

C2N-IO

Control Port Expansion Module Installation Guide



Description

The C2N-IO is a very compact device that adds control ports to any Crestron® 2-Series or 3-Series® control system. It connects via the Cresnet® control network and provides one RS-232, one IR, and two relay control ports.

Additional Resources

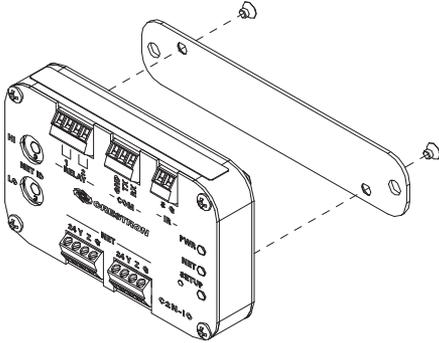
Visit the product page on the Crestron website (www.crestron.com) or scan the QR code for additional information and the latest firmware updates.



Installation

The C2N-IO can be mounted inside a standard 2-gang U.S. or U.K. electrical box using the included 3M® Dual Lock® fastener or mounted to another suitable location using the included mounting bracket.

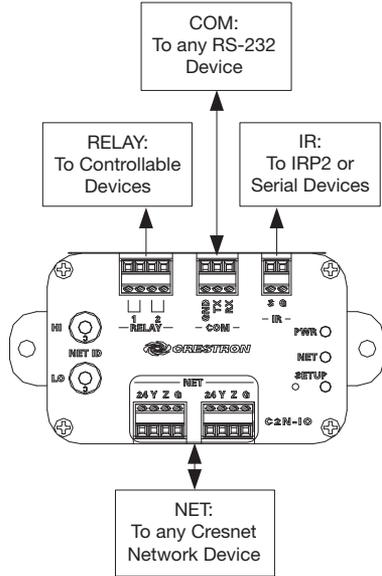
To use the included mounting bracket, use the included 04-40 x 1/8" screws to attach the mounting bracket as shown in the following illustration. The only tool required is a #1 Phillips screwdriver.



NOTE: Screws to secure the C2N-IO to a surface are not included.

Hardware Hookup

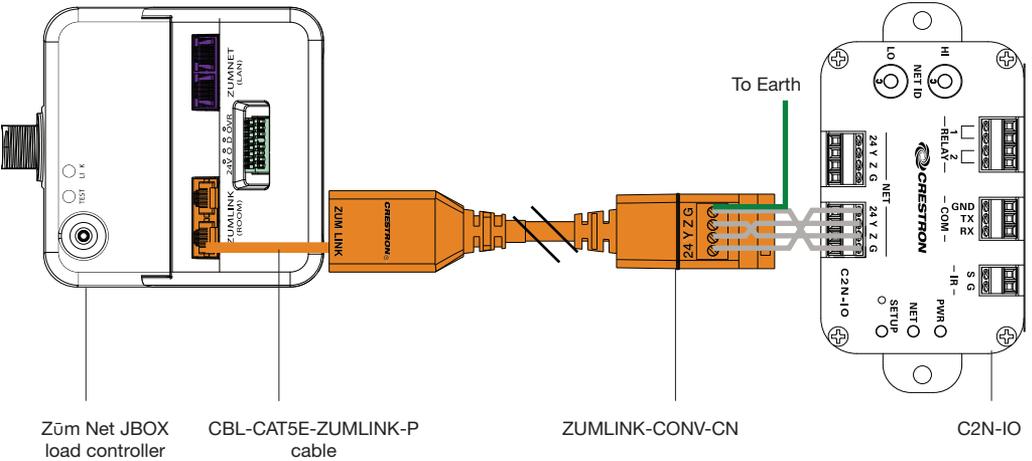
Make the necessary connections as shown in the following illustration. Apply power after all connections have been made.



CAUTION: Incorrect wiring may damage the C2N-IO.

NOTE: The RS-232 COM port is intended for use with relatively simple devices that send and receive small packets and do not generate a lot of data. A small amount of delay may be normal when sending or receiving some control commands on a low-speed serial network. Cresnet networks with many devices tend to exhibit more delay.

When utilized with Züm® wired lighting control applications and the Züm Link communication bus, match the 24, Y, Z, G connections from the ZUMLINK-CONV-CN to the C2N-IO. The ZUMLINK-CONV-CN G output must be ground to Earth as well as to the C2N-IO G input.



Züm Net JBOX
load controller

CBL-CAT5E-ZUMLINK-P
cable

ZUMLINK-CONV-CN

C2N-IO

As of the date of manufacture, the C2N-IO has been tested and found to comply with specifications for CE marking.



The C2N-IO has been tested by Intertek Testing Services NA Inc. and complies with ANSI/UL 2043, the Standard for Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces - Third Edition.



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 when the equipment is operated in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, 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.

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

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

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

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

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Installation Guide
DOC. 7236D
(2031434)
05.24

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