HZ-AUX

Horizon™ In-Wall, Multiway Remote

The Crestron® HZ-AUX Horizon™ in-wall multiway remote controls Horizon-style dimmers and switches. The device features the following:

- Field replaceable rocker button (supplied), engravings available
- The HZ-AUX must be used in conjunction with an HZ-DIMEX, HZ-DIMUEX, or HZ-SWEX (not supplied). It cannot control a load directly.

In the Box

1   HZ-AUX, Horizon™ In-Wall Multiway Remote

Additional Items
2   Screw, 6-32 x 1 in., Truss Head, Combo (2054883)
1   Spacer, Multi-Gang Alignment (2049924)
1   Nut, Wire, Blue (2045230)

Important Notes

CAUTION: TO REDUCE THE RISK OF OVERHEATING AND POSSIBLE DAMAGE TO OTHER EQUIPMENT, DO NOT INSTALL TO CONTROL A RECEPTACLE, A MOTOR-OPERATED APPLIANCE, A FLUORESCENT LIGHTING FIXTURE, OR A TRANSFORMER-SUPPLIED APPLIANCE.

ATTENTION: GRADATEURS COMMANDANT UN BALLAST-AFIN DE RÉDUIRE LE RISQUE DE SURCHAUFFE ET LA POSSIBILITÉ D'ENDOMMAGEMENT À D'AUTRES MATÉRIELS, NE PAS INSTALLER POUR COMMANDER UNE PRISE, UN APPAREIL D'ÉCLAIRAGE FLUORESCENT, UN APPAREIL OPÉRÉ DE MOTEUR OU UN APPAREIL ALIMENTÉ PAR UN TRANSFORMATEUR.

WARNING: To avoid fire, shock, or death, turn off the power at the circuit breaker or fuse and test that the power is off before wiring!

NOTE: The HZ-AUX cannot be used to control a load directly. It must be used in conjunction with an HZ-SWEX, HZ-DIMUEX, or HZ-DIMEX.

NOTE: All 3- or 4-way switches in a multi-way circuit must be replaced by HZ-AUX units or HZ-KPEX units with a single HZ-DIMEX, HZ-DIMUEX, or HZ-SWEX unit installed at the load side of the multi-way chain.

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NOTES: Observe the following points.

- Codes: This product should be installed and used in accordance with appropriate electrical codes and regulations.
- If you are unsure about any part of these instructions, consult a qualified electrician.
- Wiring: Use copper wire only. For supply connections, use wires rated for at least 75° C (167° F).
- Temperature: For use where temperatures are between 32° to 86° F (0° to 30° C).
- Electrical Boxes: Devices mount in standard electrical boxes. For easy installation, use 3-1/2 in. (89 mm) deep electrical boxes. Several devices can be installed in one electrical box (multigang). For a smooth appearance, one-piece multigang faceplates (not supplied) must be installed. When installing into a multigang box, do not fully tighten the devices to the box until the faceplate has been aligned.
- When installing into a multigang box, do not fully tighten devices to box until faceplate has been aligned.
- Switches: Mechanical 3- or 4-way switches do not work with .
- Spacing: If mounting one device above another, leave at least 4-1/2 in. (115 mm) vertical space between them.

Installation

WARNING: Turn off power at the circuit breaker. Installing with power on can result in serious personal injury and damage to the device.

Install the HZ-AUX:

1. Turn power off at the circuit breaker.

   WARNING: If the HZ-AUX is used in a multiway configuration, power may need to be turned off at multiple breakers.

2. Wire the device as shown in Wiring Diagrams, where typical wiring configurations for the HZ-AUX are shown. Select the appropriate configuration and connect the necessary wires. In multigang installations, daisy-chain Hot and Neutral wires with other Horizon devices to eliminate excess wiring.

3. Fold the wires into the electrical box. Avoid pinched wires.

4. Secure the HZ-AUX to the electrical box using the integrated mounting screws on the device. To allow for adjustments, do not fully tighten the screws at this time. Ensure that any text on the device is in the proper orientation and facing up.

   CAUTION: Do not overtighten the screws when attaching the keypad to the electrical box. Damage to the unit and undesired functionality may occur.
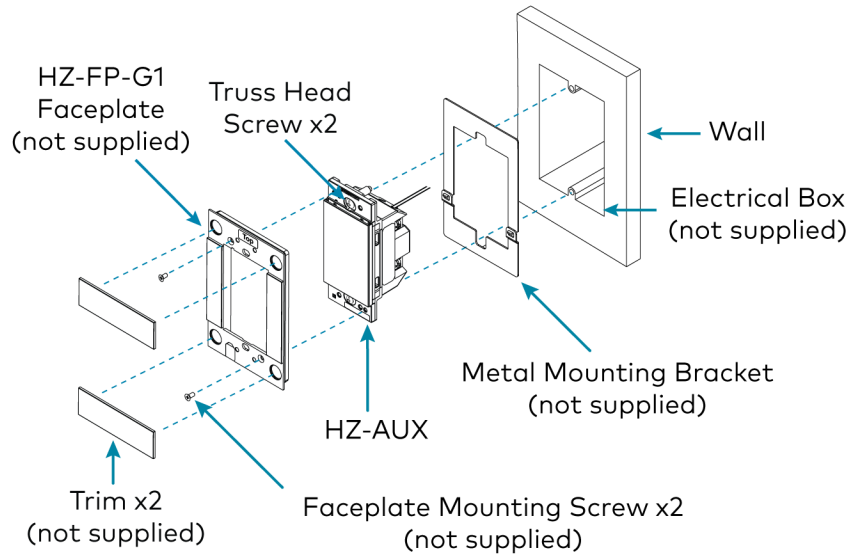
5. Place the metal mounting bracket (not supplied) over the back of the HZ-AUX. The two parts of the metal mounting bracket clip together which allows the wiring to remain in place.

   NOTE: When installing the HZ-FP-G faceplate over an old work electrical box, do not use the metal mounting bracket.
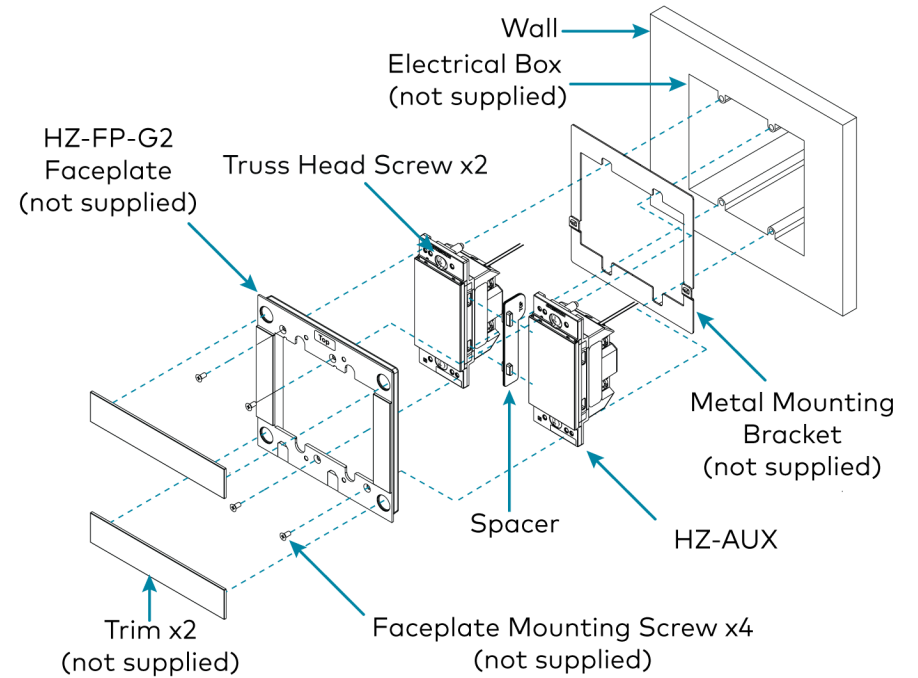
6. Attach the HZ-FP-G series faceplate using the faceplate mounting screws. Ensure that the "Top" label is properly oriented.

7. Ensure that the HZ-AUX is properly aligned within the HZ-FP-G and then fully tighten the integrated mounting screws to secure the device to the electrical box.

8. Attached the magnetic top and bottom trim pieces to the HZ-FP-G.

9. Ensure that all buttons actuate without sticking.

10. Restore power at the circuit breaker.

Horizon™ In-Wall, Multiway Remote
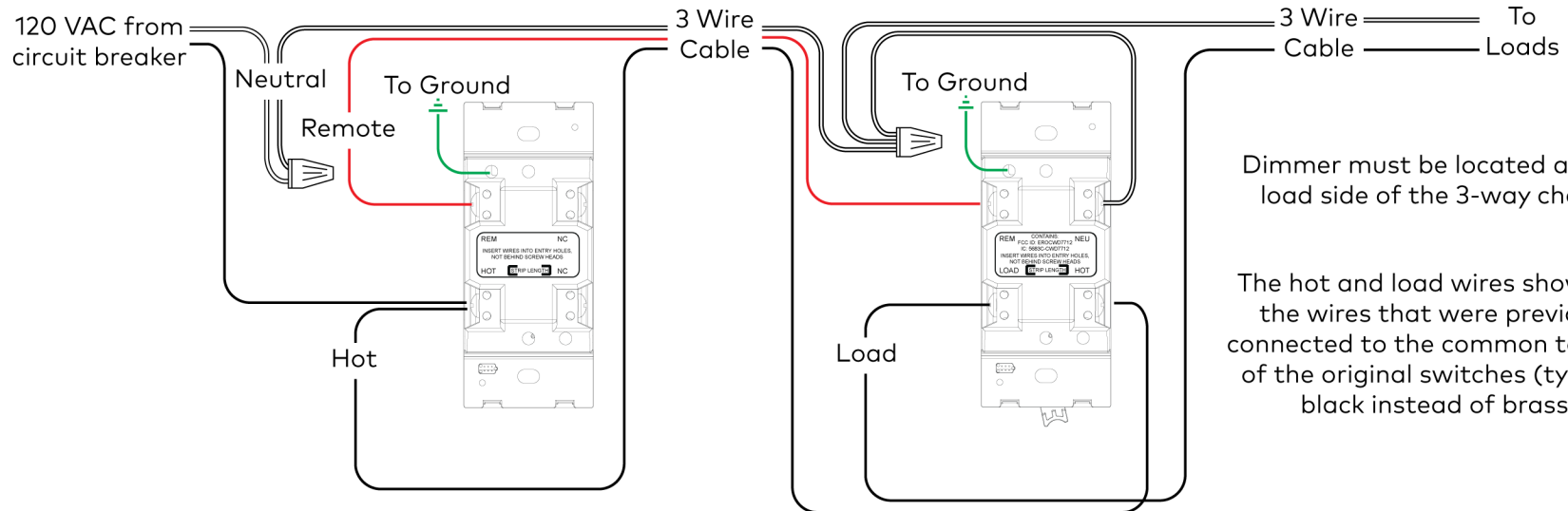
HZ-AUX Single Gang Installation

HZ-FP-G1 Faceplate (not supplied)

Truss Head Screw x2

Wall

Electrical Box (not supplied)

Metal Mounting Bracket (not supplied)

HZ-AUX

Trim x2 (not supplied)

Faceplate Mounting Screw x2 (not supplied)

HZ-AUX Multigang Installation

Wall

Electrical Box (not supplied)

HZ-FP-G2 Faceplate (not supplied)

Truss Head Screw x2

Metal Mounting Bracket (not supplied)

Spacer

HZ-AUX

Trim x2 (not supplied)

Faceplate Mounting Screw x4 (not supplied)

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Wiring Diagrams

Two Points of Dimming or Switching Control (3-Way)

120 VAC from circuit breaker

Neutral

Remote

To Ground

REM .... NC
INSERT WIRES INTO ENTRY HOLES,
NOT BEHIND SCREW HEADS
HOT .... STRIP LENGTH ... NC

Hot

HZ-AUX

3 Wire Cable

To Ground

CONTAINS:
FCC ID: ER0CWD7712
IC: 5683C-CWD7712
REM .... NEU
INSERT WIRES INTO ENTRY HOLES,
NOT BEHIND SCREW HEADS
LOAD .... STRIP LENGTH ... HOT

Load

HZ-DIMEX, HZ-DIMUEX, or HZ-SWEX

3 Wire Cable

To Loads
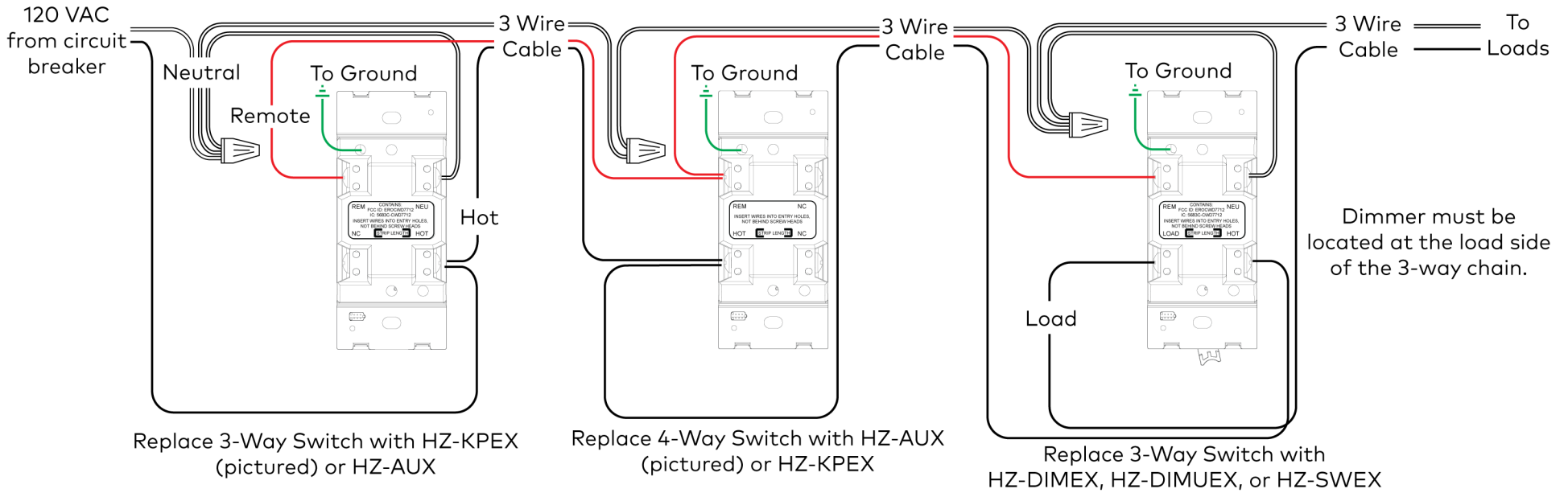
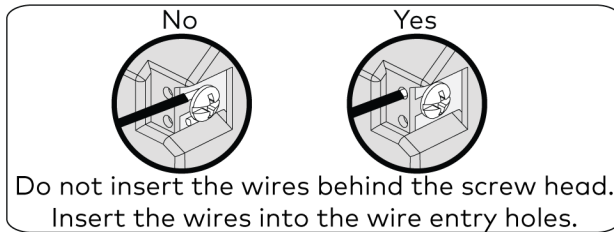Dimmer must be located at the load side of the 3-way chain.

The hot and load wires shown are the wires that were previously connected to the common terminal of the original switches (typically black instead of brass).

Horizon™ In-Wall, Multiway Remote

Three or More Points of Dimming or Switching Control (4-Way)

120 VAC from circuit breaker

Neutral

Remote

3 Wire Cable

To Ground

Hot

3 Wire Cable

To Ground

3 Wire Cable

To Loads

To Ground

Dimmer must be located at the load side of the 3-way chain.

Load

Replace 3-Way Switch with HZ-KPEX (pictured) or HZ-AUX

Replace 4-Way Switch with HZ-AUX (pictured) or HZ-KPEX

Replace 3-Way Switch with HZ-DIMEX, HZ-DIMUEX, or HZ-SWEX

NOTE: Please refer to the following diagram when making connections to the device.

No   Yes

Do not insert the wires behind the screw head. Insert the wires into the wire entry holes.
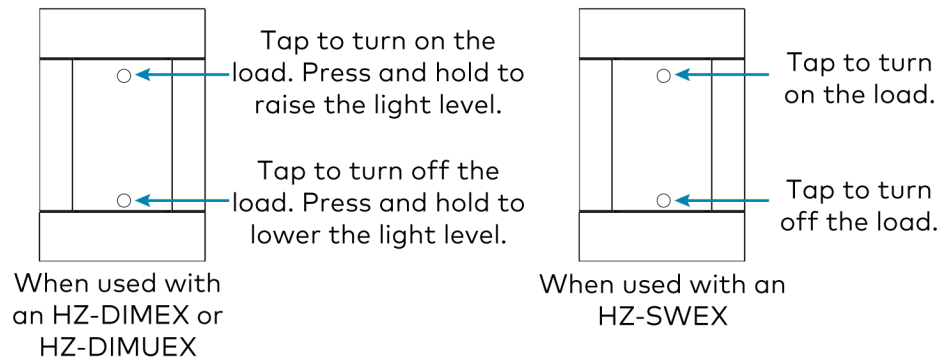
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Operation

Basic Operation

The specific functions of the multiway remote device depend on the master device at the other end. If the master is an HZ-DIMEX, then the button function is the same as an HZ-DIMEX with a rocker. If a switch is installed, the multiway remote device function is the same as a switch with a rocker button.
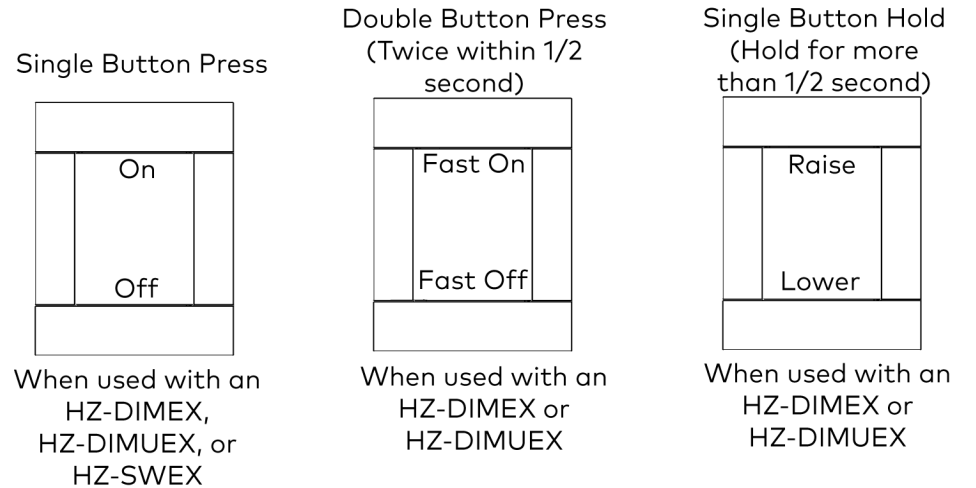
The HZ-AUX is shipped with a rocker button preinstalled. In this configuration, the unit will function as shown below.

Tap to turn on the load. Press and hold to raise the light level.

Tap to turn off the load. Press and hold to lower the light level.

When used with an HZ-DIMEX or HZ-DIMUEX

Tap to turn on the load.

Tap to turn off the load.

When used with an HZ-SWEX

> **NOTE:** The HZ-AUX does not provide an LED backlight or feedback.

Button Functions

The HZ-AUX recalls the functions defined on the connected load controller. The HZ-AUX does not directly control a load. The figures below illustrate the functions available for the rocker button configuration and tap/hold actuation sequences when the HZ-AUX is connected to a load controller.

Single Button Press

On

Off

When used with an HZ-DIMEX, HZ-DIMUEX, or HZ-SWEX

Double Button Press (Twice within 1/2 second)

Fast On

Fast Off

When used with an HZ-DIMEX or HZ-DIMUEX

Single Button Hold (Hold for more than 1/2 second)

Raise

Lower

When used with an HZ-DIMEX or HZ-DIMUEX

> **NOTE:** The default "On" powers the load to 100% in 1 second for the HZ-DIMEX and HZ-DIMUEX. The default "Fast On" powers the load to 100% in 1/4 second. Load behavior for "On" and "Fast On" operations can be modified when programming the HZ-DIMEX or HZ-DIMUEX.

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Troubleshooting

For general troubleshooting, please refer to the following table:

Trouble	Probable Cause(s)	Corrective Action
Master device does not function when buttons pressed on master or local button on HZ-AUX.	Problem with device installation.	Refer to Troubleshooting section in device installation guide
	Existing 3- or 4-way switch still connected.	Replace 3- or 4-way switches with an HZ-KPEX or an HZ-AUX. Replace the 3-way switch connected to the load with an HZ-DIMEX, HZ-DIMUEX, or HZ-SWEX.
Master device works but local button on the HZ-AUX does not work.	Wiring issue.	Check connections on all slave units and on master dimmer.
	Existing 3- or 4-way switch still connected.	Replace 3- or 4-way switches with an HZ-KPEX or an HZ-AUX. Replace the 3-way switch connected to the load with an HZ-DIMEX, HZ-DIMUEX, or HZ-SWEX.

Visit the Product Page

Scan the QR code to visit the product page.

www.crestron.com/model/6510898

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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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