Specifications

Power Handling:
    150 watts RMS per channel
    (suitable for use with 300 watt per channel rated receivers/amplifiers)

Frequency Response:
    20 Hz - 22kHz (+0dB, -0dB)

Wire size acceptance:
    2 or 4 conductor, stranded, 16 AWG to 14 AWG

Dimensions:
    67/8˝ (175mm) W x 33/32˝ (76mm) H x 13/16˝ (30mm) D
    including connectors

Mounting Hole Diameter:
    7/32˝ (5.5mm)

Maximum Number of Volume Control/Speaker Connections:
    8 pairs

Designed for use with Class 2 wiring only

WARNING: THE EA-MR-HUB-1X8 DOES NOT PROVIDE INTERNAL IMPEDANCE CORRECTION. YOU MUST USE IMPEDANCE MATCHING TYPE VOLUME CONTROLS TO PROVIDE AMPLIFIER PROTECTION.
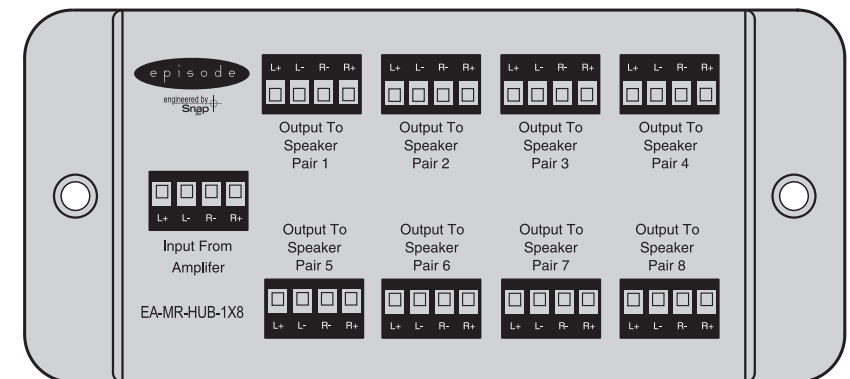
e p i s o d e engineered by Snap av

EA-MR-HUB-1X8

The Episiode® EA-MR-HUB-1X8 is a stereo (two channel), one input, eight output, broad frequency response, volume control distribution hub. The EA-MR-HUB-1X8 provides a simple solution in complex speaker installations providing an easy way to connect from two to eight volume controls and pairs of stereo speakers to a single stereo receiver/amplifier. All outputs are labeled easing both connection and troubleshooting of a system.

Features and Benefits

• Designed for use with Class 2 wiring

• Parallel-connecting block for use with Impedance matching volume controls

• One Stereo Input, eight Stereo Outputs

• Detachable connectors for easy wiring

• Compact size fits standard structured wiring panels

• Heavy-duty PC mounted screw-type connectors, capable of accepting up to 14 AWG wire, provides solid hookup to input and output wires.

• Isolated left/right circuit grounds provide safe connection for amplifiers with floating grounds or bridged configuration.

• High quality, heavy-duty construction throughout provides excellent reliability.

• Intelligent design allows simple installation, easy connection, and trouble-free operation.
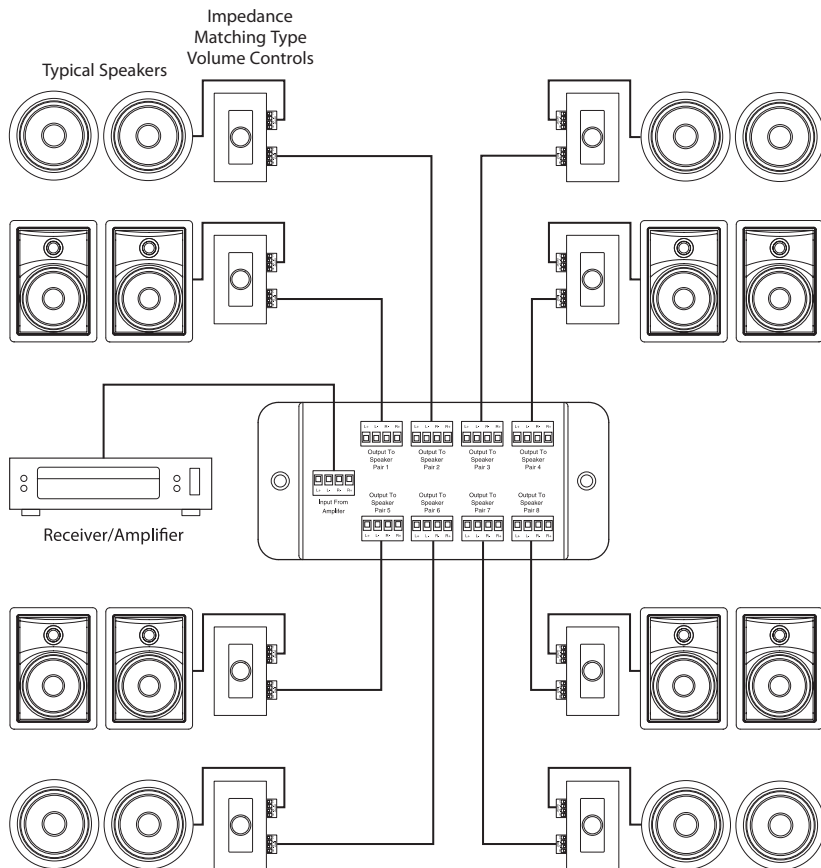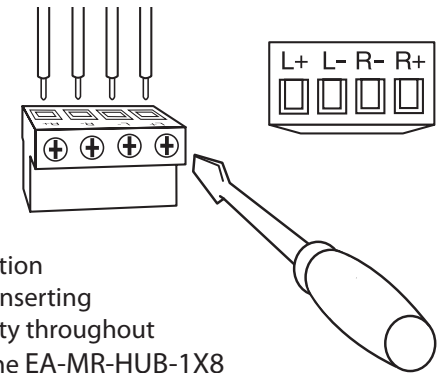

Fig. 1

Mounting and Wiring Instructions

1. The EA-MR-HUB-1X8 is designed to be used in a structured wiring panel or surface-mounted in a central location where all your wires are routed (typically in a basement, utility room, or attic). Secure the EA-MR-HUB-1X8 to a wall or panel using the two mounting holes on each end of the unit. Fig. 1 shows a typical layout for 8 stereo speakers with impedance matching volume controls for a typical home system.

2. Make sure to use properly rated, polarity-identified speaker wire from the receiver/amplifier to the EA-MR-HUB-1X8, then run wires to the volume control/speaker locations. Be sure to leave enough extra wire to make connection to the terminal blocks.

3. Strip about 1/4˝ of insulation from the end of each wire. Connect the exposed bare wire to the removable connector plugs using a small screwdriver as shown to the right.

4. Pay close attention to the identification markings on the connectors when inserting each wire to maintain proper polarity throughout the system from your amplifier to the EA-MR-HUB-1X8 hub, and out to your volume controls and speakers. Be sure to twist the loose strands of each wire together into a tight bundle when inserting it into the small opening of the connector to prevent loose strands from touching each other.

5. Install the connector plugs back on the EA-MR-HUB-1X8 as below.