

HD-TX/HD-RX 101 Series DM Lite Transmitters and Receivers

DO Install the Device

The Crestron® HD-TX/HD-RX 101 Series consists of transmitters and receivers that are available as surface-mount devices and wall plates. The surface-mount devices consist of the HD-TX-101-C-E and HD-TXC-101-C-E transmitters and the HD-RX-101-C-E and HD-RXC-101-C-E receivers. The wall plates consist of the HD-TX-101-C-1G-E and HD-TXC-101-C-1G-E transmitters and the HD-RX-101-C-1G-E and HD-RXC-101-C-1G-E receivers.

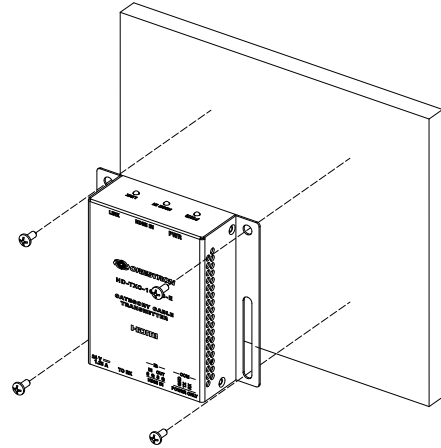
Install the Surface-Mount Device

Mount the device onto a flat surface or rack rail.

Mount onto a Flat Surface

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

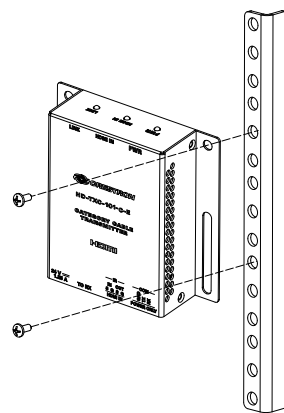
Wall Mounting



Mount onto a Rack Rail

Mount the device 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 mounting screws (not included).

Rail Mounting



Install the Wall Plate

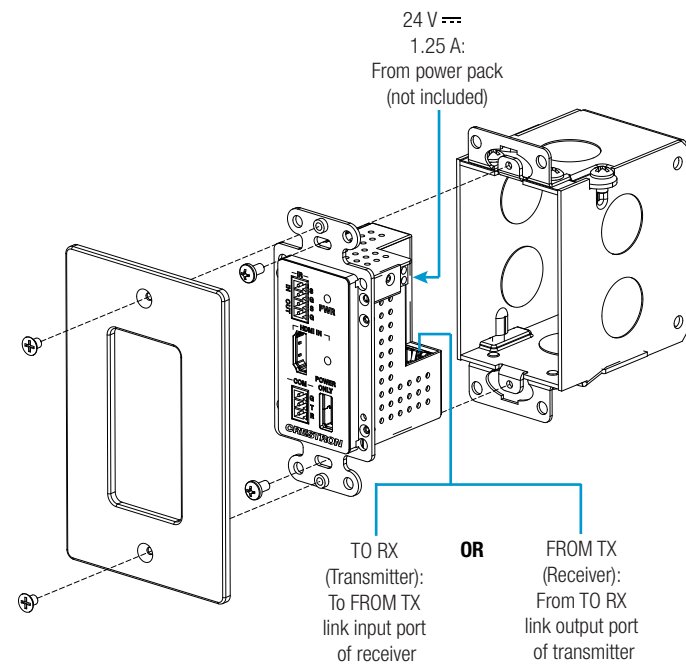
Install the wall plate into a 1-gang electrical box (not included):

- Connect the rear of the wall plate by doing either of the following:
 - If the wall plate is a transmitter, connect the TO RX port.
 - If the wall plate is a receiver, connect the FROM TX port.

NOTES:

- For the 24 Vdc power connection, connect a power pack to either a transmitter or receiver. Do not connect a power pack to both devices simultaneously. Power is transmitted over the cable that connects the TO RX port on the transmitter to the FROM TX port on the receiver.
 - Power packs are not included with the wall plates but are included with the surface-mount devices. When a wall plate connects to a surface-mount device, power both devices by connecting the included power pack to the surface-mount device.
 - Cabling that connects the TO RX port to the FROM TX port is designed for intrabuilding use only.
- Using a Phillips screwdriver (not included), attach the device to the electrical box using the two included #6-32 x 3/4 inch truss combo head screws.
 - Attach a Crestron FP-G1 Series decorator-style faceplate (sold separately) to the front panel of the device using two screws (not included).

Installation into Electrical Box



DO Check the Box

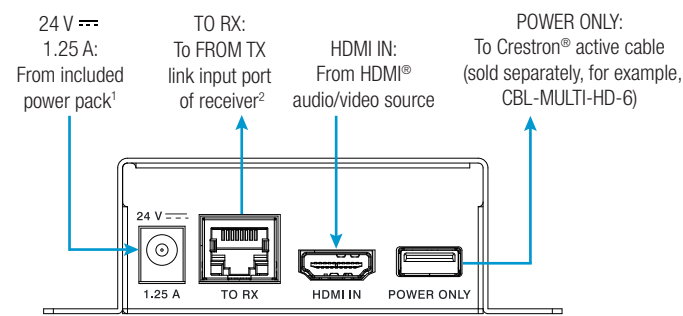
QUANTITY	ITEM	PART NUMBER
1	HD-TX-101-C-E and HD-RX-101-C-E Power Pack, 24 Vdc 1.25 A, 100-240 Vac	2045870
1	HD-TXC-101-C-E and HD-RXC-101-C-E Connector, 3-Pin	2003575
1	Connector, 4-Pin	2003576
1	Power Pack, 24 Vdc 1.25 A, 100-240 Vac	2045870
1	HD-TX-101-C-1G-E and HD-RX-101-C-1G-E Connector, 2-Pin	2003574
2	Screw, 6-32 x 3/4", Truss Head, Combo	2009211
1	HD-TXC-101-C-1G-E and HD-RXC-101-C-1G-E Connector, 2-Pin	2003574
1	Connector, 3-Pin	2003575
1	Connector, 4-Pin	2003576
2	Screw, 6-32 x 3/4", Truss Head, Combo	2009211

DO Connect the Device

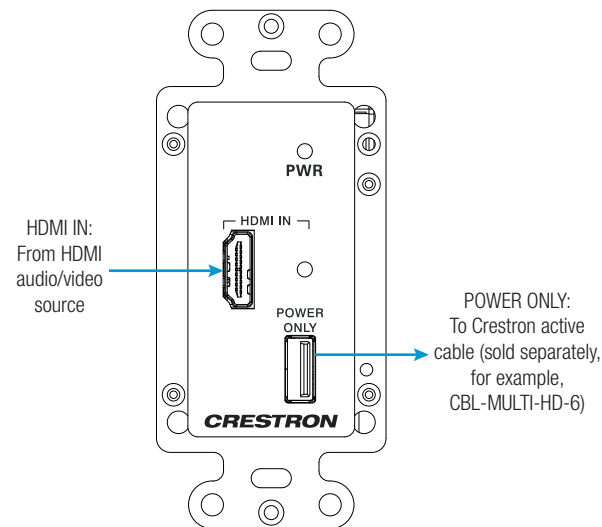
Connect the device as required for the application.

Connect the Transmitter

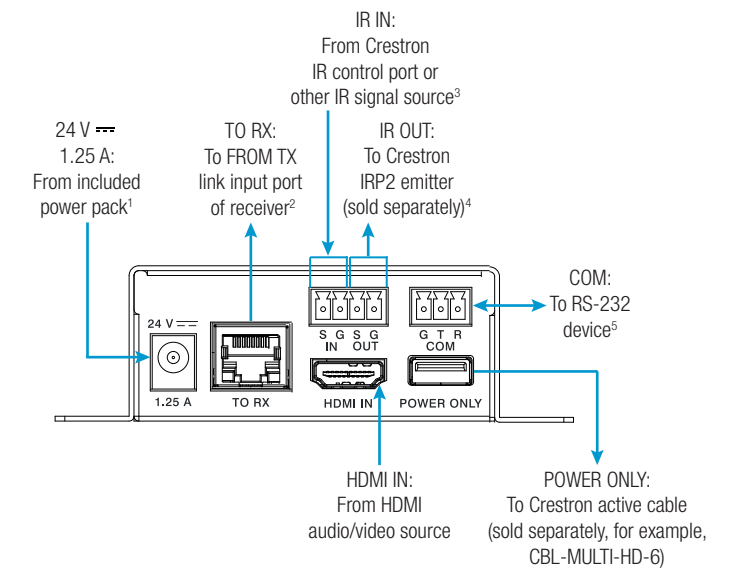
HD-TX-101-C-E Front Panel Connections



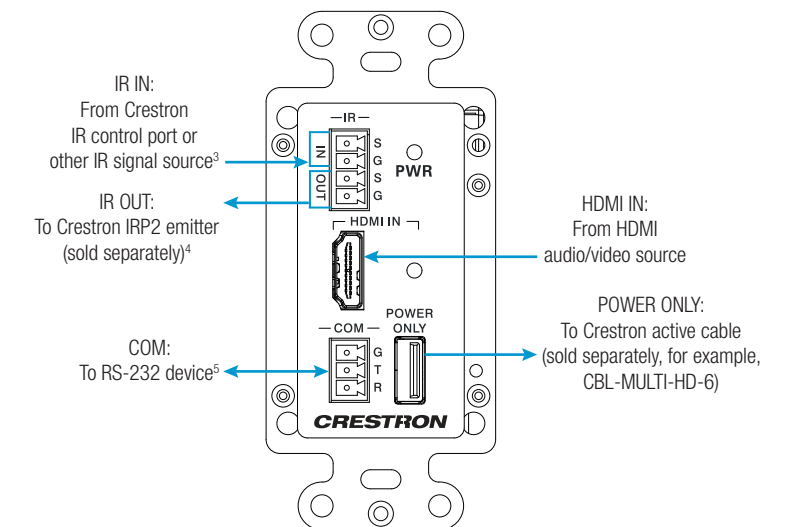
HD-TX-101-C-1G-E Front Panel Connections



HD-TXC-101-C-E Front Panel Connections

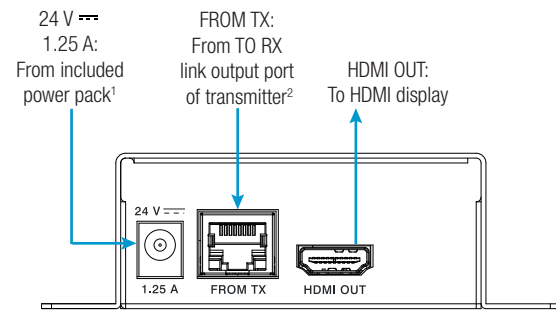


HD-TXC-101-C-1G-E Front Panel Connections

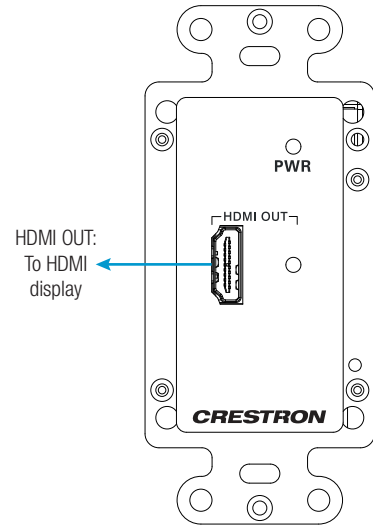


Connect the Receiver

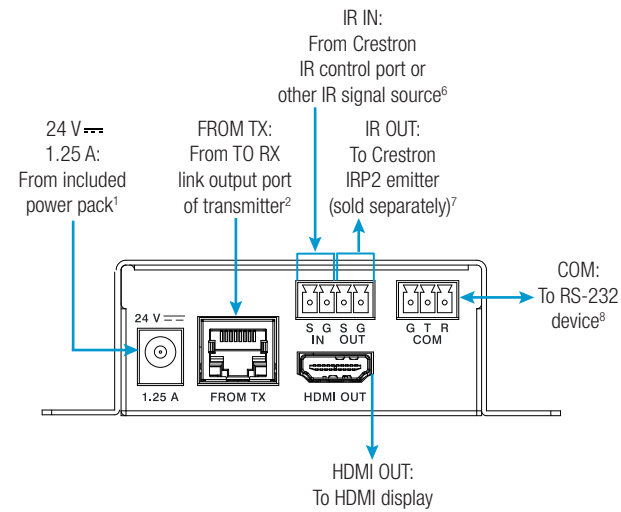
HD-RX-101-C-E Front Panel Connections



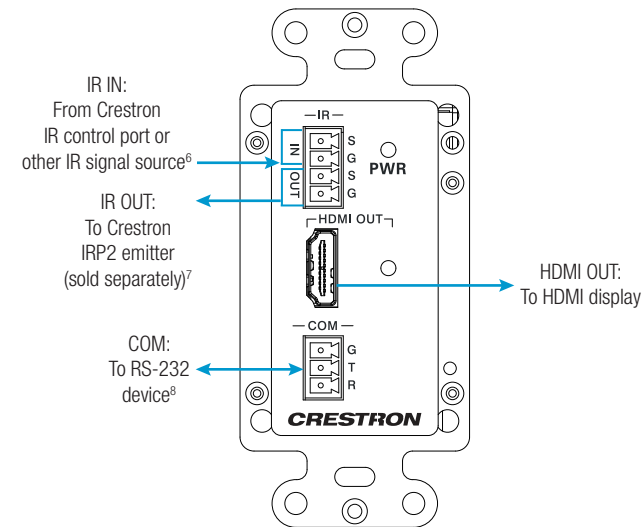
HD-RX-101-C-1G-E Front Panel Connections



HD-RXC-101-C-E Front Panel Connections



HD-RXC-101-C-1G-E Front Panel Connections



DO Configure the Device

To configure the device, do either of the following:

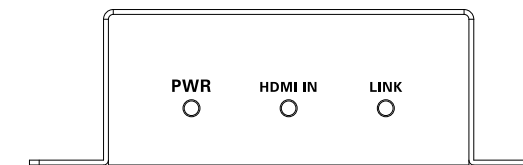
- If a DM Lite transmitter connects to an HD-RX-201-C-E, configure the transmitter using the web interface of the HD-RX-201-C-E. The HD-RX-201-C-E hosts the configuration of the transmitter. To access the web interface, open a web browser and then go to the IP address of the HD-RX-201-C-E. By default, DHCP is enabled. To display the IP address on the connected HDMI® display, press the **SETUP** button on the front panel of the HD-RX-201-C-E. To log in to the web interface, enter the user name and password. The default user name and password are both *admin*.
- If a DM Lite transmitter connects to a DM Lite receiver other than an HD-RX-201-C-E, refer to Answer ID 1000168 in the Online Help section of the Crestron website (www.crestron.com/onlinehelp) for configuration information.

DO Observe the LEDs

Observe the following LEDs:

- **PWR:** Lights green to indicate that the device is powered on
- **HDMI IN:** (Transmitter only) Lights green to indicate that the device is receiving an HDMI signal
- **HDMI OUT:** (Receiver only) Lights green to indicate that the device is transmitting an HDMI signal
- **LINK:** (Surface-mount devices only) Lights green to indicate that a link has been established between the TO RX port on the transmitter and the FROM TX port on the receiver

LEDs (Surface-Mount Transmitter Shown)



¹ Connect a power pack to either the transmitter or receiver. Do not connect a power pack to both devices simultaneously. Power is transmitted over the cable that connects the TO RX port on the transmitter to the FROM TX port on the receiver.

² Cabling that connects the TO RX port to the FROM TX port is designed for intrabuilding use only.

³ The IR IN port on the transmitter passes the IR signal to the IR OUT port on the receiver.

⁴ The IR OUT port on the transmitter transmits the IR signal from the IR IN port on the receiver.

⁵ The COM port on the transmitter passes RS-232 data to or from the COM port on the receiver.

⁶ The IR IN port on the receiver passes the IR signal to the IR OUT port on the transmitter.

⁷ The IR OUT port on the receiver transmits the IR signal from the IR IN port on the transmitter.

⁸ The COM port on the receiver passes RS-232 data to or from the COM port on the transmitter.

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.

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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 tested 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

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

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

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

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This document was written by the Technical Publications department at Crestron.

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The product warranty can be found at www.crestron.com/legal/sales-terms-conditions-warranties.