

# BLUETOOTH REMOTE INPUT MODULE (BRIM)

Cat. No. 95A04-2

## Installation Instructions and User's Guide

**LEVITON**<sup>®</sup>

DI-022-95A04-05A<sub>AR2253</sub>  
(95104-2)

### 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.

#### WARNINGS AND CAUTIONS

- 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.

#### DESCRIPTION

The Bluetooth Remote Input Module (BRIM) is a remote audio input (Bluetooth or wired) and infrared output module designed to be installed in rooms that will have music sources. Bluetooth devices can connect and act as a music server or a wired audio source can be connected directly to the BRIM, which allows that music to be shared with any audio zone in the house. Each BRIM 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 BRIM (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 BRIM.

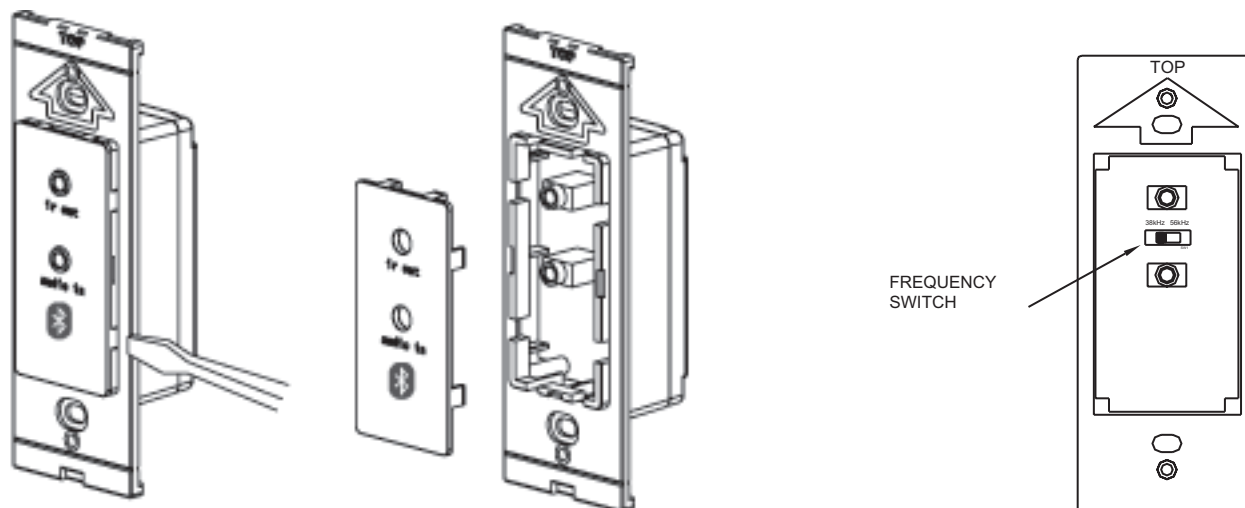
#### SETTING THE FREQUENCY OF THE IR OUTPUT

When using the BRIM to send IR data to source equipment, there are two different IR carrier frequencies in which the BRIM 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 BRIM 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 BRIM using a small-blade screwdriver and 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.

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

Reinstall the insert by aligning the latches of the insert to the openings on the BRIM and gently snapping it into place. Then, attach the faceplate.



WEB VERSION

## BLUETOOTH

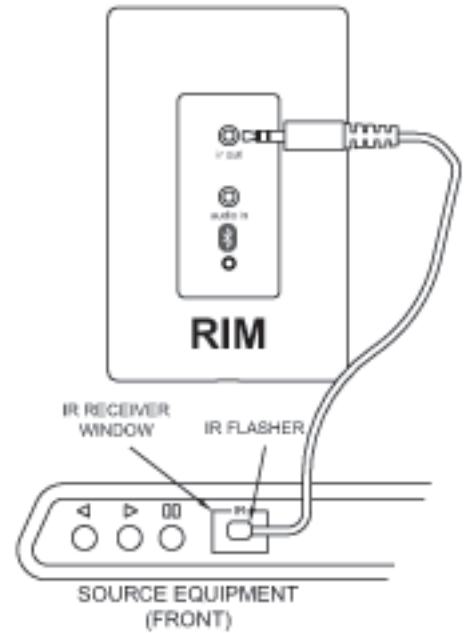
To pair a Bluetooth device to the BRIM, simply find the BRIM in the list of Bluetooth devices and connect. When a Bluetooth device is paired with the BRIM, the LED above the Leviton logo will glow blue, and then you can play audio from application running on the device (such as Pandora, Spotify, Rhapsody, iTunes, and YouTube) in any Hi-Fi2 audio zone.

## IR OUTPUT

Each BRIM 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 BRIM (to which the source is connected), which then sends the IR signal through the IR flasher to the source equipment.

## FCC Compliance

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



## 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 ILE, 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](http://www.leviton.com).

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