

DESCRIPTION

Features:

1. Newly upgraded Type-C interface;
2. Low-power bluetooth design scheme, support the latest bluetooth 5.1 transmission, two-channel stereo lossless playback;
3. After the module is connected to Bluetooth, it can quickly realize Bluetooth wireless transmission, which is very convenient;
4. In an open environment, the Bluetooth connection distance can reach 20 meters;
5. Widely used in various Bluetooth audio reception, various audio DIY modification, etc.

Parameters:

No. Pin Description

- 1 5V positive power supply 5V
- 2 GND Negative pole of power supply
- 3 VBAT Lithium battery positive 3.7-4.2V
- 4 L+/L- Left channel output (directly connected to the speaker)
- 5 R+/R- Right channel output (directly connected to the speaker)

Description:

1. Power supply: It can be directly powered by Type-C 5V, or it can be connected to a 5V power supply or a 3.7V lithium battery (as shown in the figure below). Note that the 5V and 3.7V power supply interfaces are different, 5V is connected to 5V and GND, and the 3.7V lithium battery is connected to VBAT and GND.
2. The maximum operating current is 5V2A, it is recommended to use a 5V2A regulated power supply for better sound quality.

3. Driver-free (plug and play). Connect the module to the computer with a USB data cable, and the computer can play music through the power amplifier output of the module

4. Audio output: Output left and right channel stereo audio signals, can be connected to two 2-8Ω, 3-5W speakers respectively, and 4Ω5W speakers are used for push and storage.

5. This product has its own dual 5W power amplifier circuit, and it must not be used with another power amplifier! The output of the two power amplifiers cannot be connected in parallel or the negative poles are connected together, otherwise the power amplifier chip will be damaged.

Precautions:

1. Signal interference: The Bluetooth antenna is extremely susceptible to interference from high-frequency or strong electromagnetic signals, so try to place it as far away as possible from sending wireless and other devices. And the board can't be close to the metal objects, keep a certain distance.

2. If there is a current sound when connected to the power amplifier board, the cause is caused by the interference of the ground wire. It is recommended not to use plug-in wires at the output end of the Bluetooth module. We need welding wires, especially the ground wires, and the wires should not be too long, the shorter the better. , as thick as possible. If the audio ground is at the ground point of the power amplifier board, it needs to be connected to the ground at the audio input end of the power amplifier. This ground point can be soldered at different positions to achieve the lowest current sound. It is recommended that the Bluetooth and the power amplifier board be powered separately, and the Bluetooth ground and the power amplifier ground be isolated.

3. Since this product is designed as a bare board, try not to touch the components on the board with your hands, which will easily cause static electricity to kill the chip and cause it to burn.

The package includes:

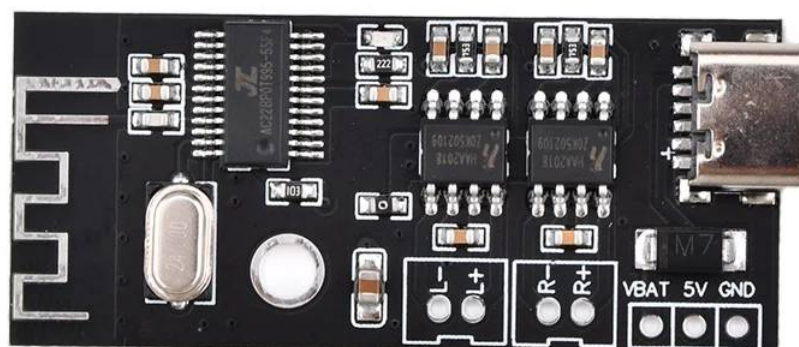
1x module

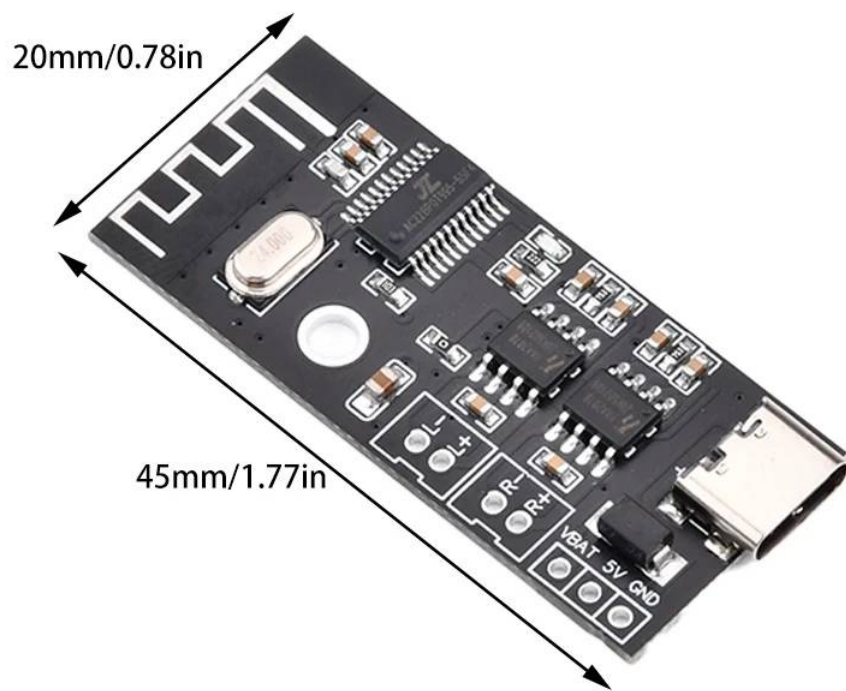
1x cable

2x terminals

PICTURES

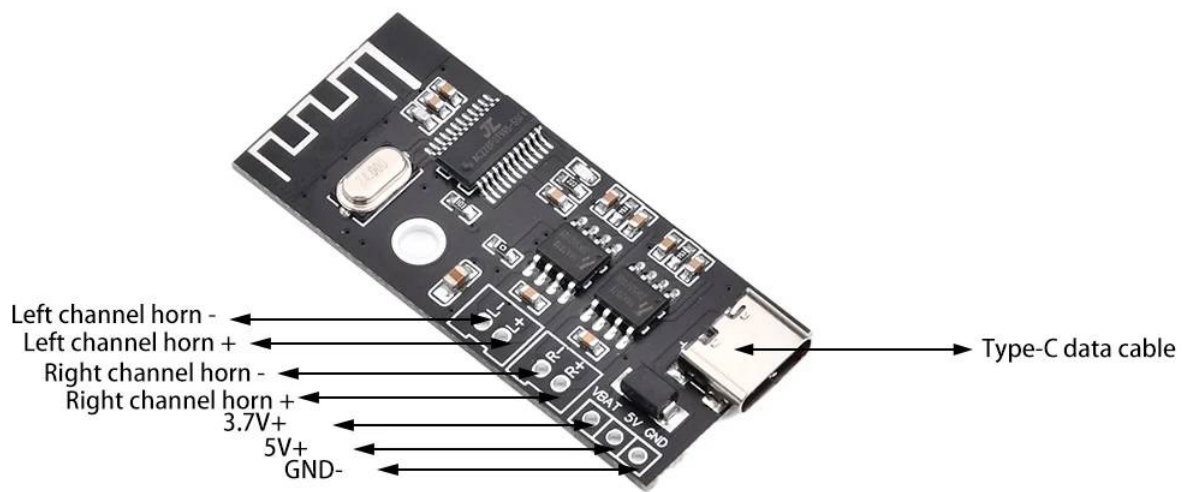






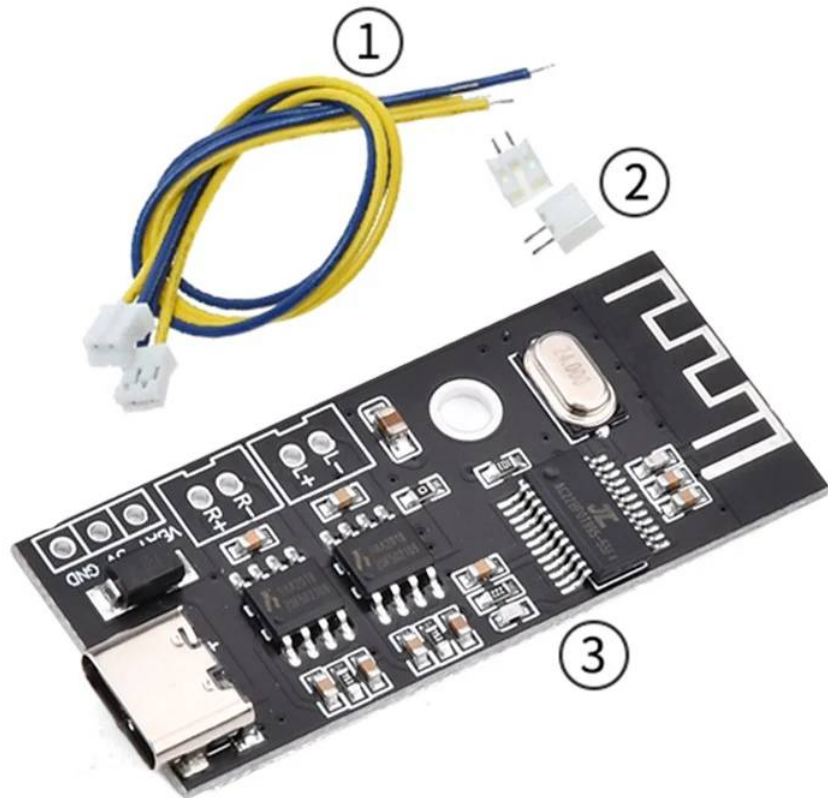
MH-M38 Wiring Diagram





MH-M38 Delivery List

- 1: 15CM cable XH2.0 interface * 2
- 2: XH2.0 wiring base * 2HO
- 3: M38 Bluetooth audio receiving module * 1







SHOPPING GUIDE



PAYMENT



SHIPMENT

Shipping Method	Courier	Shipping Time
Express Shipping	DHL Express	About 3-10 days
	EMS Shipping	About 3-10 days
Standard Shipping (for order over USD5)	Aliexpress Standard Shipping	About 20-45 days
	Registered Air Mail(china post/e packet-only for USA)	About 40-60 days
Economy Shipping (for order under USD5)	Economy Post(finland economy/ SG economy/China economy)	About 40-60 days

FEEDBACK



If you have any problems about the order, please feel free to contact us.

Item as described : ★★★★★ 5 STAR
Communication : ★★★★★ 5 STAR
Shipping speed : ★★★★★ 5 STAR

If satisfied with our products, kindly leave a 5-star rating and share with your friends.