

## TRACKSTAR 128™

*Run Apple software on IBM PC,  
XT, Personal System/2 Model 30  
or compatible.*



## PRODUCT INFORMATION

### THE BEST OF BOTH WORLDS

*Now you can run Apple™ educational, business and game software on your IBM™ PC or compatible computer; even the difficult "copy protected" programs.*

The idea of the universal computer running all the top selling programs is not new. The single product on the market that will provide the most compatibility is Trackstar 128. Four years of research have developed a board that will allow one computer to run the two largest software libraries. The IBM business programs plus the Apple educational and game programs on one computer expands the choices for teachers, home users, and business communities. With Trackstar 128 installed, schools and businesses open new horizons of personal computing and computer teaching with the continued use of expanded software and data.

*Run the world's two largest software libraries on one machine.*

- ☐ Acts like an Apple II, II+, IIe, IIc with ram card, 80 column card, color graphics card for RGB output.
- ☐ Runs Apple ProDOS, DOS 3.2, DOS 3.3, and Apple Pascal.
- ☐ Supports 80 column mode (software selectable), RGB, composite color, and IBM monochromatic output for all Apple text and video modes.
- ☐ Supports 128K programs and 64K format programs.
- ☐ Supports Apple compatible 5 1/4" drive through a connector on the board or use the IBM internal 5 1/4" drives as Apple drives.
- ☐ Runs even the difficult "copy protected" programs through the external Apple disk drive.
- ☐ Includes an Apple game port and hand controller port.
- ☐ Tested at 97% compatible on the most widely used programs including M.E.C.C., Sunburst, The Learning Company, Appleworks, Printshop and more.
- ☐ File transfer between Apple DOS 3.3 text or binary and MS-DOS.
- ☐ Allows programming of the function keys in the Apple mode. F9 and F10 programmed as OPEN APPLE and CLOSED APPLE.
- ☐ IBM PC keypad and arrow keys work in the Apple mode.

## REVIEWS

"I believe the introduction of the Trackstar was a significant breakthrough for school districts who were wrestling with purchase decisions. Schools have varied needs which are best met by a combination of operating systems used to develop software programs. Your contribution to this project is deeply appreciated."

*E.O. Shaffer, Ph.D., Assistant Superintendent, Tinley Park, Ill., Sept. 1986*

"Overall I was impressed by Trackstar. The design and features of the system are superior to its major competition. Trackstar ran without problem all software I tried, including the major Apple word processing and data base programs."

*Michael Callery, Computer+Software News, Oct. 1985*

"For the most part Trackstar could very well change the outlook of the educational system as to which computers they choose to put into the schools. Does it work? Beyond anything I expected!"

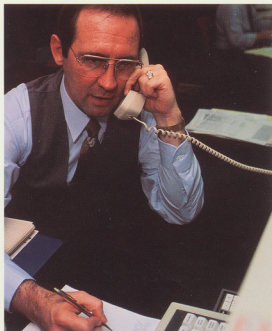
*Lon Andrews, Computer Shopper, April, 1987*

"I believe that Trackstar offers to the educator, the parent, and many others a tremendous desired degree of flexibility."

*Dr. Chris Templar, Johnson Bible College, Knoxville, Tennessee, July 1986*

"It's incredible. Two computers in one. I write educational programs and specific control programs for specialized needs of the handicapped using the Trackstar."

*Nathan Darnall, Handicap Systems Research, Salem, Oregon*



## REVIEWS



"The Trackstar lets you run programs for the Apple on an IBM PC. And it works this seeming magic better than any other product like it."

**Computer Buyers Guide and Handbook**,  
Sept. 1986

"I was very pleasantly suprised at the extent to which the Trackstar is compatible with our products. Being in the testing department, I have had a chance to use many different hardware emulators and have generally been disappointed with their results. It was a nice change of pace to use the Trackstar 128."

Dave Davis, Asst. Testing Supervisor,  
Broderbund Software, March 1987

"After using the Trackstar system and looking at the compatibility testing done on it, I can't help but be impressed."

Bradford N. Dixon, **80 Micro Magazine**, Sept. 1986

"We use the file transfer extensively. It is a great advantage to be able to check the file transfer on the same machine you are using for transfer. It saves having to walk the software over to another computer. I am very happy with the board."

Clyde Lee, Syteck Corporation, Houston, Texas

"We have had one of your Trackstar boards in an IBM PC since December. This computer is our pilot model for a major education effort for the mentally retarded. We plan on having at least 25 of these in operation before the end of the year at one facility. . . and are discussing such installations at several other facilities. Frankly, we could not proceed as planned without your fine product. It gives us a very versatile teaching and entertainment tool. . . and has performed flawlessly."

Bill Oliver, **Let's Learn**, Oakland, California

"The technical suport staff proved friendly and knowledgeable - better than most firms I've dealt with."

Michael Callery, **Computer+Software News**

"The Trackstar 128K's level of compatibility is very impressive."

Larry Pogue, **Electronic Learning**, March 1987

"It's like having an Apple computer inside. Teachers can now select the best software for which ever operating system. It is about as close as we can come, at this time, to the ideal of a uniform standard for operating systems. The performance of the new board has been remarkable; and compatibility with Apple-related software has been excellent."

E.O. Shaffer, Ph.D., Assistant Superintendent,  
Tinley Park, Ill., April 1987

"The burst of enthusiasm . . . is but a slight reflection of my satisfaction with Trackstar. It is an outstanding product - a super value!"

K. Hulka, VP Marketing, **Media Computing**

"The company's (Apple) most formidable strength lies in its wealth of educational software for the Apple II series, which educators mention most frequently as the reason they buy Apples. Three-quarters of the newest software runs on Apples, a phenomenal quantity which will probably not be available for any other computer for a long time."

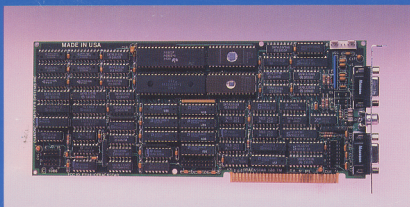
**Electronic Learning**, Sept. 1986

"The emulation board provides school users with options and flexibility. Users can take advantage of new 16-bit MS-DOS technology and still have access to the wealth of Apple II software available."

**PC Companion Magazine**, April, 1986



# SPECIFICATIONS



## Microprocessors:

- 65C02 : Main processor (1MHz)
- 6502 : Display controller (1 MHz)

## Internal Memory:

- 128K Bytes dynamic RAM (Main & Aux. Banks)
- 16K Bytes dynamic RAM (Language card)

## Display Modes Supported:

- 40 Column Text
- 80 Column Text
- Low Resolution Graphics (16 Colors)
- High Resolution Graphics (4 Colors)
- Double High Resolution Graphics (16 Colors)
- Mixed Mode of Graphics and Text

## Display Monitors Supported:

- IBM™ standard RGB color monitor (640 × 200 dots)
- IBM™ standard Composite monitor (640 × 200 dots)
- IBM™ standard TTL Monochrome monitor (720 × 350 dots)

## Disk Drives Supported:

- Standard IBM™ PC 5 1/4" Drive (360k)
- for the Apple™ programs using regular tracks
- Apple™ 5 1/4" PC serial port
- IBM™ PC Keyboard and Speaker

## Software:

- File Transfer Utility between MS™DOS and Apple™DOS 3.3

## Diamond Computer Systems, Inc.

1225 Tiros Way,  
Sunnyvale, California 94086  
(408) 736-2000

Trackstar 128 is designed and manufactured in the U.S.A.