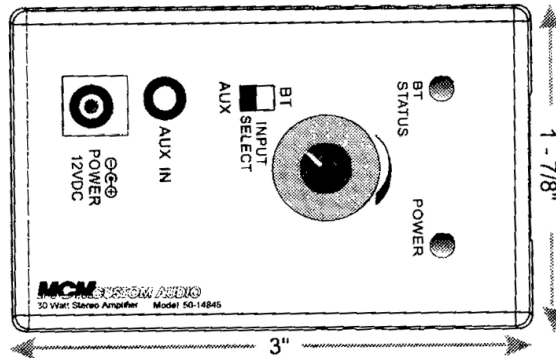


Stereo Audio Power Amplifier w/Built-in Bluetooth Receiver

MCM CUSTOM AUDIO
www.mcmelectronics.com

MODEL 50-14845



Overview:

Thank you for your purchase of this exciting product from MCM Custom Audio. This highly compact amplifier is filled with features that were impossible to provide only a few years ago, at an astoundingly low price. This amplifier accepts L/R audio input from any portable device or line level source, and will drive up to two pairs of 8ohm speakers (one pair of 4ohm speakers). It may be connected to portable MP3 players, iPod's, iPhones, radios and televisions or virtually anything with a headphone output. Also, with appropriate adaptor cable, it may be connected to audio devices such as tape decks, DVD and Blu-Ray players or virtually anything with Left/Right RCA output connectors.

Bluetooth Connectivity:

This amplifier is Bluetooth 3.0 and will receive high fidelity audio from any Bluetooth enabled device. This makes this amplifier the perfect companion to a pair of speakers in most any audio environment. Simply connect to the speakers and power source and you are ready to wirelessly play audio from your smartphone, laptop or anything other Bluetooth device. Pairing is simple, all actions are controlled at the device, access to the amplifier is not required.

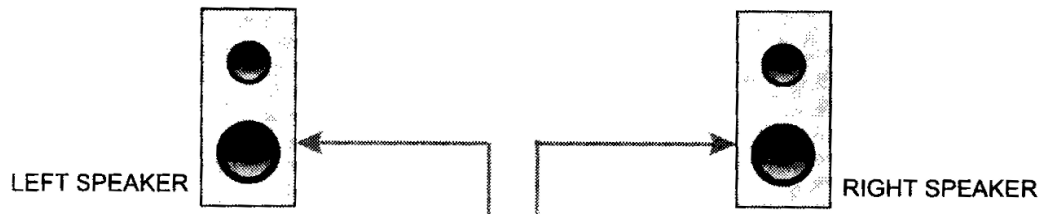
This amplifier can be installed completely out of sight and left powered continuously, allowing easy operation via various portable devices. Ideal uses include, attaching directly to the back of a speaker, installing inside kitchen cabinets to power ceiling speakers, locating out of the way in a workshop, garage, patio or deck (protected from the weather), and connected to a pair of speakers. It is great in the study, den, dorm room or any area where space is limited.

Bluetooth LED Status:

- Power ON: 0.1 seconds on/off flash 3 times
- Pairing OK: 0.5 seconds on/off until link is established
- Link OK: 0.05 seconds on/ 0.2seconds off flash 2 times each for 5 seconds
- Standby: 0.05 seconds on/ 0.2 seconds off flash 1 time each for 5 seconds
- Play music: 0.1 seconds on/ 0.1 seconds off flash 1 time each for 5 seconds
- Link back: 0.05 seconds on/ 0.15 seconds off flash 1 time each for 5 seconds

Specifications:

- Audio Inputs: Bluetooth Receiver or stereo audio line level
- Bluetooth Version: 3.0 EDR compliant
- Bluetooth Receive Distance: 10 Meters
- Power Amplifier Type: Stereo Class-D
- Output power: 15W(rms) per channel (@ RL=4 ohm)
- THD+N : 0.06 % (@ RL=8 ohm, f = 1 kHz)
- Minimum Load Resistance : 4 ohm
- Includes Speaker Protection circuit.
- Power Source: 12 VDC/2A, AC adapter included
- Dimensions: 1-1/16" (H) x 1- 7/8" (W) x 3" (D) , not including knob or connectors



Be sure to observe correct polarity when connecting speakers. Also, remove no more than 1/4" of insulation from speaker wire when connecting to amplifier output. This will ensure that wire strands do not accidentally short between connections.

Setup Diagram

