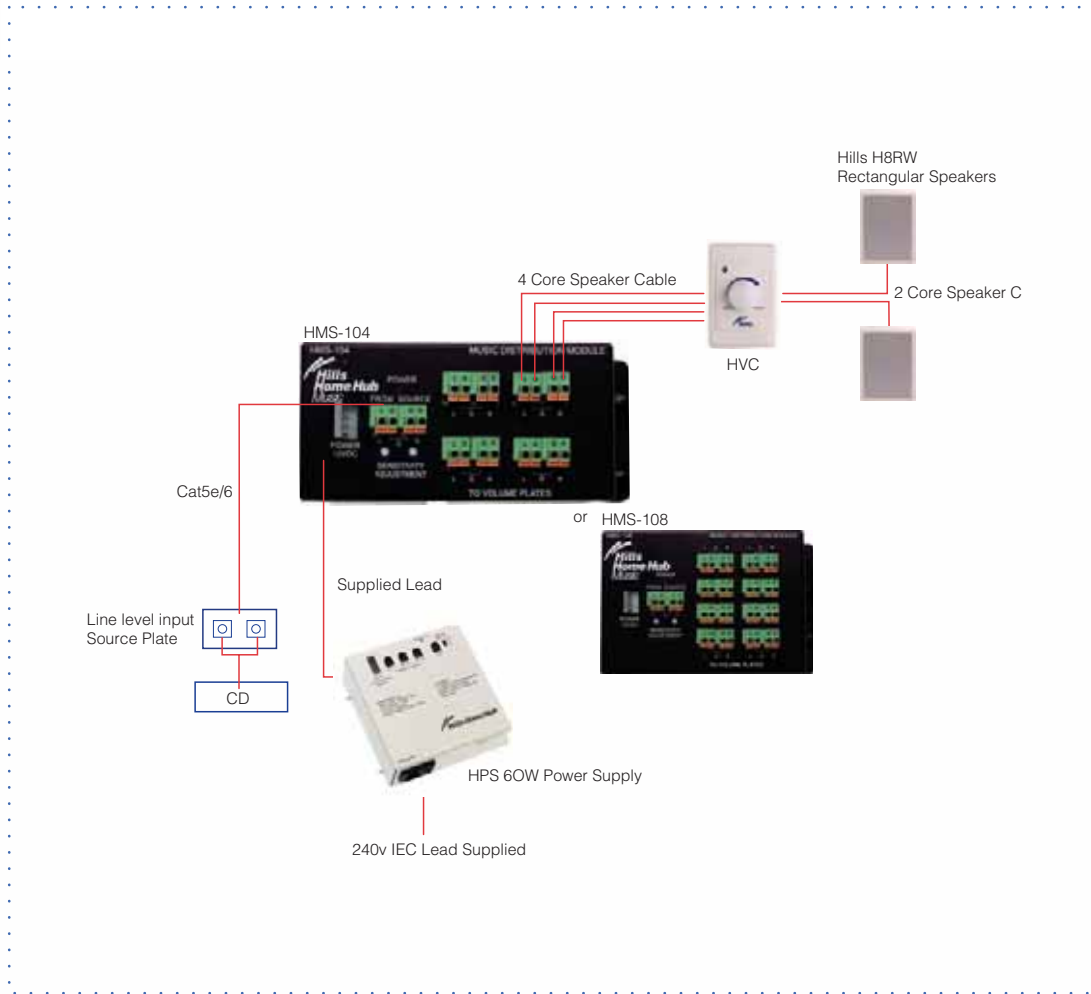




7. Music Modules

The Hills Music Distribution system delivers whole home audio from a single source to 4 or 8 room locations. As the amplification is done at the volume control, it permits true volume control at each location.



Single Audio Sources Distribution Modules

Features

- ▶ Provides a single audio source to up to 8 locations
- ▶ Utilising the HVC-40W volume control plate, each location has independent volume control

Specifications

Dimensions: 104mmH x 165mmW x 54mmD

Max. Wattage: 4 Zone: 20 Watts
8 Zone: 40 Watts

Speaker Impedance: 8ohm

Audio Source: Single

Max. Locations: 4 / 8

Power Input: 12V DC

Connector Type: Press fit terminal block

Ordering Info

- S2122 HMS-104 Single Source x 4 Zone Amplifier
S2123 HMS-108 Single Source x 8 Zone Amplifier



HMS-104 Single Source



HMS-108 Single Source



Installing the Audio Sources Distribution Module

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. (see Fig. 1)

Operation / Wire

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. (see Fig. 2)

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.

Fig 1



Fig 2

