

Wall Plate Multi-Zone Bluetooth Audio Amplifier Kit

Features

- Lossless Audio - 5.2 & 5.8GHz selectable digital wireless with an advanced channel selection for near lossless audio, provides excellent transmission stability
- Wide Range - Up to 150 feet (45M) operational distance between transmitter and receiver (line of sight)
- High Performance - 24-bit 48KHz full CD quality

high resolution/uncompressed audio

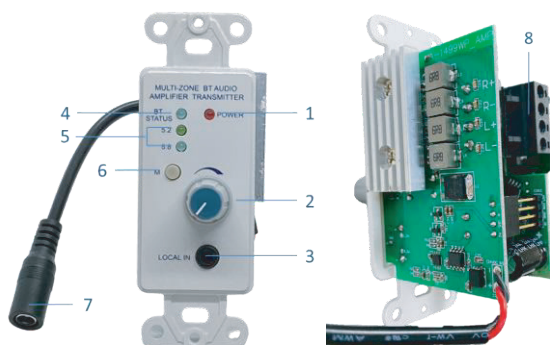
- High efficiency 40Wrms X 2 class D amplifier built-in to connects directly to any passive speakers.

Package Contents:

1. Transmitter (40W X 2 built-in amplifier)
2. Receiver (40W X 2 built-in amplifier)
3. 24V AC Adapter X 2 (for transmitter and receiver)

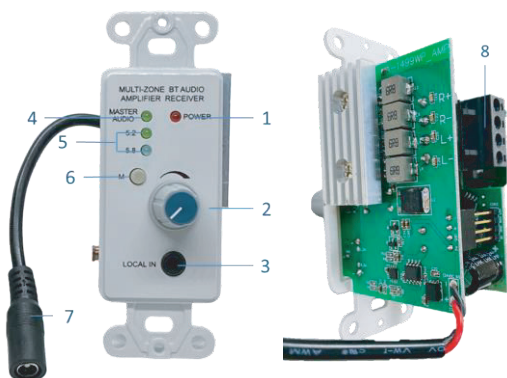
Interface Introduction:

Multi-Zone BT Audio Amplifier Transmitter
(A-1499WPT)



1. Power ON/OFF Indicator
2. Volume Control with Power ON/OFF
3. Local audio input(3.5mm jack)
4. BT Indicator
5. 5.2G/ 5.8G RF Indicator
6. 5.2G/ 5.8G RF Selectable Button
7. 24VDC Power Jack Cable
8. Terminal Output

Multi-Zone BT Audio Amplifier Receiver
(A-1499WPR)



1. Power ON/OFF Indicator
2. Volume Control with Power ON/OFF
3. Local audio input(3.5mm jack)
4. Master BT Audio Indicator
5. 5.2G/ 5.8G RF Indicator
6. 5.2G/ 5.8G RF Selectable Button
7. 24VDC Power Jack Cable
8. Terminal Output

Connect and Operate:

	Master BT audio	Local audio	Audio Priority
Transmitter	BT	3.5mm Stereo plug @ line level	Local > Master
Receiver	BT of Transmitter (via 5.2G/ 5.8G RF)	3.5mm Stereo plug @ line level	Local > Master

Note: The Receiver will output Master BT audio as long as the BT connection is active and the 5.2G/5.8G RF channel remains paired.

BT Indicator LED state (Transmitter)	Statement
Blue led on : 1 sec , off : 2 sec , repeat	All profiles are standby but not connected with any Bluetooth device yet.
Blue led flash every 2 sec	A2DP or HFP is connected.
Blue led flash twice every 2 sec	On A2DP streaming state.
Blue led On: 150ms, Off: 150ms repeat	Enter pairing mode.

5.8G/ 5.2G RF Pairing and LED Status:

Pairing:

1. Ensure the transmitter and receiver LED colors are the same. Long press the “pairing” button for 3 seconds on both units to enter pairing mode. The 5.8G or 5.2G LEDs will blink quickly once in pairing mode.

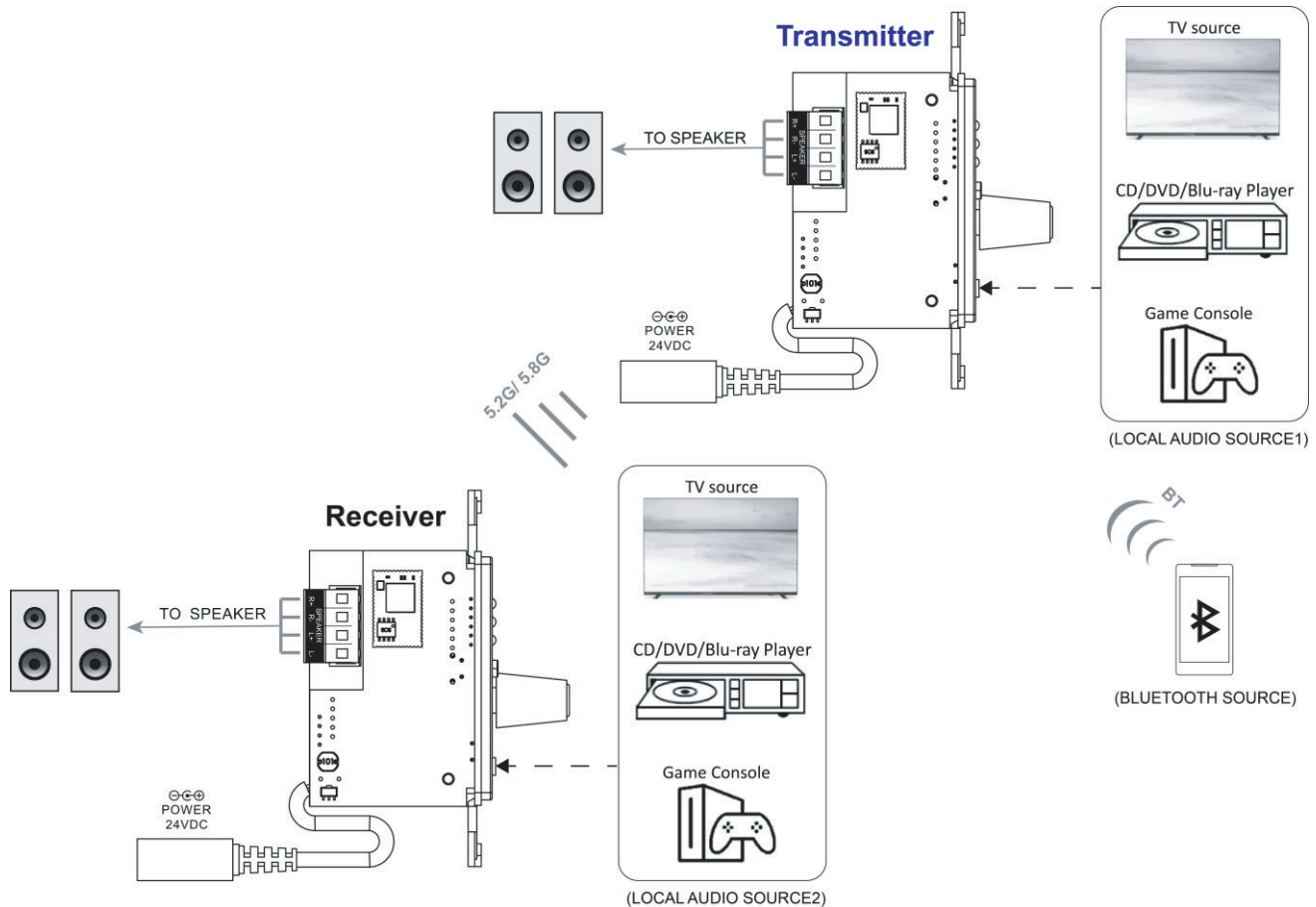
Note: Pairing mode period lasts 20 seconds in case both units are not side by side and buttons are not able to be pushed simultaneously. After 20 seconds, the “pairing” button will need to be pressed and held again to enter pairing mode.

2. Successful pairing is indicated by a solid blue or green LED (depending on which GHz signal is selected) on both the transmitter and receiver.

Note: The transmitter and receiver should be paired automatically out of the box using 5.8GHz by default.

RF Indicator LED state	Statement
Flashing Slowly	Not paired wireless device
Flashing Quickly	Into Pairing Mode
Solid Blue	5.8G mode (as at factory default)
Solid Green	5.2G mode (optional setup)

Operation Diagram:



Common Features:

- Power Source: 24 VDC
- Audio Amplifier :
 - Stereo Class-D
 - Output power: 40W(rms) per channel (@ $RL=4\ \Omega$)
 - THD+N :0.1 % (@ $RL=4\ \Omega$, $f = 1\ \text{kHz}$)
 - Minimum Load Resistance :4 Ω
 - Includes Speaker Protection circuit.
- Wireless Module:
 - Frequency: 5.8G Mode - RF channel 5725~ 5850 MHz
5.2G Mode - RF channel 5135~ 5260 MHz
 - Sampling Rate: 24bit, 48KHz
 - Signal-to-noise ratio: > 80dB
 - Wireless module transmission Range:
 - Max 150ft – line of sight (best result)
 - Max 50ft – through walls and ceilings (not recommend)
 - Frequency Response: Line Level Audio: 20Hz ~ 20kHz
 - Latency: <20ms
 - Max Number of Receivers per Transmitter: 255 pcs

FCC Statement:



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.