

HARDWARE EXPANDER

Cat. No. 10A06-1

Installation Instructions and User's Guide

LEVITON®

DI-021-OA101-00AAR2213
(10106-1)

INSTALLATION

ENGLISH

WARNINGS AND CAUTIONS

- Read and understand all instructions. Follow all warnings and instructions marked on the product.
- Do not use this product near water - e.g., near a tub, wash basin, kitchen sink or laundry tub, in a wet basement, or near a swimming pool.
- Never push objects of any kind into this product through openings, as they may touch dangerous voltages.
- SAVE THESE INSTRUCTIONS.

EXPANSION MODULE SETUP

The Model 10A06-1 Hardwire Expander can be used with an Omni or OmniPro automation controller.

When using a Hardwire Expander, you must first enable Zone Expansion. This option can be enabled by the installer in the Installer Set Up menu.

After the Hardwire Expander has been enabled, you can press the down arrow (↓) key to set the Zone types for each of the expanded zones (17-32) on the Input Expansion Module.

ABOUT ZONE INPUTS

The Hardwire Expander adds an additional 16 zone inputs to the system. Each of the 16 zone inputs on the Expansion Module can be configured as a burglary zone, a fire zone, a temperature zone, or an auxiliary input.

- The Hardwire Expander supports a maximum zone resistance, excluding the end-of-line resistor, of 150 ohms.
- The default settings for all zone inputs (17-32) on an Hardwire Expander are configured as auxiliary inputs.
- When using a normally open switch, a 1000 ohm end-of-line resistor must be in parallel with the zone being used.
- When using a normally closed switch, a 1000 ohm end-of-line resistor must be put in series with the zone being used.
- Unused zones may be left open and should be left at the default setting of auxiliary inputs.

Zone inputs on the Hardwire Expander operate the same as zones on the controller. **Refer to the Installation Manual for complete installation and operation instructions for zone inputs.**

INSTALLATION INSTRUCTIONS

1. Remove 4 6-32 x 1/4 Phillips screws marked "A" in **Figure 1**. Retain screws for future step.
2. Connect supplied cable to 20 pin connector J3 on controller marked "B" in **Figure 1**.
3. Install the 4 supplied 6-32 x 1/2 male/female Hex spacers in holes where screws were removed, marked "C" in **Figure 2**.
4. Place Hardwire Expander on top of the controller. Line up mounting holes marked "D" with Hex spacers marked "C" in **Figure 2**.
5. Reinstall 4 6-32 x 1/4 Phillips screws through mounting holes "D" in Expander into Hex spacers "C" on controller in **Figure 2**.
6. Connect opposite end of supplied cable to 20 pin connector J1 on the Hardwire Expander marked "E" in **Figure 2**.
7. Be sure that address jumper is in position 1, as shown in **Figure 2** marked "F".

FCC Compliance

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.

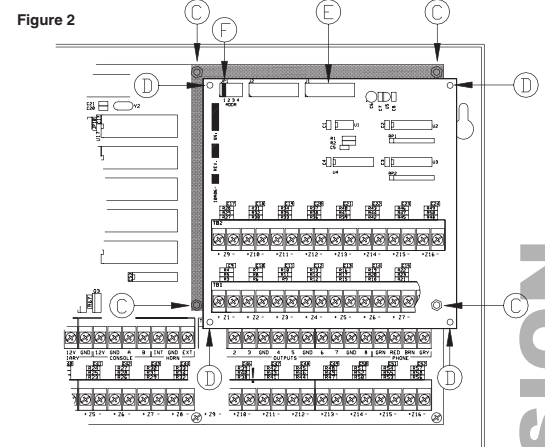
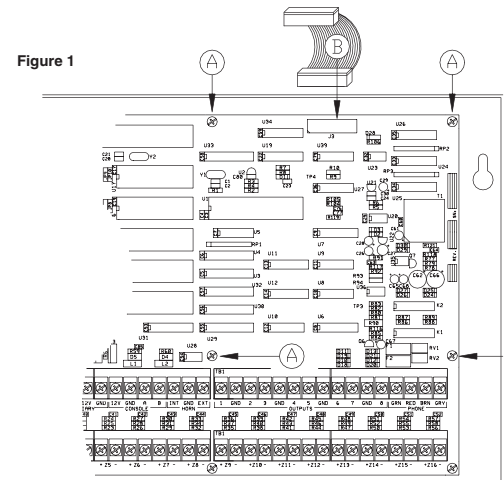
FOR CANADA ONLY

For warranty information and/or product returns, residents of Canada should contact Leviton in writing at **Leviton Manufacturing of Canada Ltd to the attention of the Quality Assurance Department, 165 Hymus Blvd, Pointe-Claire (Quebec), Canada H9R 1E9** or by telephone at **1 800 405-5320**.

LEVITON LIMITED WARRANTY

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that products manufactured by Leviton under the Leviton brand name ("Product") will be free from defects in material and workmanship for the time periods indicated below, whichever is shorter: • **OmniPro II and Lumina Pro**: three (3) years from installation or 42 months from manufacture date. • **OmniLT, Omni Ite, and Lumina**: two (2) years from installation or 30 months from manufacture date. • **Thermostats, Accessories**: two (2) years from installation or 30 months from manufacture date. • **Batteries**: Rechargeable batteries in products are warranted for ninety (90) days from date of purchase. **Note**: Primary (non-rechargeable) batteries shipped in products are not warranted. **Products with Windows® Operating Systems**: During the warranty period, Leviton will restore corrupted operating systems to factory default at no charge, provided that the product has been used as originally intended. Installation of non-Leviton software or modification of the operating system voids this warranty. Leviton's obligation under this Limited Warranty is limited to the repair or replacement, at Leviton's option, of Product that fails due to defect in material or workmanship. Leviton reserves the right to replace product under this Limited Warranty with new or remanufactured product. **Leviton will not be responsible for labor costs of removal or reinstallation of Product.** The repaired or replaced product is then warranted under the terms of this Limited Warranty for the remainder of the Limited Warranty time period or ninety (90) days, whichever is longer. This Limited Warranty does not cover PC-based software products. **Leviton is not responsible for conditions or applications beyond Leviton's control. Leviton is not responsible for issues related to improper installation, including failure to follow written installation and operation instructions, normal wear and tear, catastrophe, fault or negligence of the user or other problems external to the Product.** To view complete warranty and instructions for returning product, please visit us at www.leviton.com.

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