

Stereo Bluetooth Amplifier Board

DFR0675-EN

Product Overview

7/6/2022

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

DFRobot Stereo Bluetooth Amplifier Board is a small size and cost-effective Bluetooth® 5.0 digital amplifier module with a volume adjustment function. This board connects to two speakers and matches a wide variety of high-power speakers (40W to 200W). This board can also be used as a small Bluetooth speaker when connected to Raspberry Pi or a mobile phone, featuring excellent two-channel stereo sound effects.

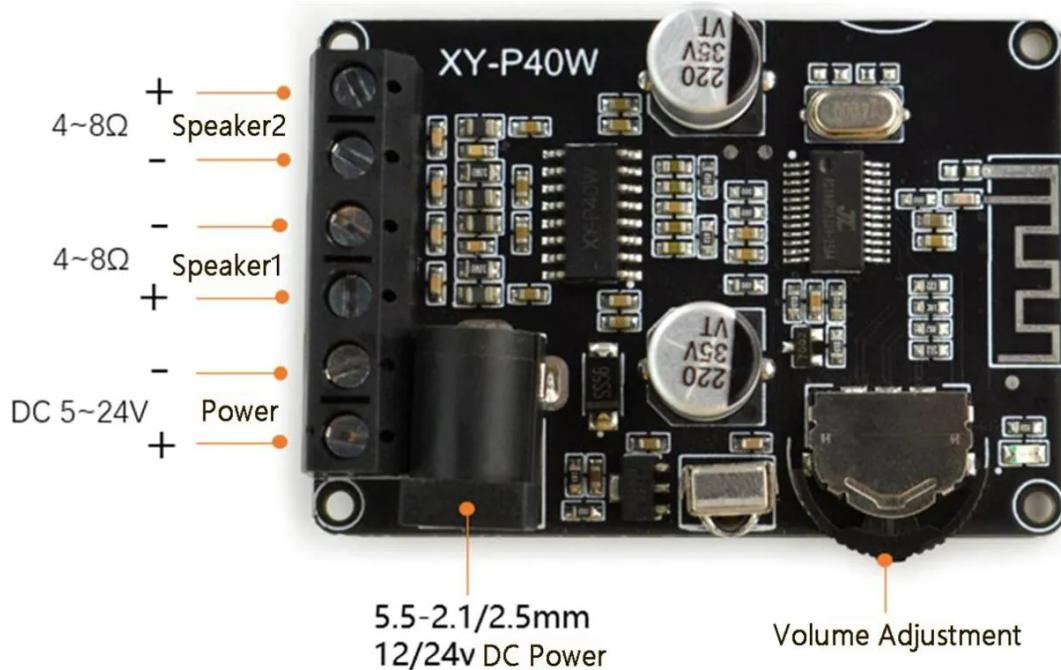


The DFR0675-EN board includes power supply reverse connection protection, and short circuit protection. This amplifier board can be operated with a Bluetooth 5.0 remote control, up to 15 meters of communication distance. The DFR0675-EN board works in an operating voltage range of 5V to 24V.

Features

- 5V to 24V operating voltage
- Bluetooth 5.0
- 15m (visible) transmission distance
- Two (stereo) sound channels
- 4Ω (5V to 16V), 8Ω (5V to 24V) match speakers
- Output power (at 1KHz):
 - 20Wx2 at 12V, 4Ω
 - 30Wx2 at 16V, 4Ω
 - 30Wx2 at 21V, 8Ω
 - 40Wx2 at 24V, 8Ω

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Mouser Part Number

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To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-stereo-bluetooth-amplifier-board/>