

# DISTO

SUPER PRODUCTS

## *DISTO*

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*MINI*

# *CONTROLLER*



CRC  
COMPUTERS inc.  
MADE IN CANADA

MANUFACTURED & DISTRIBUTED BY



C.R.C. COMPUTER inc  
C.R.C. ORDINATEUR inc

## THE DISTO MINI-CONTROLLER I

### INTRODUCTION:

Congratulations, you have just bought one of the finest Color Computer disk controllers available today. The DISTO Mini-Controller 1 or better known as the MC-1, employs the latest state-of-the-art technology for floppy disk controllers, the Western Digital WD1773. Also, the premium-quality, solid-state circuitry assures high reliability for your personal or business use. This controller is compatible to the Radio Shack Color Computer disk controller. This means that it will do everything the Radio Shack controller can do.

### FEATURES:

- \* Radio Shack/Tandy compatible.
- \* Works on all COCOs! 1, 2 or 3 with or without the Multi-Pak interface.
- \* One 24/28 pin socket, for 8K ROM, 2764, or 27128 and a second 28 pin socket for a 2764 or 2128.
- \* The 2 DOSes are selectable by one simple switch.
- \* Low Power Draw; Within COCO's power requirements.
- \* All Gold Plated edge connectors.
- \* Low cost for the budget conscious.

## INSTALLATION:

The DISTO Mini-Controller is very simple to install, however if you follow these few rules, you will prevent any accident that you might be sorry for later. Never, I said NEVER, plug or unplug the controller when the power is on. Always turn the disk drive off before connecting or disconnecting the drive cable. When you take the cover off, to change DOSes, make sure that you and the controller are grounded. Static electricity can damage the components inside the controller. Make sure, when you insert a DOS, that pin #1 of the DOS goes into pin #1 of the socket. If you are inserting a 24 pin DOS, follow the diagram on the controller for proper placement. Pin 1 of the two sockets is closest to the computer side of the controller. When replacing the lid, do not over tighten the screws. Insert the larger of the two edge connectors into the computer with the writing side up. Insert the drive cable into the smaller of the two edge connectors. Pin # 1 of this connector is on the opposite side of the switch. If the edge contacts get dirty, clean them with a swab and a little lighter fluid.

## OPERATION:

The DOS memory map area is from \$C000 to \$FEFF for the COCO I & II and from \$C000 to \$FDFE for the COCO III. Under normal operations this area contains a DOS chip. The first socket (DOS 1) can be a straight Radio Shack DOS or any other DOS that fits in a 24 pin ROM or a 28 pin EPROM, a 2764, or 27128. There are three jumpers on one side of this socket. These jumpers determine what chip can be inserted into the socket. For a 24 pin ROM, set the jumpers as far away from the white markers. For a 28 pin EPROM, set the jumpers close to the white markers. The second socket (DOS 2) will support a 28 pin EPROM only. To switch from one DOS to another, turn off

the computer, position the switch to the desired DOS and then turn the computer back on. Turning the switch while the computer is on will not harm anything, but chances are the computer will freeze. Even if all seems well, the computer may still misbehave. If you turn the computer on and no DOS appears, turn the computer off and turn the switch.

Credits:

The DISTO MC-1, and all its documentation are conceived and designed by Tony Distefano. The DISTO MC-1 is manufactured and distributed by;

**ORDINATEURS inc.  
COMPUTERS inc.**

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