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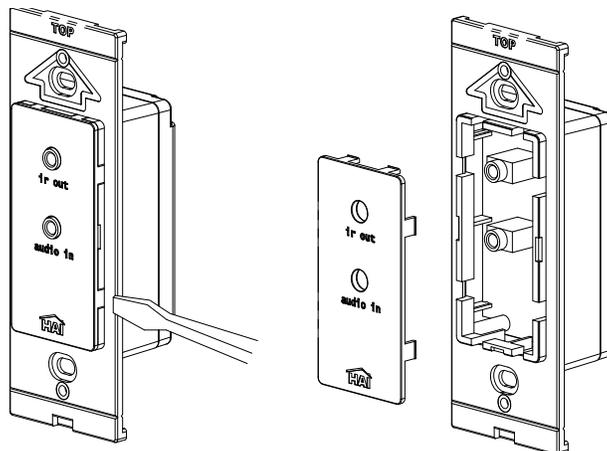
It is best that no single run of Cat 5 exceeds 500 feet.

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 HAI 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.
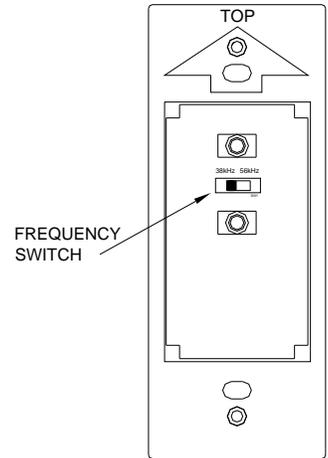
4. Attach the new faceplate.

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.