



Model 95A04-2 Bluetooth Remote Input Module (BRIM)

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.

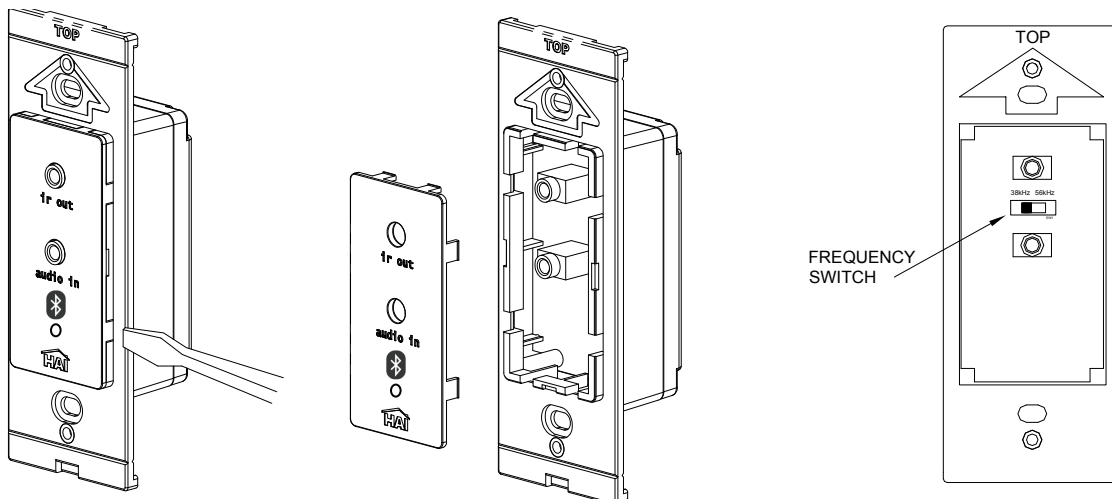
SETTING THE FREQUENCY OF THE IR OUTPUT

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.

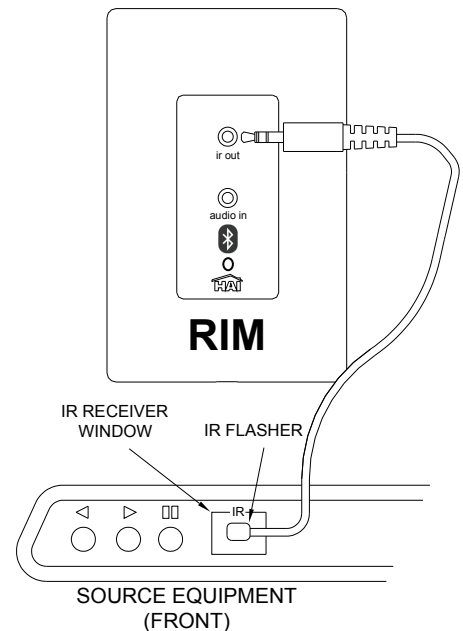


BLUETOOTH

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 HAI 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.



FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

This mobile device meets guidelines for exposure to radio waves. Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines.

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.

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment. Body-worn operations are restricted to belt-clips, holsters, or similar accessories that have no metallic component in the assembly and must provide at least 1.5 cm separation between the device and the user's body.

RF exposure warning:

The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment. The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.

IC Radiation Exposure Statement for Canada

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.