

DigitalMedia 8G+® 4K60 4:4:4 HDR Receiver and Room Controller with Scaler

The Crestron® [DM-RMC-4KZ-SCALER-C](#) is a DigitalMedia 8G+® receiver and room controller with scaler that supports full 4K60 4:4:4 and high dynamic (HDR10) video signals. Via a CATx cable, the DM-RMC-4KZ-SCALER-C connects to a DigitalMedia™ switcher or transmitter or to an HDBaseT® source. Built-in RS-232, IR, and HDMI® CEC ports enable programmable control of a display device via a control system.



In the Box

- 1 DM-RMC-4KZ-SCALER-C DigitalMedia 8G+ 4K60 4:4:4 HDR Receiver and Room Controller with Scaler

Additional Items

- 2 Connector, 4-Pin (2003576)
- 2 Connector, 5-Pin (2003577)



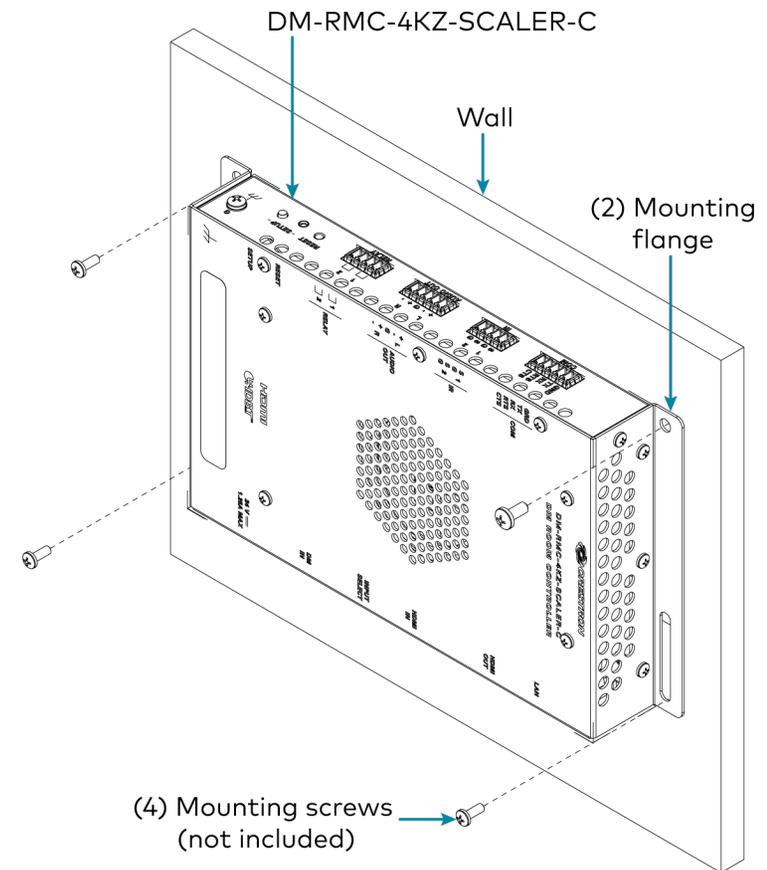
Install the Device

The DM-RMC-4KZ-SCALER-C can be mounted onto a flat surface or rack rail.

Mounting onto a Flat Surface

Using four mounting screws (not included), mount the device onto a flat surface such as a wall.

Wall Mounting



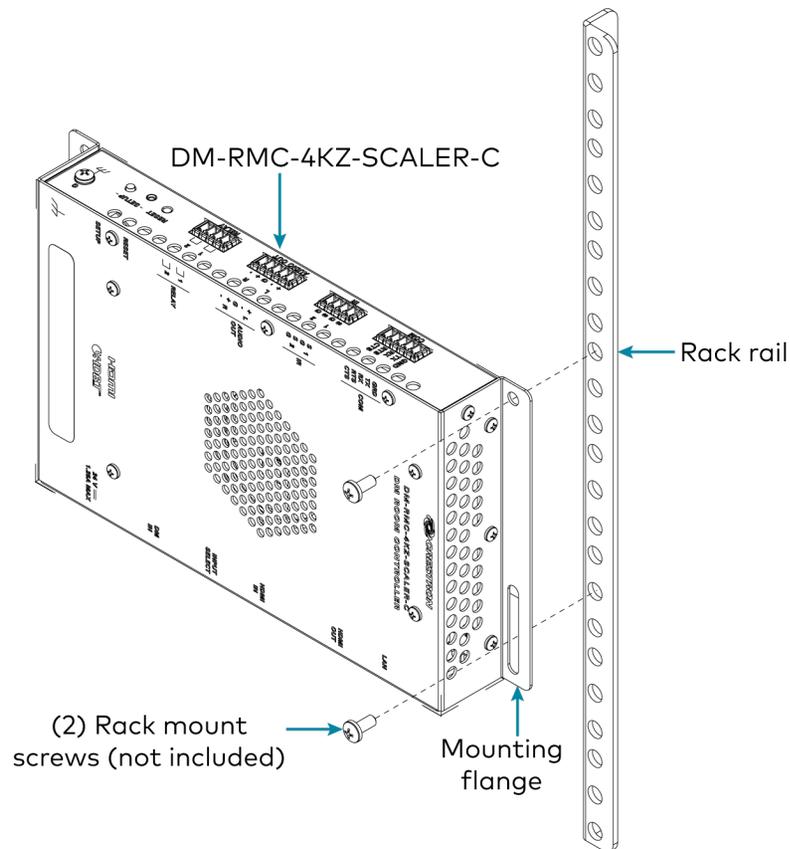
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Mounting onto a Rack Rail

The device can be mounted onto a front or rear rack rail. To mount the device:

1. Position either of the mounting flanges so that the holes align with the holes in the rack rail.
2. Secure the device to the rack rail using two rack mount screws (not included).

Rack Rail Mounting Example



Connect the Device

Connect the device as required for the application.

NOTES:

- The LAN port can be connected to an Ethernet switch only when the DM IN port does not connect to a DigitalMedia switcher.
- The DM IN port is a PoDM+ powered device (PD) port and is also compatible with HDBaseT PoE+:
 - In order for the DM IN port to receive PoDM+, the port must be connected to a DigitalMedia switcher or other DigitalMedia equipment that has a PoDM+ power sourcing equipment (PSE) port.
 - In order for the DM IN port to receive HDBaseT PoE+, the port must be connected to equipment that has a corresponding HDBaseT PoE+ PSE port.

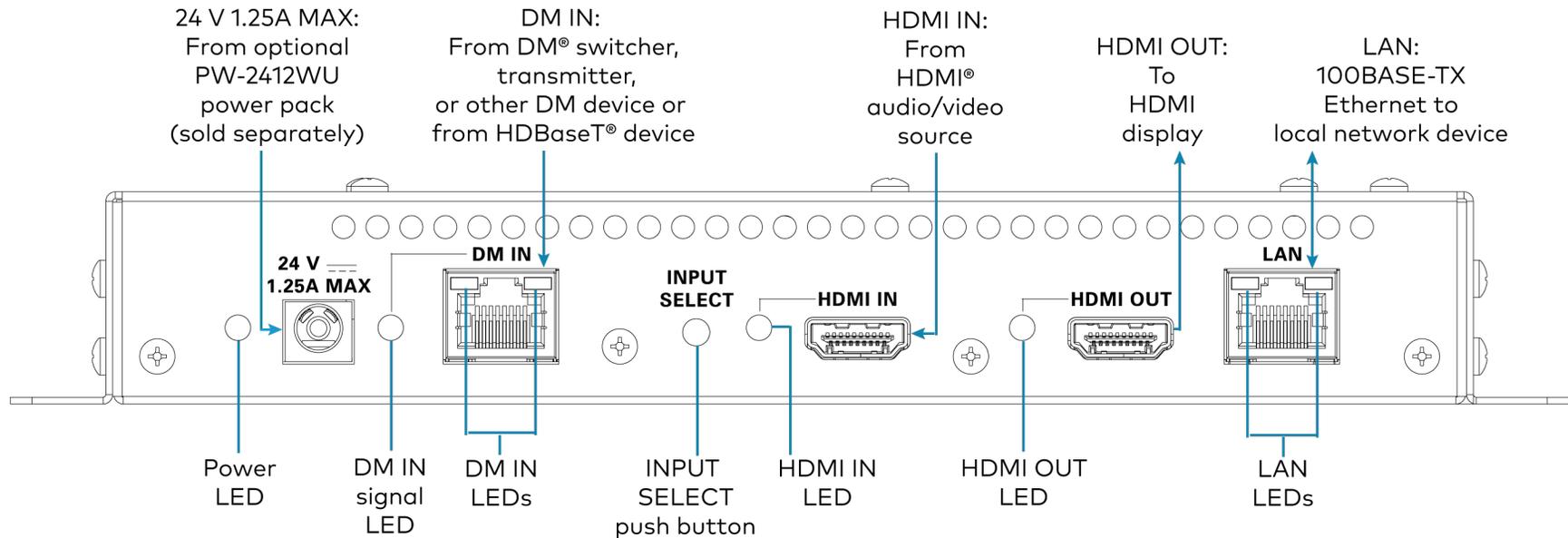
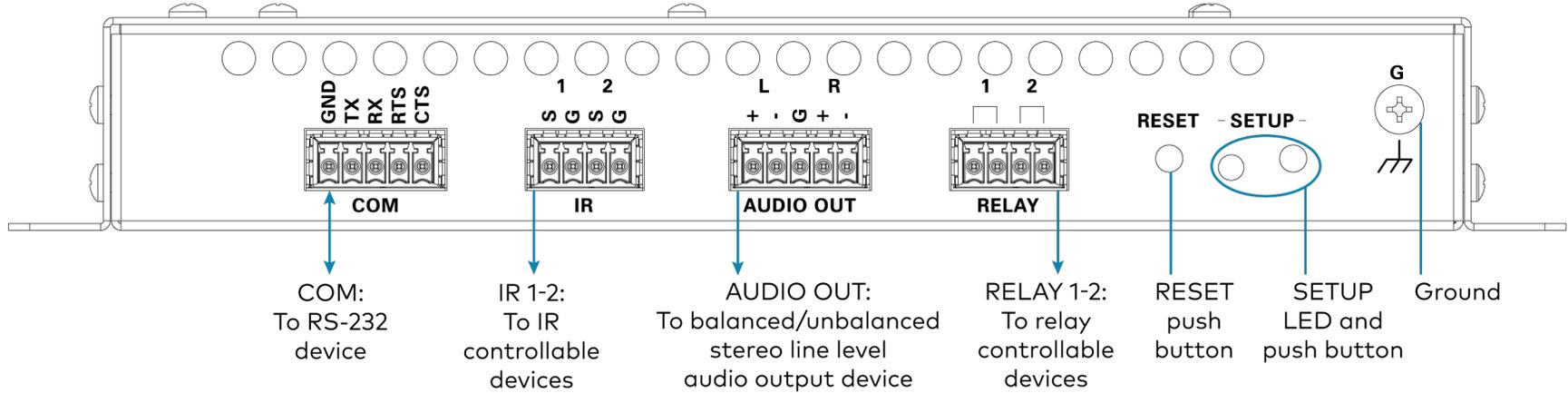
Wiring that connects to a PoDM+ or HDBaseT PoE+ port is designed for intrabuilding use only.

PoDM+, HDBaseT PoE+, or the optional [PW-2412WU](#) power pack (sold separately) can be used to power the DM-RMC-4KZ-SCALER-C.

- Connection of the CEN-SWPOE-16 to the POE IN ports of DMC-4KZ-CO-HD output cards in a DigitalMedia switcher can provide PoDM+ power to up to seven DM-RMC-4KZ-SCALER-C devices.

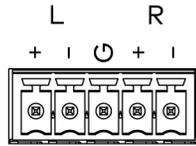
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Connections, Left and Right Sides



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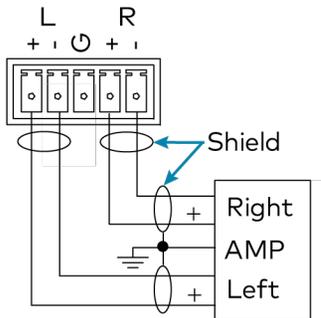
The AUDIO OUT connector uses a 5-pin terminal block for balanced or unbalanced analog audio output.



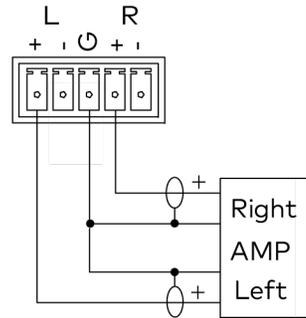
Refer to the following table and diagrams for analog audio output pin assignments and connection information.

Signal Name	Balanced Audio Output	Unbalanced Audio Output
+	L+	L+ Out
-	L-	Open
G	Shield/ground	Common ground
+	R+	R+ Out
-	R-	Open

Balanced Output



Unbalanced Output



Upgrade the Firmware

Before using the device, upgrade the firmware. The latest firmware can be downloaded from the [DM-RMC-4KZ-SCALER-C](#) product page on the Crestron website (www.crestron.com).



Determine the IP Address

The physical configuration of the DM-RMC-4KZ-SCALER-C within a DigitalMedia 8G+ system determines how the IP address of the receiver is set:

- If the DM-RMC-4KZ-SCALER-C is connected to a DigitalMedia switcher, the IP address is configured by the switcher automatically. You do not need to set the IP address.
- If the DM-RMC-4KZ-SCALER-C is connected directly to a DigitalMedia 8G+ transmitter (commonly referred to as a standalone configuration in which no DigitalMedia switcher is used), the IP address of the receiver is assigned using DHCP (Dynamic Host Configuration Protocol) by default. If you wish to assign a static IP address, do either of the following:
 - To assign the default static IP address of the receiver, hold down the SETUP button while the unit boots up. The default static IP address, which is 192.168.1.253, overwrites the current setting.
 - To manually set a static IP address other than the default address, use the Crestron Toolbox™ software.

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Select the Input

The input source can be switched automatically (default setting) or selected manually.

Automatic Switching

Automatic switching displays video from the last detected input source.

Manual Switching

To change from automatic switching to the desired video input source, press the INPUT SELECT push button. Pressing the button in succession changes the input source in the following order: **DM IN**, **HDMI IN**, and **Disable** (no input is selected). After cycling through the available input source options, pressing the INPUT SELECT button again returns to automatic switching.



Observe the LED Indicators

Refer to the following table for information about the LED indicators on the device.

LED Indicator	Color	Meaning
SETUP	Red	The SETUP button is pressed.
Power	Green	Power is being applied to the device.
DM IN signal	Solid green	A video signal is detected at the DM IN port and DM IN is the active input source.
	Flashing green	A video signal is detected at the DM IN port but DM IN is not the active input source.
DM IN port	Green	A DM or HDBaseT link is established.
	Solid amber	HDCP video is detected at the input.
	Flashing amber	Non-HDCP video is detected at the input.
HDMI IN	Solid green	A video signal is detected at the HDMI IN port and HDMI IN is the active input source.
	Flashing green	A video signal is detected at the HDMI IN port but HDMI IN is not the active input source.
HDMI OUT	Green	A video signal is detected at the output.
LAN	Green	An Ethernet link is established.
	Flashing amber	Data activity is occurring on the Ethernet link.

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Visit the Product Page

Scan the QR code to visit the product page.

DM-RMC-4KZ-SCALER-C



www.crestron.com/model/6508076

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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HDMI

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