

## PERKINS ENGINEERING

1004 PLEASANT AVENUE

BOYNE CITY, MI 49712

(616)592-9832

### BLUE RAM KEYBOARD

THIS KEYBOARD IS DIRECTLY DRIVEN BY THE BLUE RAM EXTENDED BASIC CARTRIDGE.

#### INSTALLATION

OPEN THE ZERO INSERTION FORCE SOCKET ON THE BLUE RAM AND INSERT THE 12 PINS OF THE KEYBOARD PLUG INTO THIS SOCKET ON THE BACK SIDE (NEAREST THE HANDLE) WITH THE RIBBON CABLE AND MOST OF THE THE PLUG EXTENDING OUT THE BACK. THIS LEAVES THE FRONT SIDE OF THE ZIF SOCKET (PORT B) UNOBSTRUCTED. CLOSE THE SOCKET BY LOWERING THE HANDLE.

THIS KEYBOARD CONTAINS 62 KEYS INCLUDING SEVERAL SPECIAL KEYS:

THE "CAPS LOCK" KEY LATCHES DOWN. PRESS IT AGAIN TO UNLATCH IT. SINCE THE ARCADE WRITES TO THE SCREEN IN CAPS ONLY, THIS KEY IS NORMALLY LEFT DOWN.

THE TWO "SHIFT" KEYS, WHEN USED WITH MOST LETTER KEYS, WILL ENTER THE COMMAND WORDS INCLUDING POINT, CIRCLE, SNAP, SHOT, ETC.

THE "CTRL" KEY IS USED IN A SIMILAR WAY BUT HAS AN ADDITIONAL FUNCTION. "CONTROL E" IS AN ADDITIONAL EDITING MODE SIMILAR TO "PAUSE" IN RETRO BASIC.

THIS KEYBOARD IS PROVIDED WITH AN EXCELLENT DEBOUNCE ROUTINE AND N KEY FOLLOWER PROTECTION.

THERE ARE AT LEAST TWO ENCLOSURES AVAILABLE. JAMECO ELECTRONICS, 1355 SHOREWAY RD. BELMONT, CA 94002 OFFERS ONE AT \$49.95

ED. HORGER, 1250 DICKENS, TROY, MI 48084 MAKES AN OAK BASE (SEE VOL. 4, PAGE 107 OF THE ARCADIAN) THAT SUPPORTS THE ARCADE AND THE BLUE RAM, AND ENCLOSES THE KEYBOARD, ALL IN ONE AT \$30.00.

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