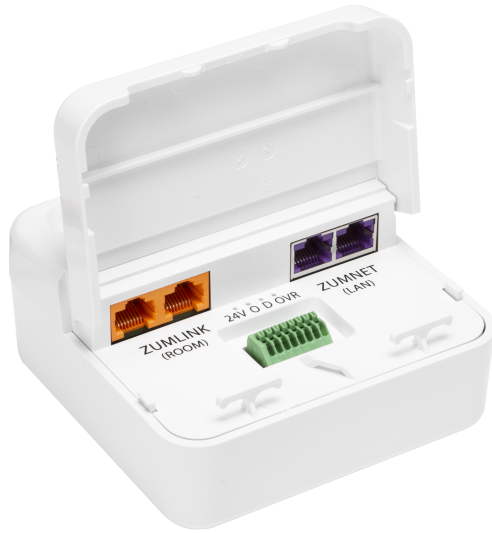


Zūm® Wired J-Box Controller with DALI® Drivers, 120-277V with Net and Link Communication



- *Zūm® wired junction box mounted DALI® drivers lighting controller*
- *Control of DALI compliant dimmable LED or fluorescent loads*
- *Integration with Zūm keypads, presence detectors, and daylight sensors (sold separately)*
- *Ethernet network connection to ZUM-HUB4 a control system (sold separately)*
- *Integrated contact closure input*
 - Flying lead wiring connections
 - Knockout mount to a standard 4 in. square junction box

The Zūm® wired ZUMNET-JBOX-DALI provides control of up to 64 DALI compatible drivers. The device can be wired to Zūm devices for network expansion and to Zūm Link devices for in-room control. Energy-saving options are available to enable daylighting, occupancy or vacancy sensing, and centralized monitoring and management.

Zūm Net Wired Technology

In a Zūm network, Zūm Net load controllers facilitate communications between rooms via Ethernet and can be daisy-chained for network expansion. Each device in the chain communicates to a Zūm Hub control system for centralized monitoring, management, and reporting. Zūm Link devices connect to Zūm Net devices to provide in-room lighting control. Similar to the Zūm Wireless system, Zūm Link devices work together in a local ecosystem to provide customized solutions as needed.

Zūm Link Wired Technology

Zūm Link technology enables in-room lighting control through keypads and sensors wired to controllers. Zūm Wired devices connect via CBL-CAT5E-ZUMLINK-P CAT5e cable (sold separately) to RJ-45 ports to provide simple daisy-chaining

and lighting control of compatible loads. The Zūm Wired devices work together in a local ecosystem to provide customized solutions using the Zūm app via Bluetooth connectivity.

Energy Efficiency

Occupancy sensor, vacancy sensor, and daylight sensor connectivity enables significant energy savings. To reduce energy usage, lights turn off automatically when the room is vacant and dim gradually depending on the amount of natural daylight in the room.

Easy Installation

For flexibility and ease-of-use, install Zūm devices (load controllers, keypads, and presence detectors) and connect them with Zūm Link (CBL-CAT5E-ZUMLINK-P) or Zūm Net (CBL-CAT5E-ZUMNET-P) CAT5e cable. Nonsystem presence detectors may also be installed to any load controller with analog inputs.

Override Contact Closure Input

An integrated contact closure provides the means to place all connected Zūm Net and Zūm Link devices into Emergency Override mode.

Specifications

Load Control

Line Voltage	100-277VAC, 50/60 Hz
Load Types	Control of DALI compliant dimmable LED or fluorescent loads
DALI Groups	16
Drivers	64

Wired Communications

ZUMNET (LAN)	(2) RJ-45 ports; Input for control system connection or Züm Net device; Output for Züm Net device daisy-chaining
ZUMLINK (ROOM)	(2) RJ-45 ports; In-room Züm Link device daisy-chaining; 85mA power available for Züm Link devices, including ZUMLINK-KP keypads; Maximum 750mA pass-through current including any internal power supply
24V, OCC, GND	Occupancy sensor input; 85mA available output current; Spring clamp connector
24V, PHO, GND	Photo sensor input; Spring clamp connector
OVR, GND	Override control input; Spring clamp connector

Controls and Indicators

TEST	(1) Pushbutton and (1) green LED; Push to toggle the switched load output on and off; Press and hold to cycle the dimming level up and down; LED indicates that the load is turned on; LED lights and flashes during room setup and factory reset
ZUMLINK Status	(1) bi-color green/red LED; LED lights green in normal operation; LED lights red when a fault is detected
ZUMNET Status	(1) bi-color green/red LED; LED lights green in normal operation; LED lights red when a fault is detected

Connections

Hot	(1) 14 AWG Class 1 flying lead; Black, line power input
Neutral	(1) 14 AWG Class 1 flying lead; White, neutral
Purple	(1) 18 AWG Class 1 flying lead, purple, DALI input/output, low voltage, positive
Gray	(1) 18 AWG Class 1 flying lead, gray, DALI input/output, low voltage, negative
Red	(1) 14 AWG Class 1 flying lead, power monitoring, AC output

Environmental

Temperature	32° to 104°F (0° to 40°C)
Humidity	10% to 90% RH (noncondensing)

Construction

Housing	Plastic, white, UL 94 5VA flame rated
Mounting	Mounts to the side of a 4 in. square junction box via a 1/2 in. conduit knockout; Meets the requirements of UL 2043 for installation in an environmental air-handling (plenum) space

Dimensions

Height	4.83 in. (123 mm)
Width	4.25 in. (108 mm)
Depth	2.03 in. (52 mm)

Weight

7 oz (199 g)

Compliance

Regulatory Model: M201933003

cUL916, cUL2043

Intertek® Listed for US & Canada, IC, FCC Part 15 Class A digital device, UL 916, UL 2043, UL 94 5VA

Model

ZUMNET-JBOX-DALI

Züm® Wired J-Box Controller with DALI® Drivers, 120-277V with Net and Link Communication

Available Accessories

For a list of available accessories, visit the [ZUMNET-JBOX-DALI](#) product page.

The original language version of this document is U.S. English. All other languages are a translation of the original document.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or contact us for additional information by visiting www.crestron.com/contact/our-locations for your local contact.

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

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

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

Crestron, the Crestron logo, XiO Cloud, and Züm are either trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and/or other countries. DALI is either a trademark or registered trademark of Digital Illumination Interface Alliance in the United States and/or other countries. UL is either a trademark or registered trademark of UL LLC in the United States and/or other countries. Wi-Fi is either a trademark or registered trademark of Wi-Fi Alliance in the United States and/or other countries. Other trademarks, registered trademarks, and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. Crestron is not responsible for errors in typography or photography.

Specifications are subject to change without notice.

©2023 Crestron Electronics, Inc.

Rev 10/17/23

