

# TYMAC

PPC-100

# PARALLEL

# PRINTER CARD

WITH CABLE

made in U.S.A.



## WARRANTY INFORMATION

The TYMAC CONTROLS CORP. PARALLEL BOARD Has a 90 Day Warranty from date of purchase. TYMAC CONTROLS CORP. warrants this interface card and cable against defects in material and workmanship and during the warranty period TYMAC CONTROLS CORP. will repair or at its option, replace for a fee (currently \$2.50 to cover postage and handling), components that prove to be defective provided the product is returned shipping prepaid to

**LEADING  
EDGE**

Leading Edge Products, Inc.

225 Turnpike Street

Canton, Massachusetts 02021

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Your sales receipt is your warranty validation. Dated proof of purchase (such as bill of sale or cancelled check) must be provided when requesting work to be performed during or after the warranty period.

This warranty does not apply if, in the opinion of TYMAC CONTROLS CORP., the product has been damaged by accident, misuse, misapplication, or damaged as a result of service or modification by other than the manufacturer. TYMAC CONTROLS CORP. will repair or replace defective boards out of warranty for a maximum current fee of \$55.00. No other warranties are expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. TYMAC CONTROLS CORP. is not responsible for consequential damages.

**NOTE:** Some states may not allow the exclusion or limitations of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state. TYMAC CONTROLS CORP. reserves the right to make changes to its products to improve reliability, function, or design. Prices are also subject to change without notice.

# THE TYMAC PARALLEL PRINTER CARD

**IMPORTANT:** Make sure all power to the Apple computer has been turned off before installing the interface board. The interface may be placed in any slot but slot zero. The PPC-100 interface has a standard Centronics printer type configuration however it is recommended that the cable pinouts be checked before it is connected to your printer. The following is a chart of the cable pinout at the Centronics type connector.

| PIN | SIGNAL | PIN      | SIGNAL      |
|-----|--------|----------|-------------|
| 1   | Strobe | 2        | Data 1      |
| 3   | Data 2 | 4        | Data 3      |
| 5   | Data 4 | 6        | Data 5      |
| 7   | Data 6 | 8        | Data 7      |
| 9   | Data 8 | 10       | Acknowledge |
|     |        | 19 to 28 | Ground      |

## † OPERATING INSTRUCTIONS †

The Basic command that turns on the printer is PR#S where S is the slot number (from 1 through 7) in the Apple computer that the board has been placed.

The command that turns off the printer is PR#0.

The use of CTRL I ddd N (where ddd is a decimal number less than 255) will turn off the monitor screen and print ddd columns per line.

The use of CTRL I I will turn on the monitor screen again.

The use of CTRL I K will turn off the automatic line feed after carriage return feature.

The following chart displays the commands that enable and disable the high order bit ( used for graphic characters on some printers ).

| SLOT | HEX ADDRESS | BASIC Enable  | BASIC Disable |
|------|-------------|---------------|---------------|
| 1    | 04F9        | POKE 1273,255 | POKE 1273,127 |
| 2    | 04FA        | POKE 1274,255 | POKE 1274,127 |
| 3    | 04FB        | POKE 1275,255 | POKE 1275,127 |
| 4    | 04FC        | POKE 1276,255 | POKE 1276,127 |
| 5    | 04FD        | POKE 1277,255 | POKE 1277,127 |
| 6    | 04FE        | POKE 1278,255 | POKE 1278,127 |
| 7    | 04FF        | POKE 1279,255 | POKE 1279,127 |

NOTE: On initialization the graphics characters are disabled.

\* NOTE: APPLE is a registered trademark of APPLE COMPUTER INC., CUPERTINO, California. CENTRONICS is a registered trademark of Centronics Data Computer Corp Hudson, NH

# 90-DAY WARRANTY CARD

Serial # 102048

**PLEASE RETURN CARD WITHIN 14 DAYS OF PURCHASE DATE SO WE CAN SERVE YOU BETTER:**

PURCHASE DATE: 4/1/82

COMPANY NAME: \_\_\_\_\_

PERSON BUYING: \_\_\_\_\_ TITLE: \_\_\_\_\_

CO. ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

## WOULD YOU PLEASE TAKE A MINUTE TO ANSWER THE FOLLOWING RESEARCH QUESTIONS?

### 1) Demographics (please check appropriate boxes)

Age: Under 21  21 to 35  36 to 50  Over 50

Income: Under \$15,000  \$15,000 to \$25,000

\$26,000 to \$40,000  Over \$40,000

Where Purchased: Retail Computer Store

Office Products Store

System House  Other \_\_\_\_\_

Name of store purchased from: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State \_\_\_\_\_ Zip: \_\_\_\_\_

### 2) Please list in order of importance, the major applications the printer will be used for:

\_\_\_\_\_

### 3) What system will this printer be running on?

Mfg/Model \_\_\_\_\_ / \_\_\_\_\_

### 4) Which (if any) Printers did you compare the Comet I against?

a) Mfg/Model \_\_\_\_\_ / \_\_\_\_\_ b) Mfg/Model \_\_\_\_\_ / \_\_\_\_\_

c) Mfg/Model \_\_\_\_\_ / \_\_\_\_\_

Which of these printers would have been your second choice? a b c (circle)

### 5) Did you know which printer you wanted before entering the store? Yes No

### 6) Why did you finally choose the Comet I as your printer?

Price  Good Demonstration

Quality  Reputation/Referral

Other \_\_\_\_\_  Other \_\_\_\_\_