

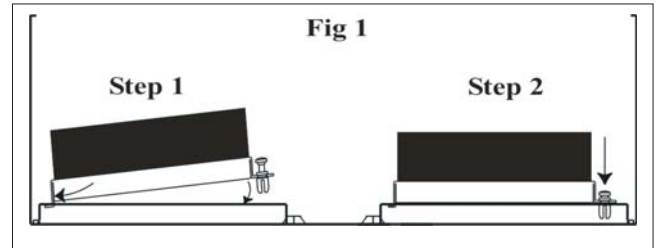
## HMS-104 / 108 MUSIC DISTRIBUTION MODULE & HVC-40W VOLUME CONTROL PLATE

### Description:

The Hills Home Hub<sup>®</sup> HMS-104 and 108 Music Distribution Modules deliver whole house music for up to eight rooms. Since the amplification is done after stereo receiver, it permits true individual volume control at each location. The HVC-40W 40W Stereo Volume Control Plate provides superior performance, this volume control plate increases or decreases volume in ten steps, of 3dB increments each.

### Installation: (see Fig. 1)

To install the module, simply insert the tabs to the cap located on the rail of the enclosure. Press the fastener to lock the module at the desired position.



### Operation / Wire: (see Fig. 2)

Using Cat5/5e cable, connect the music source (such as a receiver or CD player audio out via a wall inlet) to the Music Distribution Module terminals L-G-R labeled "FROM SOURCE". Where - "R" = Right channel, "L" = Left channel, and "G" = Ground.

**Note- Use 1 twisted pair of a Cat5/5e cable for the Left and Right channels.**

Using 14 gauge speaker cable, connect the "IN-R / COM" and "IN-L / COM" from the volume control to the music module terminals L-G-R labeled "TO VOLUME PLATES". Simply strip off wires and insert into the appropriate terminal blocks.

**Note- The speaker cable connected to the music module must be connected to the left hand side of the volume control.**

Using 14 gauge speaker cable, connect the "OUT-R / COM" and "OUT-L / COM" from the volume control to the room "8 ohm speakers". Simply strip off wires and insert into the appropriate terminal blocks.

**Note- The speaker cable connected to the "8 ohm speaker" must be connected to the right hand side of the volume control. Connect the power cable to the DC power module (not included).**

The DC power module contains a 12VDC, 4-pin 5.08mm socket for over 3A current devices and is designed specifically for this music distribution system. Please refer to the figure for wiring.

### Gain/Sensitivity Adjustment

There is a gain/sensitivity adjustment used for tuning the power amplified level. Different audio has different output level, if your audio is a low level output, then you can use gain/sensitivity adjust to increase the gain and get appropriate volume.

