

DM-RMC-4K-SCALER-C/DM-RMC-4K-SCALER-C-DSP 4K DigitalMedia 8G+® Receiver and Room Controller with Scaler

The Crestron® DM-RMC-4K-SCALER-C and DM-RMC-4K-SCALER-C-DSP are generally identical. For simplicity within this guide, the term “DM-RMC-4K-SCALER-C” is used except where noted.

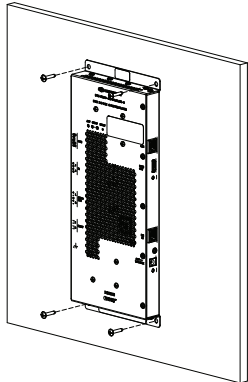
DO Install the Device

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

Mounting onto a Flat Surface

Using four mounting screws (not included), mount the device onto a flat surface such as a wall or a ceiling. Refer to illustration ❶.

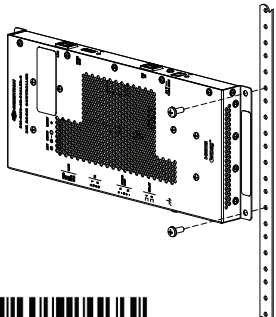
❶ Mounting onto a Flat Surface



Mounting onto a Rack Rail

The DM-RMC-4K-SCALER-C mounts onto the front or rear rail of a rack. Position either the left or right mounting flange of the device so that the holes align with the holes in the rack. Then, secure the device to the rack using two rack mounting screws (not included). Refer to illustration ❷.

❷ Mounting onto a Rack Rail



DO Check the Box

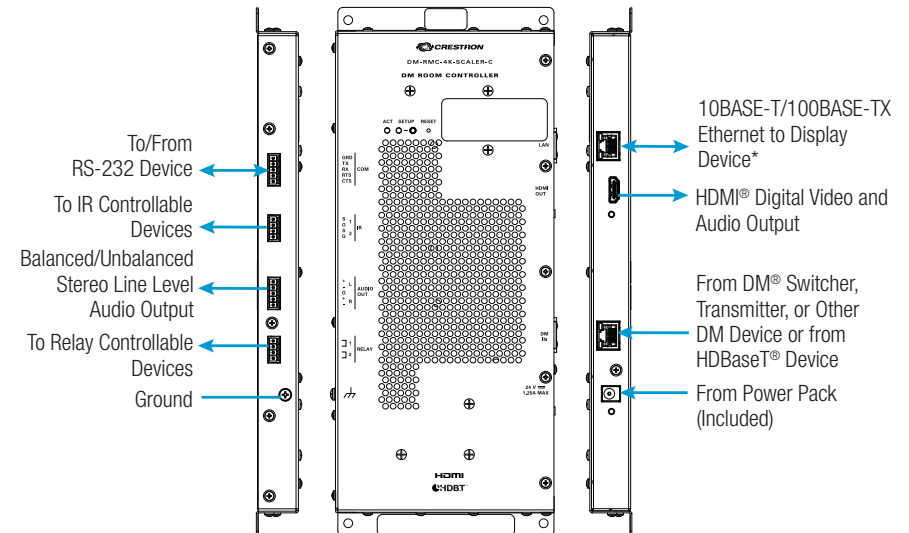
QTY	PRODUCT	PART NUM.
1	Power Pack, 24 Vdc 1.25 A, 100-240 Vac	2045870
2	Connector, 4-Pin	2003576
2	Connector, 5-Pin	2003577

Not Included: Cables, Mounting Screws

DO Connect the Device

Make connections to the DM-RMC-4K-SCALER-C as required for the application. Refer to illustration ❸.

❸ Connecting the Device



*Do not connect the LAN port to an Ethernet switch if the DM IN port connects to a DM switcher. If the DM IN port does not connect to a DM switcher, the LAN port can connect to an Ethernet switch.

For information about AUDIO OUT pin assignments, refer to illustration ❹. For information about LAN connector pin assignments, refer to illustration ❺. For information about DM IN wiring, refer to illustration ❻.

❹ AUDIO OUT Pin Assignments

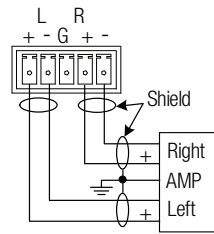


SIGNAL NAME	BALANCED AUDIO OUTPUT	UNBALANCED AUDIO OUTPUT
+	L+	L+ Out
-	L-	Open
G	Shield/Ground	Common Ground
+	R+	R+ Out
-	R-	Open

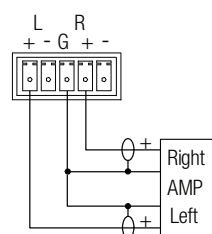
Refer to the wiring diagrams on the following page.



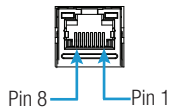
Balanced Output



Unbalanced Output

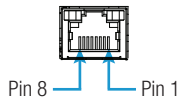


5 LAN Connector Pin Assignments



PIN NUM.	SIGNAL	PIN NUM.	SIGNAL
1	TX+	5	N/C
2	TX-	6	RX-
3	RX+	7	N/C
4	N/C	8	N/C

6 DM IN Wiring



PIN NUM.	WIRE COLOR	PIN NUM.	WIRE COLOR
1	Orange/White	5	Blue/White
2	Orange	6	Green
3	Green/White	7	Brown/White
4	Blue	8	Brown

The DM IN port is a PoDM+ (Power over DM) PD (Powered Device) port. To receive PoDM+, the DM-RMC-4K-SCALER-C requires a connection to a DigitalMedia™ switcher or other equipment that has a PoDM+ PSE (Power Sourcing Equipment) port. Any wiring that is connected to a PoDM+ PSE port is for intrabuilding use only and should not be connected to a line that runs outside of the building in which the PSE is located.

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

NOTE: Connection of the DM-RMC-4K-SCALER-C to the included power pack is not required when PoDM+ is used to power the device.

DO Set the IP Address

The configuration of the receiver within the DigitalMedia 8G+® system determines how the IP address of the receiver is set:

- If the receiver connects to a DigitalMedia switcher, the receiver is configured by the switcher automatically.
- If the receiver connects to a DigitalMedia 8G+ transmitter, the receiver uses its own configuration settings. By default, DHCP (Dynamic Host Configuration Protocol) is enabled. If assignment of the default IP address to the receiver is desired, hold down the **SETUP** button while the unit boots up. The default IP address overwrites the current setting. The default IP address of the DM-RMC-4K-SCALER-C is 192.168.1.221, and the default IP address of the DM-RMC-4K-SCALER-C-DSP is 192.168.1.222. To manually set a different IP address, use the Crestron Toolbox™ application.

DM-RMC-4K-SCALER-C



DM-RMC-4K-SCALER-C-DSP



DO Learn More

Visit the website for additional information and the latest firmware updates. To learn more about this product, use a QR reader application on your mobile device to scan the QR images.

Crestron Electronics

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As of the date of manufacture, the product has been tested and found to comply with specifications for CE marking.

Federal Communications Commission (FCC) Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Industry Canada (IC) Compliance Statement

CAN ICES-3(B)/NMB-3(B)

The specific patents that cover Crestron products are listed at <http://www.crestron.com/legal/patents>.

Product warranty can be found at www.crestron.com/warranty.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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