ZUMMESH-JBOX-DALI
Zūm™ Wireless DALI® Controller

The Zūm™ Wireless ZUMMESH-JBOX-DALI is a single-channel DALI controller capable of controlling up to 64 DALI compatible drivers. The ZUMMESH-JBOX-DALI communicates with other Zūm devices such as keypads, occupancy sensors, vacancy sensors, and daylight sensors.

NOTE: The ZUMMESH-NETBRIDGE (sold separately) is required to create and control DALI groups. The ZUMMESH-NETBRIDGE must be connected to the ZUMMESH-JBOX-DALI for DALI group control.

➤➤ Check the Box

Item	Qty
ZUMMESH-JBOX-DALI	1
Nut, Wire Twist, Yellow, 22-10 AWG (P/N 2049245)	4
Nut, Lock, 1/2 in. - 14, Conduit, Steel (P/N 2047626)	1

➤➤ Installation

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!
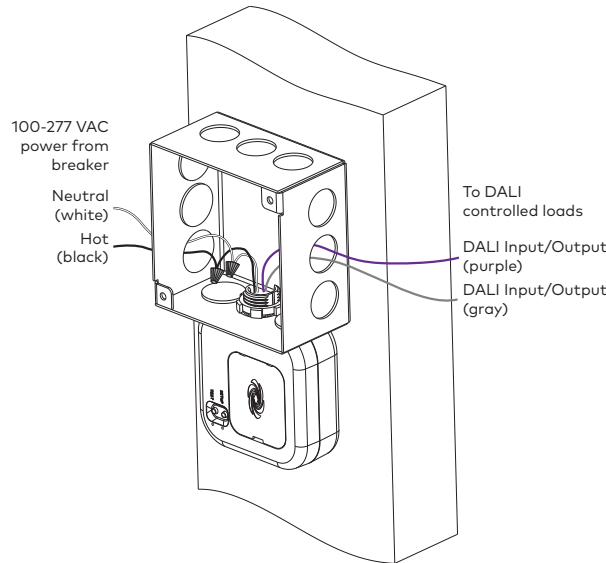
NOTE: Observe the following points:

- Install and use this product in accordance with appropriate electrical codes and regulations.
- A licensed electrician should install this product.
- The product projects 3-11/16 in. (93 mm) from the junction box when installed.

To install a ZUMMESH-JBOX-DALI:

1. Turn the power off at the circuit breaker.
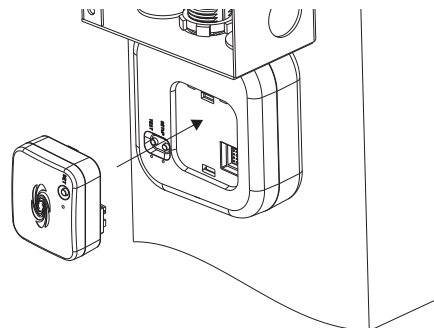2. Mount the ZUMMESH-JBOX-DALI to the J-box using a locknut.

3. Wire the ZUMMESH-JBOX-DALI as shown.

100-277 VAC power from breaker
Neutral (white)
Hot (black)
To DALI controlled loads
DALI Input/Output (purple)
DALI Input/Output (gray)

To install a ZUMMESH-NETBRIDGE:

NOTE: For product specifications and additional installation details, refer to the ZUMMESH-NETBRIDGE Installation Guide (Doc. 7955) at www.crestron.com/manuals for details.

1. Use a flat-head screwdriver to remove the cover on the ZUMMESH-JBOX-DALI. Insert the flat-head screwdriver into the slot next to the cover and pry up to remove the cover.
2. Align the ports on the ZUMMESH-NETBRIDGE and the ZUMMESH-JBOX-DALI, and then insert the ZUMMESH-NETBRIDGE into the ZUMMESH-JBOX-DALI. The J-box module snaps into place.

➤➤ Operation

Prior to room commissioning, the ZUMMESH-JBOX-DALI uses DALI broadcast to control all connected lights simultaneously. After commissioning the ZUMMESH-JBOX-DALI, addressing devices and creating groups, the ZUMMESH-JBOX-DALI will control drivers assigned to the groups.

NOTES: Connect the ZUMMESH-NETBRIDGE (sold separately) directly to the ZUMMESH-JBOX-DALI to create and control DALI groups. The ZUMMESH-JBOX-DALI functions in broadcast mode if the ZUMMESH-NETBRIDGE is not connected.

Test the Ballasts

To verify that all drivers have been properly wired, press the **TEST** button to toggle the drivers that are assigned to groups.

To test the dimming function of the drivers, press and hold the **TEST** button.

NOTE: if the ZUMMESH-JBOX-DALI is not commissioned, the device operates in DALI broadcast mode and controls all of the connected drivers simultaneously. After the ZUMMESH-JBOX-DALI is commissioned, the ZUMMESH-JBOX-DALI only toggles or dims drivers that are assigned to groups.

➤➤ Commissioning

Use the Crestron Zūm app to commission the ZUMMESH-JBOX-DALI.

For details on commissioning, refer to the Zūm Light Control System Product manual (Doc. 7957) at www.crestron.com/manuals.
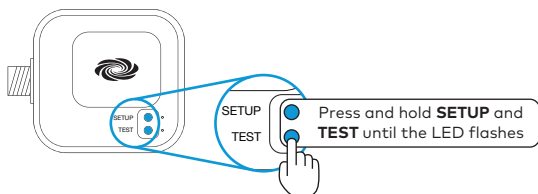
⟫ Factory Reset

Perform a factory reset when the ZUMMESH-JBOX-DALI is removed from the network or to remove the configuration settings from the device. The ZUMMESH-JBOX-DALI must also be factory reset if it is being moved to a different system.

NOTE: New-in-box devices do not need to be factory reset before joining a system.

To factory reset the ZUMMESH-JBOX-DALI, press and hold the **SETUP** and **TEST** buttons until the **SETUP** LED lights (about 10 seconds), and then release both buttons. The **SETUP** LED and the connected load output turn on.

Press and hold **SETUP** and **TEST** until the LED flashes

⟫ Additional Information

Scan or click the QR code for detailed product information.

ZUMMESH-JBOX-DALI

Compliance and Legal

Original Instructions: The U.S. English version of this document is the original instructions. All other languages are a translation of the original instructions.

Regulatory Model: M201904001

Federal Communications Commission (FCC) Compliance Statement

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

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.

This product conforms to ANSI/UL STD 2043 tested by Intertek® services.

The product meets the requirements of UL 2043 for installation in an environmental air-handling (plenum) space, such as above a suspended ceiling.

The product is tested by an NRTL (Nationally Recognized Testing Laboratory) and complies with ANSI/UL2043 (Fire Test for Products Installed in Air-Handling Spaces). Full compliance requires plenum rated cables.

The product warranty can be found at www.crestron.com/warranty.

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, please visit www.crestron.com/opensource.

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Specifications subject to change without notice.