //e & //c

The 9-16 adapter permits the use of most 16-pin I/O devices with the APPLE //e or //c. Plugging this adapter into the subminiature 'D' connector allows the use of 16-pin device, such as the **PADDLE-ADAPPLE**, paddles, joystick, 16 pin Koala Pad™, etc. The only limitations are those devices that use the annunciators or the $CØ4Ø strobe, such as the POWER PAD™. Please note that the //c does not support two joysticks.



$14.95

16-9 Adapter

for APPLE][and][+

With this adapter, owners of early APPLEs can take advantage of the newer 9-pin game products, such as paddles, joysticks, **MUPPET LEARNING KEYS™**, etc. **NOTE** – If you have more than one game I/O device, consider purchasing our **PADDLE-ADAPPLE COMBO** instead.

14.95

BOOKS BY JIM SATHER

Understanding the APPLE][- The definitive source of information about how the APPLE][works. Forword by Steve Wozniak. **$22.95**

Understanding the APPLE //e - The companion volume to "Understanding the APPLE][". Covers the additional information needed to know details of the hardware of the computer . **$24.95**

*"**Understanding the Apple** //e leaves no stone unturned in the search into the inner workings of the Apple //e computer"* – **Steve Wozniak**

WRITE GUARD

Designed by Mark Hansen
Use both sides of diskettes without cutting holes. Write protect any diskettes without tabs. Write enable diskettes for update without removing tab. LED to verify write protect status without removing diskette. Easy installation, no cutting or soldering. For use only on APPLE™ DISK][. **$45.50**

D MANUAL CONTROLLER

Designed by Jim Sather
This hardware product gives the user complete control over all I/O functions in the range $CØØØ through $CØFF.
Commands can be issued (via push-buttons) in the middle of a program, and the desired result occurs immediately, without interfering wih the normal operation of the program. The card is slot-independent, and is connected to the control panel by a four foot cable. **$89.50**

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(805) 529-2082

GENERAL INFORMATION:

- All products made in **U. S. A.**
- All edge connectors gold-plated.
- Six month warranty
- Ten day trial period – Money back if not satisfied.
- All peripheral cards are double sided with plated through holes, gold connectors, and solder masked both sides.

TRIAL PERIOD

Our trial period allows you to decide if our products are suitable for you, under actual operating conditions. Within 10 days of receipt of product, you may return it for refund if you are not satisfied. Returns made between 11 and 30 days are subject to a 20% restocking fee.

ORDERING INFORMATION

Our products are carried at many dealers. Check with your local dealer first, for fastest service.
To order directly from us, you may use the order blank to the right, or call our order line:

(800) 635-8310 (Toll-free)
From CA (800) 821-0774 **(Toll-free)**
Outside U.S (805) 529-2082
TELEX: 658340 ATTN: SCRG answerback INTERTEL SNC
VISA and MASTERCARD accepted.

ORDER FORM

quikLoader	$ 179.50
APPLEWORKS™ back-up	89.50
SWITCH-A-SLOT	179.50
PROmGRAMER	149.50
SLOT 3 CLOCK	79.50
9-16 ADAPTER	14.95
16-9 ADAPTER	14.95
EXTEND-A-SLOT	34.95
D MANUAL CONTROLLER	89.95
MAGIC KEYBOARD	49.95
Understanding the APPLE][	22.95
Understanding the APPLE //e	24.95
WRITE GUARD	45.50
//c KEYPAD (kit)	29.95
DUAL KEYBOARD adapter	39.95
PADDLE-ADAPPLE	29.95

___DUAL 16-PIN ___DUAL 'D' ___COMBO

SUBTOTAL	
CALIFORNIA SALES TAX (6%)	
SHIPPING (see * below)	
TOTAL	

MAIL TO:
SOUTHERN CALIFORNIA RESEARCH GROUP
Post Office Box 593
Moorpark, CA 93020

__Check enclosed __VISA __Mastercard

Name_____

Address_____

City_____

State (province, district)_____

ZIP or Postal code_____

Country_____

Telephone #_____

if paying by charge card, complete the following:

Name(exactly as it appears on card)_____

Account number_____

Expiration date_____ Interbank#_____

Signature_____

* Shipping Charges:
U.S. & Canada–all items, $2.50
Other countries– SWITCH-A-SLOT $10 surface, $25 air.
Other items: $5 surface, $10 air.