

DM-MD6X1

DigitalMedia™ Switcher

1 Before Starting



CAUTION: Do not connect power cords until instructed to do so.

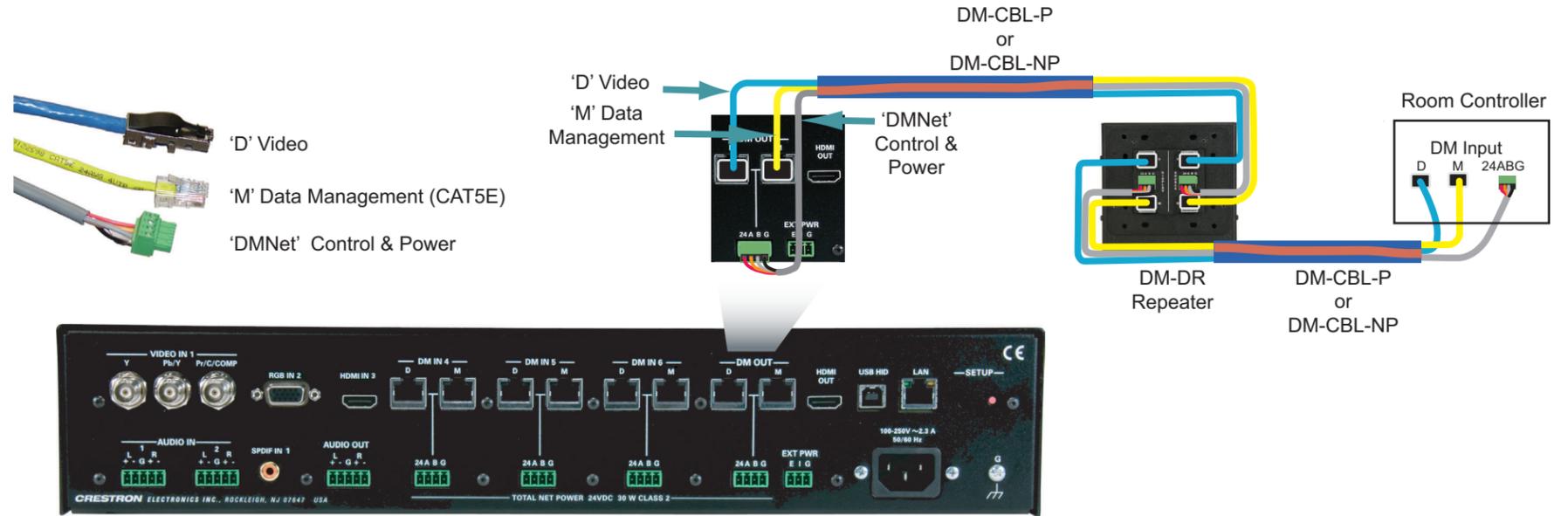
NOTE: Before beginning any of these QuickStart procedures, make certain that all DigitalMedia™ cables are installed throughout the home.

2 Connect DigitalMedia Room Controllers and Repeaters

A. Using a DigitalMedia™ cable (DM-CBL-P or DM-CBL-NP), connect the switcher output directly to a DM-RMC-100 Room Controller, or, if required, first connect to a DM-DR Repeater and then connect the output of the DM-DR to a DM-RMC-100. The illustration immediately to the right shows the special connectors used for the three cables contained within the DigitalMedia cable. The illustration at the far right shows a typical wiring configuration for the switcher's single DM output port. (The output can support a maximum of up to three repeaters and one room controller.)



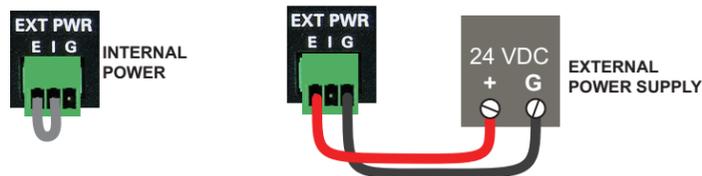
B. For detailed instructions on operation and setup of the DM-DR Repeater and the DM-RMC-100 Room Controller, refer to the latest version of their respective Operations & Installation Guides (Doc. 6745 and Doc. 6743).



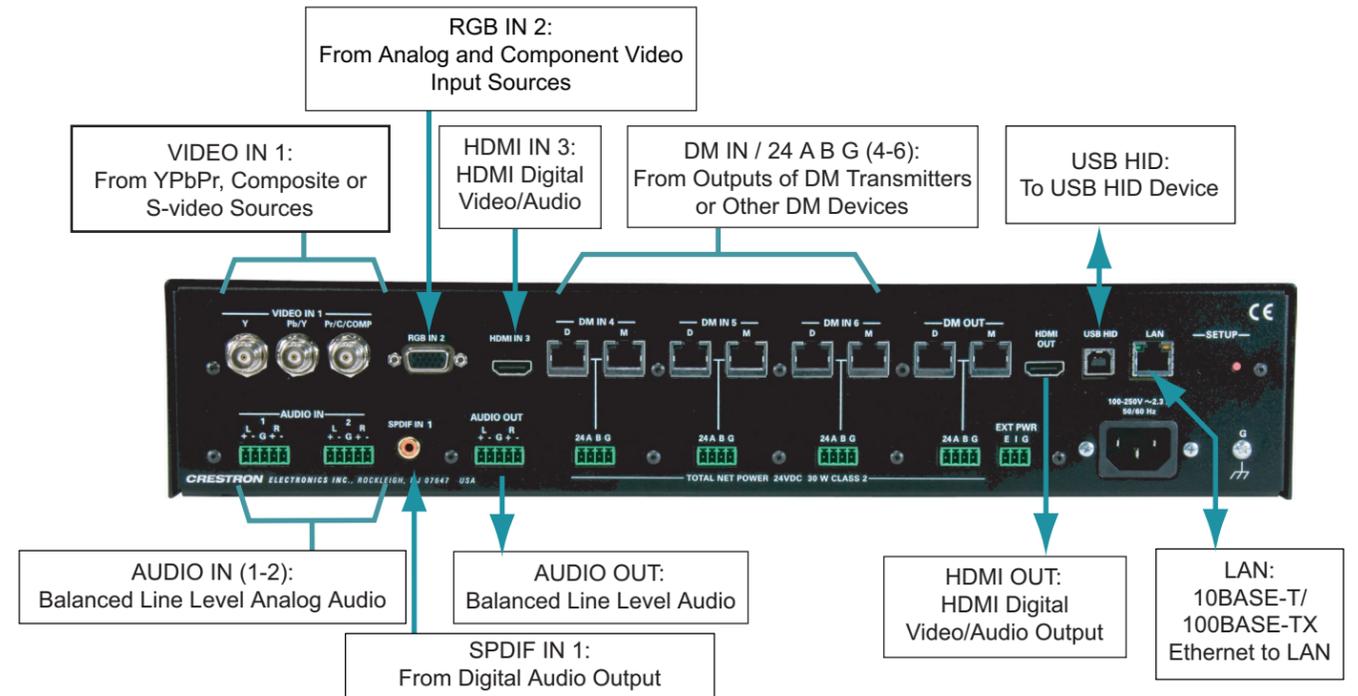
3 Connect DigitalMedia Device Power Source

NOTE: If a DM switcher, or other DM device supplying power, is connected to a **DM IN 4-6** port of the DM-MD6X1, then the **+24V** wire between the DM device and the DM-MD6X1 must be disconnected. The **A B G** wires must remain connected.

- A. The switcher can supply up to 30 watts of internal power to connected room controllers repeaters and transmitters up to their rated level.
- B. Ensure that the EIG jumpers are installed and wired between **E** and **I** for internal power to be routed to the connected devices. If power is not being supplied to an external device, make sure the jumper is not connected.
- C. If the devices to be connected (both input and output) will require more power than is available from the switcher, connect them to an external 24 VDC supply (that can supply the required power) by connecting the **E** and **G** terminals of the EIG connector to the **+** and **G** terminals of the (unpowered) external supply. (Refer to the illustration.)



4 Connect Other Inputs and Outputs



5 Apply Power

NOTE: The switcher does not have a power switch. Power is applied to the unit by plugging in its power cords.

- Connect the AC power cord to the switcher. Then connect the power cord to AC power.
- Connect power to any external 24VDC supplies that were connected in Section 3.

7 Configure the IP Address

The switcher is supplied in DHCP mode and automatically configures the IP addresses of connected devices.

With a PC connected via USB to the **COMPUTER** port, use the Crestron Toolbox™ “System Info” window to set static IP addresses for the transmitter and room controller or DM switcher. Refer to the Toolbox help file for details.

NOTE: When a PC is connected to the USB port, the **USB HID DISABLED** red LED indicates that HID functionality is disabled.

When the switcher is in DHCP mode, all connected transmitters and room controllers are set to DHCP mode.

When the switcher is in Static mode, all connected transmitters and room controllers are set to Static mode. Settings are:

- +4 for DM4
- +5 for DM5
- +6 for DM6
- +17 for DM OUT

For example, if the switcher is set to 192.168.1.100, devices connected to **DM OUT** will be set to 192.168.1.117

6 Select Input Sources

Use the front panel controls to route input sources to the output.

- Press **ROUTE**, then press the desired **INPUTS** button to select the signal type(s) you wish to route. The corresponding LED will light.
- If necessary, press the **RESET** button to reboot the unit. All settings are retained.

NOTE: Out-of-the-box, if analog audio and digital audio inputs are both connected, the switcher automatically selects the digital audio for routing. Programming can allow you to choose between the two input signals.

NOTE: The **SYNC** LED is valid only for the last routed local source and the DM IN source.

