

DigitalMedia™ Distribution Centers

The Crestron® [DM-MD6X4](#) and [DM-MD6X6](#) DigitalMedia™ Distribution Centers direct multiple high-definition sources to up to four rooms (DM-MD6X4) or up to six rooms (DM-MD6X6) as part of a complete Crestron system.



In the Box

- 1 DM-MD6X4 or DM-MD6X6, DigitalMedia Distribution Center

Additional Items

- 2 Bracket, Rack Ear (2029724)
- 4 Foot, 0.5 in. x 0.5 in. x 0.23 in., Adhesive (2002389)
- 1 Cable, Power, 6 ft 7 in. (2m) (2001134)



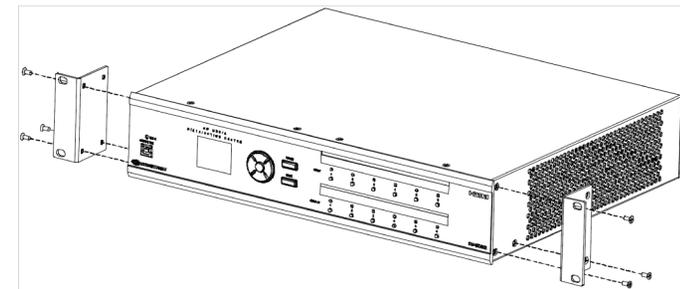
Install the Device

The device can be mounted into a rack or placed on a flat surface.

Mount into a Rack

To install the included rack ears:

1. Use a #1 or #2 Phillips screwdriver to remove the three screws from each side of the front of the device as shown in the following illustration.
2. Use the screwdriver and the screws removed in step 1 to attach the included rack ears to the device.



Place on a Flat Surface

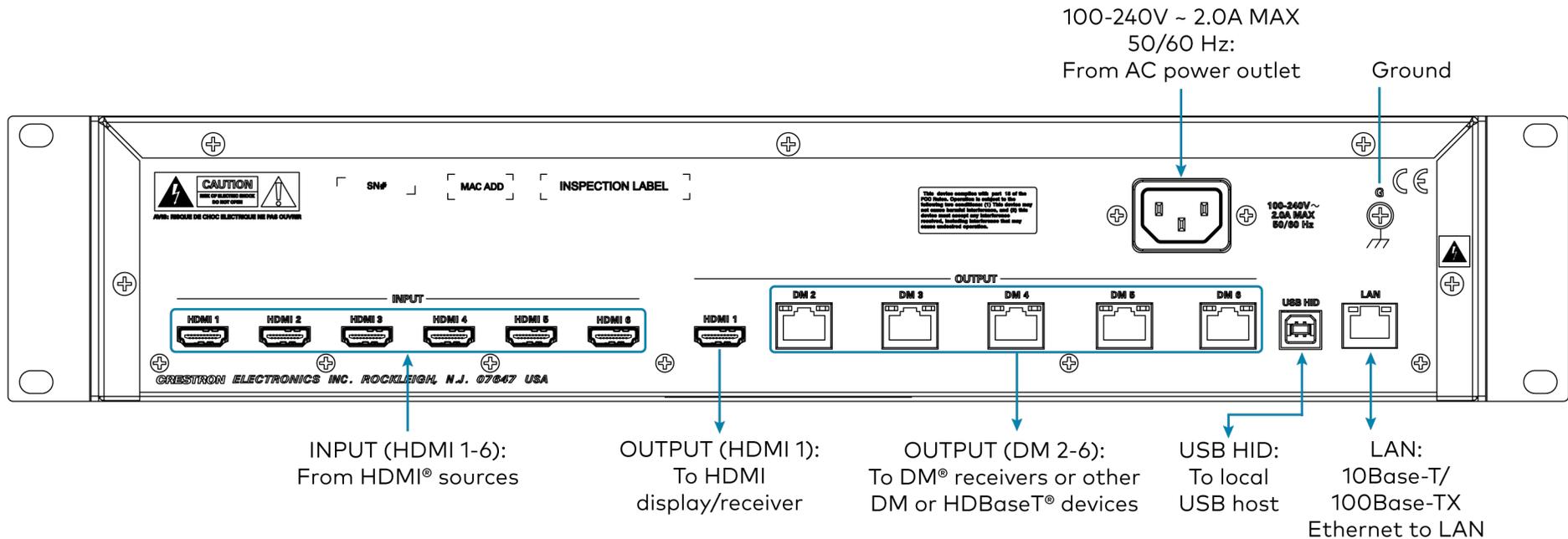
Attach the included feet near the corners on the underside of the device before placing the device onto a flat surface or stacking it with other equipment.

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Connect the Device

Connect the device as called out in the illustration below. Refer to the information that follows.

Rear Panel Connections (DM-MD6X6 Shown)



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HDMI® Input Connections

Use HDMI cables to connect up to six HDMI digital video/audio devices to the HDMI input connectors (**HDMI 1** to **HDMI 6**).

HDMI Output Connection

Use an HDMI cable to connect an HDMI digital video/audio device to the HDMI output connector (**HDMI 1**).

DM 8G+® Output Connections

Connect up to three (DM-MD6X4) or five (DM-MD6X6) Crestron DigitalMedia 8G+® receivers/room controllers to the DM 8G+ output connectors (**DM 2** to **DM 4** on the DM-MD6X4 or **DM 2** to **DM 6** on the DM-MD6X6). HDBaseT® Alliance-certified display devices can also be connected without requiring any DM® receivers.

For DM 8G+ or HDBase T wiring up to 330 feet (100 meters) between devices, use Crestron DM-CBL-8G DigitalMedia 8G™ cable or generic CAT5e (or better) UTP or STP.

NOTE: Shielded cable and connectors are recommended to safeguard against unpredictable environmental electrical noise that may impact performance at resolutions above 1080p.

USB HID Connection

Use a USB cable with a type B female connector to connect a host computer or other USB HID-compliant host to the **USB HID** port.

LAN Connection

Use an RJ-45 cable to connect the 8-pin **LAN** port to the 10BaseT/100Base-TX Ethernet network.

Power Connection

NOTE: The DM-MD6X4 and DM-MD6X6 do not have a power switch. Power is applied to the device when the supplied power cable is connected to an AC power source.

Connect one end of the included power cable to the device and the other end to an AC power source.

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Configure the Device

Use the front panel controls to configure the device.

Access Installer Mode

1. Ensure that the home screen is displayed. If it is not displayed, press the **HOME** button.

Home Screen (DM-MD6X6 Shown)



After 30 seconds of inactivity, the device times out, returns to the Home screen, and dims the LCD.

2. Press the **BACK** button. The Installer password screen is displayed.

Installer Password Screen



3. Enter the four-digit password. (The default password is **1234**.) To enter a digit, do either of the following:
 - If the digit ranges from 1-6, press the corresponding **INPUT** or **OUTPUT** button.
 - If the digit is 0 or ranges from 7-9, use the navigation pad as follows:
Press the Up or Down navigation button as necessary until the desired digit appears between the brackets, and then press the Select button in the center of the navigation pad.

After the fourth digit is entered, the Installer menu is displayed.

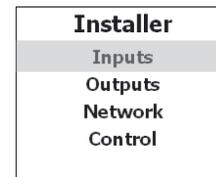
Set Input and Output Names (Optional)

For inputs 1-6, the default names are **Input 1**, **Input 2**, and so on. For outputs 1-4 (DM-MD6X4) or outputs 1-6 (DM-MD6X6), the default names are **Output 1**, **Output 2**, and so on.

To change an input name:

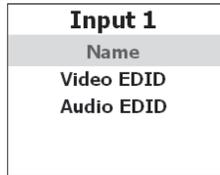
1. In the **Installer** menu, navigate to **Inputs** if it is not already highlighted, and then press the Select button on the navigation pad.

Installer Menu



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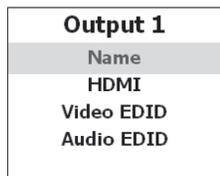
The **Input** submenu for the currently selected input is displayed. The name of the input is shown at the top of the **Input** submenu. (The LED of the currently selected input lights.)



2. Select the desired input by pressing the appropriate **INPUT** button (1-6). The LED of the selected input lights, and the name of the input appears at the top of the **Input** submenu.
3. Navigate to **Name** if it is not already highlighted, and then press the Select button. A scrollable list of predefined source names is displayed for the input.
4. Navigate to the desired name in the list, and then press the Select button to confirm the selection. The selected name for the input is now displayed at the top of the **Input** submenu.

To change an output name:

1. In the **Installer** menu, navigate to **Outputs**, and then press the Select button.
The **Output** submenu for the currently selected output is displayed. The name of the output is shown at the top of the **Output** submenu. (The LED of the currently selected output lights.)



2. Select the desired output by pressing the appropriate **OUTPUT** button (1-4 on the DM-MD6X4 or 1-6 on the DM-MD6X6). The LED of the selected output lights, and the name of the output appears at the top of the **Output** submenu.

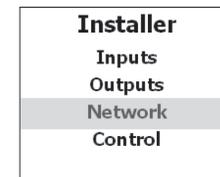
3. Navigate to **Name** if it is not already highlighted, and then press the Select button. A scrollable list of predefined room names is displayed for the output.
4. Navigate to the desired name in the list, and then press the Select button to confirm the selection. The selected name for the input is now displayed at the top of the **Output** submenu.

Configure Network Parameters

To configure network parameters:

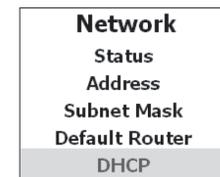
1. In the **Installer** menu, navigate to **Network**, and then press the Select button.

Installer Menu



The **Network** submenu is displayed.

Network Submenu



2. If necessary, configure DHCP (Dynamic Host Configuration Protocol). DHCP is enabled by default (set to **On**).
To disable DHCP:
 - a. Navigate to **DHCP**, and then press the Select button.
The **DHCP** configuration screen is displayed.
 - b. Navigate to **Off**, and then press the Select button.
DHCP is disabled. The screen returns to the **Network** submenu.

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3. This step is applicable only if DHCP was disabled in step 2.

If necessary, configure a static IP address, a subnet mask address, and a default router IP address. Navigate to the appropriate parameter listed in the **Network** submenu (**Address**, **Subnet Mask**, and **Default Router**), and then press the Select button. The corresponding configuration screens are displayed as shown below.

IP Address (Static) Configuration Screen

IP Address
[000] 000. 000. 000

Subnet Mask Configuration Screen

Subnet Mask
[000] 000. 000. 000

Default Router Configuration Screen

Default Router
[000] 000. 000. 000

To enter a static IP address, a subnet mask address, and a default router IP address, use the navigation pad. For each octet, press the Up or Down navigation button until the desired number appears, and then press the Select button.

After the last octet for each parameter is entered, the screen returns to the **Network** submenu.

NOTE: Changes to network parameter settings take effect when the device exits Installer mode and automatically reboots. A message is displayed on the LDC screen indicating that the device is rebooting.

Configure Control System Parameters

To connect the device to a control system, use the following procedure to configure control system parameters:

1. In the **Network** submenu, navigate to **Control System**, and then press the Select button.

Network Submenu

Network
Address
Subnet Mask
Default Router
DHCP
Control System

The **Control System** submenu is displayed.

Control System Submenu

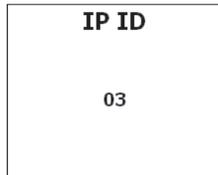
Control System
IP ID
IP Address

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2. Configure the following parameters:

- Navigate to **IP ID** if it is not already selected, and then press the Select button. The IP ID configuration screen is displayed.

IP ID Configuration Screen



The screenshot shows a rectangular screen with a white background. At the top, the text "IP ID" is centered. Below it, the value "03" is centered.

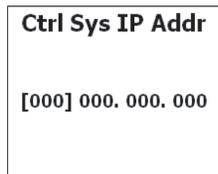
Configure the IP ID of the device. The value ranges from 03 (default setting) to FE, and it must match the IP ID specified in SIMPL Windows and the value on the control system's IP table for the DM-MD6X4 or DM-MD6X6.

In the **IP ID** configuration screen, specify the IP ID by pressing the Up or Down button on the navigation pad until the desired value appears, and then press the Select button.

The screen returns to the **Control System** submenu.

- Navigate to **IP Address**, and then press the Select button. The **Ctrl Sys IP Addr** configuration screen is displayed.

Ctrl Sys IP Addr Configuration Screen



The screenshot shows a rectangular screen with a white background. At the top, the text "Ctrl Sys IP Addr" is centered. Below it, the value "[000] 000.000.000" is centered.

Configure the IP address of the control system. For each octet in the IP address, press the UP or Down navigation button until the desired number appears, and then press the Select button.

The screen returns to the **Control System** submenu.

Exit Installer Mode

To exit Installer mode, return to the home screen by pressing the **HOME** button.

NOTE: The home screen can also be accessed by pressing the **BACK** button as necessary or by allowing the DM-MD6X4 or DM-MD6X6 to time out after 30 seconds of inactivity.

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Route the Signal

An input signal can be routed to one or more outputs simultaneously. One or more routed signals can also be disconnected simultaneously.

To route an input signal:

1. Ensure that the home screen is displayed. The DM-MD6X4 and DM-MD6X6 are in Route mode when the home screen is displayed.

NOTE: By default, the input LEDs on the DM-MD6X4 and DM-MD6X6 are not lit. The output LEDs of unrouted outputs are lit.

2. Press the **INPUT** button that corresponds to the input to be routed. **INPUT** buttons are numbered **1-6**. The LED of the selected input lights. In addition, the video and audio information for the selected input is provided on the LCD screen. The LED of each destination output this input is currently routed to also lights.
3. Press the **OUTPUT** button(s) that correspond(s) to the desired output (s).

NOTE: For the DM-MD6X4, up to four **OUTPUT** buttons, numbered **1-4**, can be pressed for the selected input. For the DM-MD6X6, up to six **OUTPUT** buttons, numbered **1-6**, can be pressed for the selected input.

The LED(s) of the selected output(s) flash. In addition, the following message appears on the LCD screen:

Press Select to Route
Press Back to Cancel

4. As indicated on the LCD screen, press the Select button to route the signal. The selected input is routed to the selected output(s). The LED of each selected output lights.

NOTE: After 30 seconds of inactivity, the DM-MD6X4 or DM-MD6X6 times out. Input LEDs that were lit become unlit. Output LEDs that were lit for routed signals also become unlit. In addition, the DM-MD6X4 or DM-MD6X6 returns to the home screen while also dimming the LCD.

To disconnect routed signals:

1. Ensure that the home screen is displayed.

NOTE: The LEDs of all routed outputs are not lit.

2. Press the **OUTPUT** button(s) that correspond to the output(s) to be disconnected. The LED of the selected output(s) flashes.
3. Press the Select button. The selected outputs are disconnected. The LED of each selected output lights.

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Visit the Product Page

Scan the QR code to visit the product page.

DM-MD6X4



www.crestron.com/model/6504420

DM-MD6X6



www.crestron.com/model/6504868

Additional Information

Original Instructions

The U.S. English version of this document is the original instructions. All other languages are a translation of the original instructions.

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