

REMOTE INPUT MODULE (RIM) Cat. No. 95A04-1 Installation Instructions and User's Guide

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.
- Never install communications wiring or components during a lightning storm.
- Never install communications components in wet locations unless the components are designed specifically for use in wet locations.
- Never touch uninsulated wires or terminals unless the wiring has been disconnected at the network interface.
- Use caution when installing or modifying communications wiring or components.
- SAVE THESE INSTRUCTIONS.

DESCRIPTION

The Remote Input Module (RIM) is a remote audio input and infrared output module designed to be installed in rooms that will have music sources. An audio source is connected directly to the RIM, which allows that music to be shared with any audio zone in the house. Each RIM ships with an IR flasher that is used for sending IR data to source equipment. When you point your source equipment remote control at the IR receiver in a VSC and send a signal, the IR data is routed to the appropriate RIM (to which the source is logically connected), which then sends the IR signal through the IR flasher to the source equipment.

INSTALLATION

Remote Input Modules connect directly to the Hi-Fi2 Main Assembly using Cat 5, unshielded, twisted pair (UTP) for communications. Each end of the wire is terminated with an RJ45 connector. The correct wiring scheme for the Cat 5 cable is standard EIA/TIA 568A. Properly terminating the Cat 5 cable is crucial for the operation of the system.

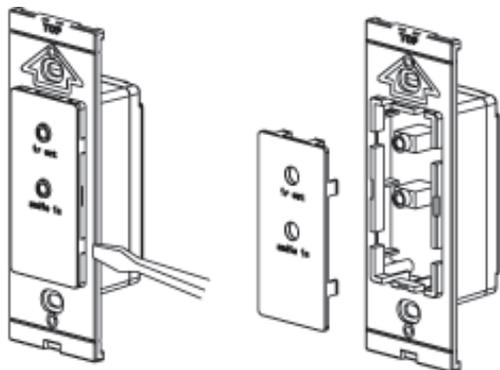
It is best that no single run of Cat 5 exceeds 500 feet.

Insert the RJ45 connector on one end of the cable to the respective source input jack (1-8) under "Remote Audio In / IR Out" on the Hi-Fi2 Main Assembly. Insert the RJ45 connector on the other end of the cable to the jack labeled "Remote Audio" on the RIM.

CHANGING THE COLOR OF THE RIM

The color of the RIM may be changed to complement the interior décor. The RIM is supplied with a white faceplate and insert. Additional colors are available; contact your Leviton distributor for more information. Change the color of the RIM as follows:

1. Remove the faceplate.
2. The insert attaches to the RIM with two latches on the right and two on the left. Using a small-blade screwdriver, gently depress each latch on one side while lifting up on the insert. Once the latches are released on one side, remove the insert from the other side.
3. Align the latches of the new insert to the openings on the RIM and gently snap into place.
4. Attach the new faceplate.



SETTING THE FREQUENCY OF THE IR OUTPUT

When using the RIM to send IR data to source equipment, there are two different IR carrier frequencies in which the RIM can transmit the IR signal. The default setting of 38 kHz is used for most audio sources. However, most cable and satellite converter boxes operate at a higher IR carrier frequency closer to 56 kHz. Each RIM has a switch that allows you to change the frequency of the IR output when using such devices.

To change the frequency setting, remove the faceplate and insert from the RIM as described under “Changing the Color of the RIM”.

Once the insert has been removed, move the frequency switch (SW1) from the “38kHz” position to the “56kHz” position.

IR OUTPUT

Each RIM ships with an IR flasher (62A08-1). The IR flasher is used for sending IR data to the source equipment. When you point your source equipment remote control at the IR receiver in the VSC and send a signal, the IR data is routed to the appropriate RIM (to which the source is connected), which then sends the IR signal through the IR flasher to the source equipment.

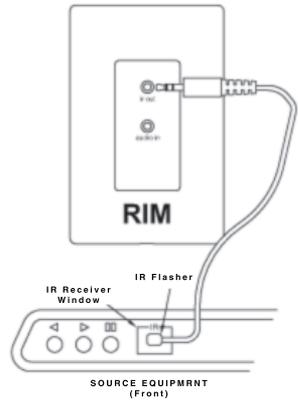
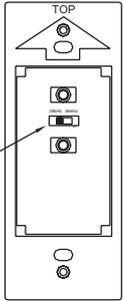
FCC Compliance

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 IIe, 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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