

RMC3 3-Series® Room Media Controller

DO Install the Device

The Crestron® RMC3 can be mounted onto a flat surface or a standard DIN rail using the included mounting bracket. The RMC3 is shipped with the mounting bracket attached.

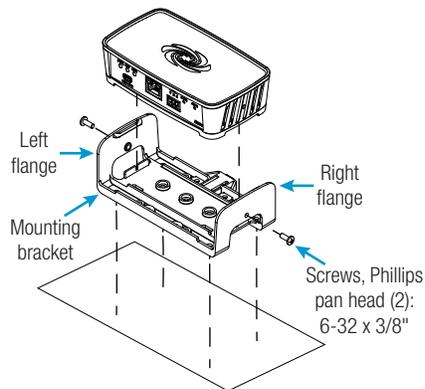
CAUTION: To prevent overheating, do not operate this product in an area that exceeds the environmental temperature range listed on the product web page.

NOTE: Rack mount and pole mount kits (sold separately) are also available as mounting options for the RMC3.

Surface Mounting

To mount the RMC3 onto a flat surface, use the following procedure. (Refer to the image below.)

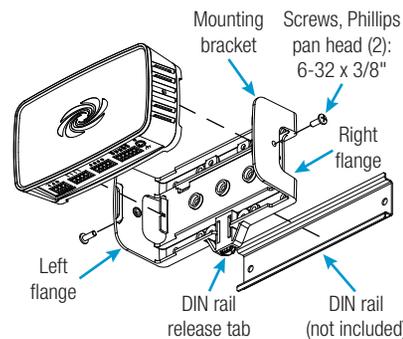
1. Detach the RMC3 from the mounting bracket by pulling the left and right flanges of the bracket outward to release the tabs that hold the RMC3 in place.
2. Attach the mounting bracket to the flat surface using the four mounting holes in each corner of the bracket and the appropriate mounting screws (not included).
3. Align the slots on the bottom of the RMC3 with the RMC3 mounting tabs on the bracket, and then press the RMC3 into the bracket until the RMC3 snaps into place.
4. (Optional) Secure the RMC3 in the mounting bracket by screwing the two included 6-32 x 3/8" Phillips pan head screws into the holes on the left and right of the assembly.



DIN Rail Mounting

To mount the RMC3 onto a DIN rail, use the following procedure. (Refer to the image below.)

1. Detach the RMC3 from the mounting bracket by pulling the left and right flanges of the bracket outward to release the tabs that hold the RMC3 in place.
2. Using a flat-head screwdriver, pull the DIN rail release tab downward.
3. Position the DIN rail mounting tabs (located on the rear of the bracket, not shown) over the top edge of the DIN rail, and then push the DIN rail release tab upward to lock the mounting bracket onto the rail.
4. Align the slots on the bottom of the RMC3 with the RMC3 mounting tabs on the bracket, and then press the RMC3 into the bracket until the RMC3 snaps into place.
5. (Optional) Secure the RMC3 in the mounting bracket by screwing the two included 6-32 x 3/8" Phillips pan head screws into the holes on the left and right of the assembly.



DO Make Connections

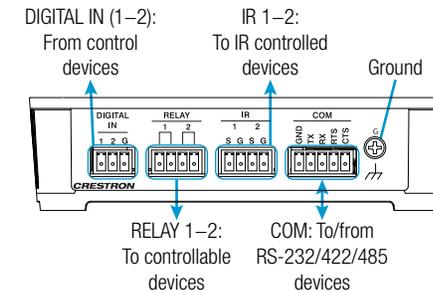
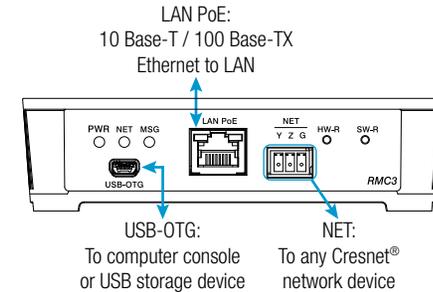
Make any necessary connections as called out in the diagrams to the right. Apply power after all connections have been made.

NOTE: A power supply is not included. The device requires a PoE injector or a PoE switch (both sold separately).

DO Check the Box

QTY	PRODUCT	COLOR	PART NUM.
1	Adapter, USB to USB Mini		2037338
1	Bracket, Mounting, Integrated DIN Rail Clip	Black	4519035
1	Cable, USB 2.0, A - Mini B, 6' 6" (2 m)	Black	2025146
2	Connector, 3-Pin		2003575
2	Connector, 4-Pin		2003576
1	Connector, 5-Pin		2003577
2	Screw, 6-32 x 3/8", Pan Head, Phillips	Black	2007225

NOTE: Ensure the unit is properly grounded by connecting the chassis ground lug to an earth ground (building steel).



COM 1 Connections

PORT	RS-232	RS-422 ¹	RS-485
GND	GND	GND	GND ²
TX	TX (from RMC3)	TX- (from RMC3)	TX-/RX-
RX	RX (to RMC3)	RX+ (to RMC3)	Not Used
RTS	RTS (from RMC3)	TX+ (from RMC3)	TX+/RX+
CTS	CTS (to RMC3)	RX- (to RMC3)	Not Used

1. RS-422 transmit and receive are balanced signals requiring two lines plus a ground in each direction. RXD+ and TXD+ should idle high (going low at start of data transmission). RXD- and TXD- should idle low (going high at start of data transmission). If necessary, RXD+/RXD- and TXD+/TXD- may be swapped to maintain correct signal levels.

2. A ground terminal connection is recommended but not required.



DO Configure the Control System

The RMC3 can be configured using the Crestron Toolbox™ software and the built-in, web-based setup tool.

1. Use Crestron Toolbox to set the time zone. For details, refer to the embedded Crestron Toolbox help file.
2. Use the Internet Explorer® web browser to navigate to <http://xxx.xx.xx.xxx/setup>, where xxx.xx.xx.xxx is the IP address of the control system. The control system's welcome screen displays.



NOTE: The web-based setup tool is accessible only from Internet Explorer.

NOTE: If a security warning is displayed, click **Install** to continue. Click **Setup** to display the **RMC3 Setup** menu.

3. The **RMC3 Setup** menu displays the IP address, the hostname, and the MAC address of the device. This menu also provides access to various setup and programming screens.



4. From the **RMC3 menu**, click the following options to configure the control system:

- **Ethernet Setup** configures the RMC3's Ethernet settings and displays DHCP, hostname, IP address, subnet mask, default router, domain, and MAC address settings. In the **Ethernet Setup** menu, there are additional options:
 - Click **Advanced Settings** to specify DNS servers, web server settings, and SSL settings.
 - Click **MyCrestron Dynamic DNS** to configure the myCrestron.com Dynamic DNS service.

- Click **Ethernet Diagnostics** to test Ethernet communications.
- Click **Reboot** to reboot the RMC3.

- **Application Setup** selects programs to be loaded on startup and controls what programs are running.
- **Input/Output Control** configures the COM ports, operates the relays, and monitors the digital inputs.
- **Diagnostics** displays information about the connected devices, hardware configuration, and error logs.
- **About** displays firmware information.

Click the back (⏪) button to return to the previous screen.

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 image.

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.



This product is Listed to applicable UL Standards and requirements by Underwriters Laboratories Inc.

Ce produit est homologué selon les normes et les exigences UL applicables par Underwriters Laboratories Inc.

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

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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