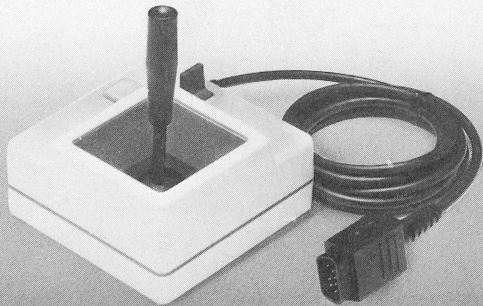




# cursor III

FOR APPLE III



**OPERATION AND  
REFERENCE MANUAL**

# THE APPLE CURSOR ///

Here is your new Apple Cursor ///! Be sure to read the instructions here on how **TO PLUG IN YOUR CURSOR ///**. It is not difficult to write commands which instruct the Cursor /// according to a particular application. If you want to create programs involving the Cursor ///, be sure to read the instructions in your basics manual.

## ABOUT YOUR CURSOR ///

The Cursor /// is a precision input device which allows you to send continuous information to the Apple /// in the form of x-y coordinates.

The Cursor /// looks and acts much like an airplane control column. It moves freely in two dimensions; back and forth, and from right to left. Programs can be written so that movement of the Cursor /// is tracked by the cursor on the

screen, giving continuous and immediate feedback on your activity.

The Cursor *///* is designed to spring back to the center position when released. The cursor can be programmed to follow the Cursor *///* spring return to the center of the screen after release.

The Cursor *///* contains two potentiometers, one which reads the x - axis and one which reads the y - axis.

An analog-to-digital converter reads the voltage on the potentiometer and gives the Apple a numerical value representing either the x or y coordinate position. The coordinates are scaled so that numerical readings will range between 0 and 255 on both axis.

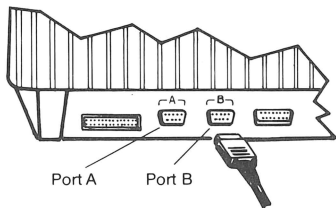
Mounted on the same box which houses the Cursor *///* mechanism is one push button and one three-position switch. The three-position switch has a momentary ON position which automatically switches back OFF, much like the push button; a permanent OFF position; and a permanent ON position.

The Cursor *///* can be used in many applications. It has important potential as an input device in word processing and computer graphics.

The greatest advantage in using a Cursor *///* instead of game paddles is the increased coordination you experience when using software applications which direct cursor movement on the screen.

## TO PLUG IN YOUR CURSOR ///

If you have one Cursor ///

, plug it into Port B on the back of the Apple //. If you add a second Cursor ///, plug it into Port A. To learn more about the back of your Apple //, see the section entitled “The Back” on pages 59-63 of your Apple // Owner’s Guide. See pages 80-81 if you would like to learn more about the receptacle ports.

Once you have plugged in your Cursor ///

, it is ready to go.

## NINETY-DAY WARRANTY

The Keyboard Company (hereinafter referred to as "TKC") warrants the products it manufactures against defects in material and workmanship for a period of ninety days from the date of purchase. Products manufactured by TKC can be identified by the "TKC" trademarks, trade name, or logo affixed to them.

During the warranty period, TKC will repair (or at its option replace) at no-charge, components that prove to be defective, provided the TKC product is returned, shipping prepaid, to the Keyboard Company.

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This warranty does not apply if, in the opinion of TKC, the product has been damaged by accident, misuse, misapplication, or as a result of service or modification by other than The Keyboard Co.

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7151 PATTERSON DRIVE  
GARDEN GROVE, CA 92641  
(714) 891-5831 TWX: 910-596-2372