

# How to Connect a CM9760-MDA to the CM6800-48X8

**HELPFUL TIPS FOR PELCO PRODUCTS**

Tip No.: 01-3057

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Product Affected: CM6800-48X8 Matrix Switcher

**PROBLEM:** How to connect a CM9760-MDA Master Distribution Amplifier to the Matrix Switcher.

**SOLUTION:** Refer to Figure 1 and the instructions below.

1. Program the CM9760-MDA. Use the PC Setup Program that is shipped with the CM9760-MDA system. Refer to the CM9760-MDA Master Distribution Amplifier Installation/Operation Manual for instructions.

You must access the Time and Date programming screen to select the appropriate time and date style settings. These settings must match the settings programmed in the CM6800-48X8, as described in Table A.

*NOTE: The KBD960 keyboard cannot be used to program the CM9760-MDA.*

2. After programming the CM9760-MDA, disconnect the PC so that the COM 1 port on the CM9760-MDA is available for connecting the unit to the CM6800.

*NOTE: As described in the CM9760-MDA Installation/Operation Manual, you must change DIP switch settings to RS-232 operation in order to connect the MDA to a PC in step 1. After disconnecting the PC you must change the MDA DIP switch settings. The MDA can be set for either RS-422 or RS-485 operation in order to connect the MDA to the CM6800.*

3. Using an RJ-45 straight cable (supplied with the CM6800), connect the COM 1 port on the CM9760-MDA to the COM 4, 7, or 8 port on the rear panel of the CM6800-48X8.
4. To daisy-chain additional CM9760-MDA units, connect the COM 2 port on the first CM9760-MDA to the COM 1 port on the next CM9760-MDA with an RJ-45 straight cable (two straight cables are supplied with the CM6800; additional cables must be supplied by user as needed).

5. After completing system installation and power-up, you must complete the following configuration steps for the CM6800:

- Access the CM6800 Port programming screen to select the CM9760-MDA as the device for the appropriate port (4, 7, or 8).
- Access the Time and Date programming screen to select the appropriate time and date style settings. These settings must match the settings programmed in the CM9760-MDA, as described in Table A.

*NOTE: Once the MDA is connected to the CM6800, changing the time on the CM6800 Time and Date programming screen will update the time setting in the MDA. If you are using the CM6800-MGR, the time setting in the MDA is updated when the clock rolls over to the next minute.*

Refer to the CM6800-48X8 Matrix Switcher/Controller Installation/Operation Manual for programming instructions.

Table A

CM6800	CM9760-MDA
Date format field (FORMAT) Possible values*: DD/MM/YY MM/DD/YY * 4 additional formats are available for the CM6800, but since the date format must match the format used on the CM9760-MDA, you must select either of the options listed here.	Date format field (STYLE) Possible values: DD-MM-YY MM-DD-YY
Time format field (STYLE) Possible values: 24Hr AM/PM (12 Hr)	Time format field (TYPE) Possible values: 24 HOUR 12 HOUR

Refer to the following manuals for detailed installation and operating instructions:

- CM6800-48X8 Matrix Switcher/Controller Installation/Operation Manual
- CM9760-MDA Master Distribution Amplifier Installation/Operation Manual

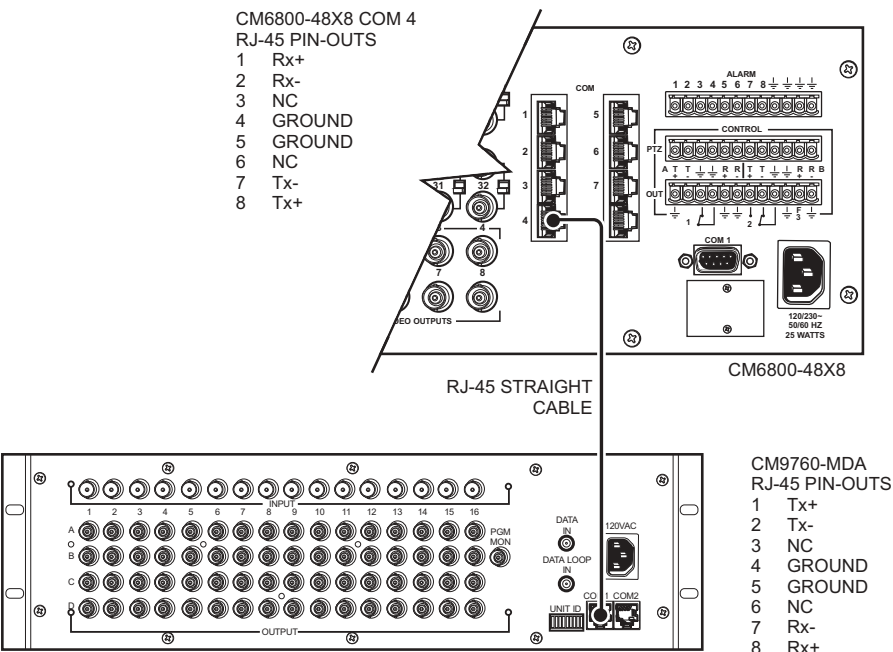


Figure 1