

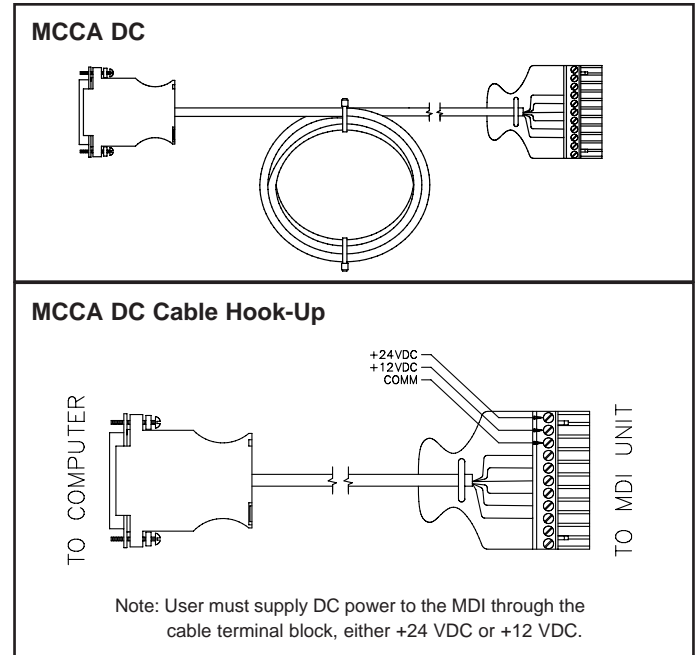
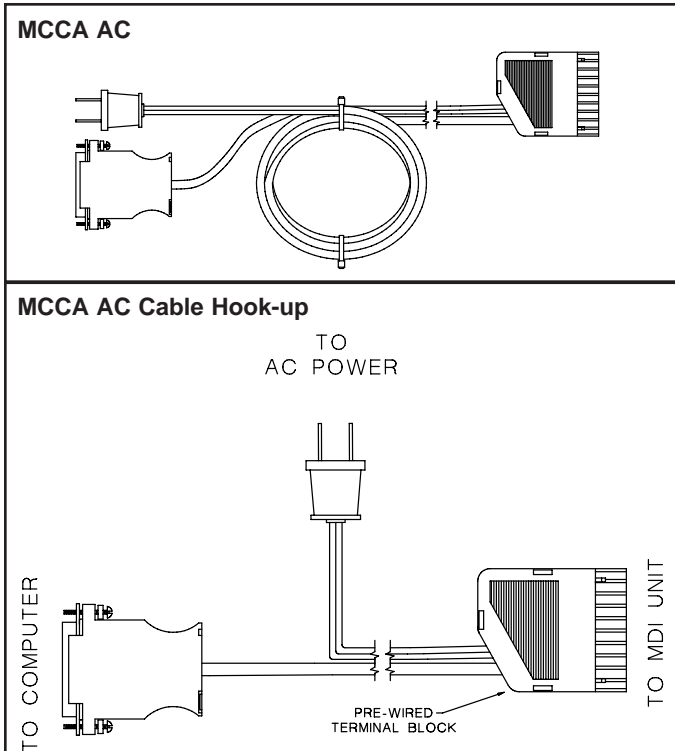
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MODEL MCCA - MESSAGE CENTER COMMUNICATIONS ADAPTER (SERIAL COM-PORT TO 20 mA CURRENT LOOP)

- PROVIDES SERIAL COMMUNICATIONS BETWEEN THE RS232 SERIAL COMMUNICATIONS PORT OF AN IBM® PC COMPATIBLE COMPUTER AND AN APOLLO MESSAGE CENTER UNIT
- ISOLATED 20 mA SERIAL COMMUNICATION CURRENT LOOP
- FULLY ENCLOSED DURABLE PLASTIC CASE



DESCRIPTION

The MCCA allows easy hook-up between an IBM® PC compatible computer and an Apollo Message Center unit.

The cable assembly has a D-type 25-pin receptacle connector that plugs into the computer's serial port and a pre-wired terminal block which plugs into a Message Center unit. The AC adapter version has a 10 position terminal block and the DC version has an 11 position terminal block.

The isolated 20 mA current loop wires are connected to the terminal block, ready to be plugged into the appropriate Message Center unit.

The MCCA AC version adapter has a two prong AC cord connected to the terminal block to power the Message Center unit. Before applying power to the Message Center unit, make sure the voltage selector switch is set for the proper voltage position (115 or 230).

Note: Reference Message Center manual for voltage selector switch settings.

The MCCA DC version adapter has NO wires connected to the first three positions of the terminal block. An external DC power source must be supplied and connected by the user, to power a DC version Message Center unit.

Note: Reference Message Center manual for power requirements and connections.

Connection for the RS-232 loop is made via a D-Type 25-pin receptacle connector. In some cases a 9 to 25 pin connector adapter may be required to connect to the computer's comport.

The data format and baud rate must be identical between the computer and the Message Center unit for the data to be interpreted correctly.

Note: Reference Message Center manual for DIP switch settings.

The MCCA AC or DC version adapters can be used in place of a GCM232 module which normally requires an external supply. Using an MCCA adapter eliminates additional wiring and is delivered ready to be connected to the appropriate equipment.

SPECIFICATIONS

1. POWER:

Message Center Transmit Loop: Power to the transmit loop of the Message Center is supplied by the computer at either pin 4 (RTS), pin 20 (DTR), or both. A 3-15VDC voltage on either or both of these pins is required for proper operation.

Message Center Receive Loop: Supplied by Message Center unit.

2. CABLE LENGTH: 6 Ft. (1.8 M)

3. BAUD RATE: 19200 max.

4. OPERATING TEMPERATURE: 0°C to 50°C

5. CASE DIMENSIONS:

0.50" H x 2.00" W x 2.37" L

1.27cm H x 5.08cm W x 6.03cm L

ORDERING INFORMATION

MODEL NO.	DESCRIPTION	PART NUMBER
MCCA	AC Communications Adapter	MCCA0000
	DC Communications Adapter	MCCA1000

Note: The adapter will only operate with Apollo Message Center User Software versions 2.30 or later.