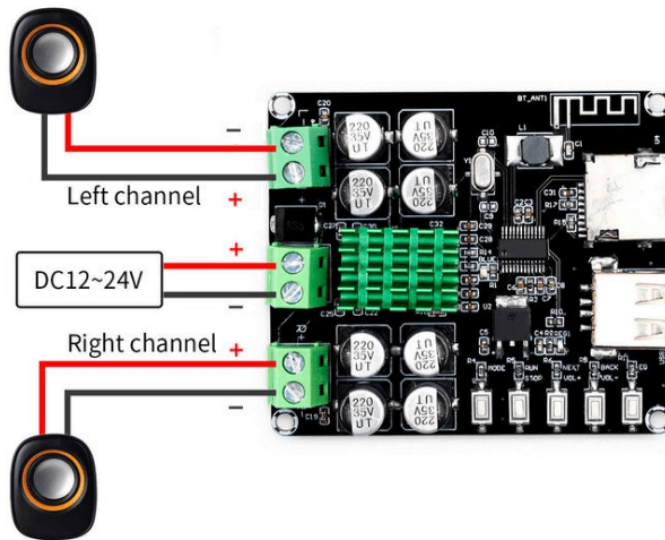


INTRODUCTION

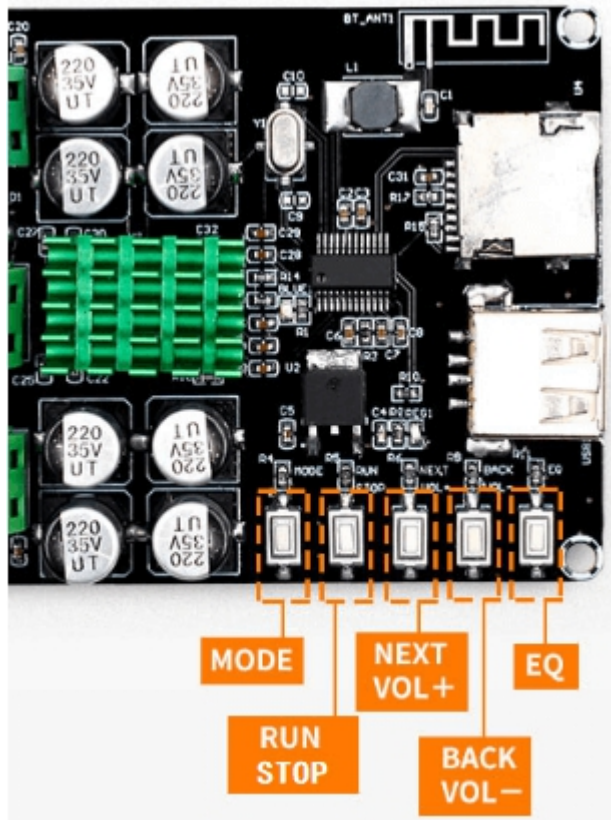
DIY your favorite Speakers with this digital Bluetooth Power Amplifier! This board integrates Bluetooth 5.0, TF card and U-disk, and features 50W output power and dual-channel output and function buttons that can switch playback mode, pause, switch music, control volume, etc. The board should be operated at DC 12V~24V. You can connect it to Raspberry Pi, mobile phones, and other main-controllers with Bluetooth to build up your projects.

The board also comes with a USB-to-Type-C cable for playing audio on your laptop. Connect the board with your PC correctly, revise the audio output device, then all ready!



Operating Instruction

Connect the board with a speaker, power it on, then the red LED lights up. The green LED flashes quickly, and then the board enters Bluetooth mode; Turn on the Bluetooth of your Raspberry Pi or mobile phone, the "VHM-302" will be searched, click to connect it (password 1234). It connects or disconnects successfully with a prompt tone. The Bluetooth will be reconnected automatically when the module is powered on next time. It will play the prompt tone when a U-disk or TF card is plugged in. The input mode can be switched by the MODE button.



MODE: switch mode. When there is no TF-card or U-disk plugged in, the module enters Bluetooth Mode by default. The mode can be switched when plugging in SD-card or U-disk.

RUN: start playing

STOP: pause

NEXT: short-press to skip to the next song

VOL+: long-press to increase the volume

BACK: short-press to skip to the previous song

VOL-: long-press to decrease volume

EQ: adjust sound effects

Note: The board will output adequate power only when the audio input and power source voltage/current are sufficient. The higher the power supply voltage, the larger the output power. Besides that, speaker impedance also changes the amplifier board power output. Please note that in the case of enough voltage and current, the larger the speaker impedance in ohms, the smaller the output power.

SPECIFICATION

Power Supply: 12-24V

Output Power: 50W*2

Channel: left/right channel(stereo)

Bluetooth Version: 5.0

Bluetooth Transmission Distance: 15m (without any obstacle)

SHIPPING LIST

- Digital Bluetooth Power Amplifier(50W*2) x1
- Manual x1