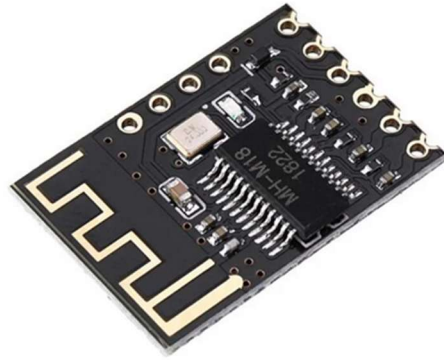


H-M18 Bluetooth 4.2 Audio Receiver Module



Function Description

Bluetooth V4.2 version, supports Bluetooth automatic connection technology, supports WAV/WMA/FLAC/APE/MP3 lossless decoding, stereo dual channel output.

After the module is powered on, the mobile phone searches for the Bluetooth name MH-M18/MH-M28/MH-M38, and can play music after connecting Bluetooth.

MUTE mute control terminal: used to control the power amplifier board. When muting, MUTE outputs a high level of 3.3V, and outputs a low level during playback.

KEY button control: This function requires additional connection of resistors and buttons.

Volume power off function: The default output is 100% volume. Press the button to control the volume increase and decrease. If the control volume is less than 15%, the volume output will be 15% after re-powering; if the control volume is greater than 15%, the original volume will remain unchanged after power-on.

Description

This MH-M18 Wireless Bluetooth Audio Receiver Board is a low power design solution, which supports the latest Bluetooth 4.2 transmission. Convert your old speakers into a Bluetooth equipped speaker with the help of this module. With a maximum range of 20 meters.

Applications:

1. Conversion of old speakers into Bluetooth speaker
2. DIY Bluetooth speakers

Note: This Product is available in two different variant of IC chip (HW-425 ,MH-M18 and JL AS208PO1429-25C4) with same working, we will ship it randomly

Features:

1. Support WAV/WMA/FLAC/APE/MP3 lossless decoding, stereo two-channel output
2. Support Bluetooth Protocol HFPV1.7, A2DPV1.2, AVRCPV1.5, AVCTPV1.2, AVDTPV1.2
3. Maximum Transmission Distance of 20 meters.
4. Can be powered via lithium Battery.

Package Includes:

1 x MH-M18 Wireless Bluetooth Audio Receiver Board Module BLT 4.2 mp3 lossless decode

PIN NO	Function	Description
1	KEY	Button control terminal (4 button functions, additional resistors such as wiring diagram)
2	MUTE	Mute control terminal (output high level 3.3V when muting, output low level during playback)
3	VCC	Positive power supply 5V (lithium battery 3.7V power supply requires short circuit diode)
4	GND	GND
5	L	Left channel
6	R	Right channel

	M18	M28	M38
MICRO USB (power supply)	×	√	√
Audio headphone jack	×	√	×
Built-in amplifier	×	×	√ (5W+5W)
Lithium battery powered	√	√	√
Support USB sound card(free drive)	×	×	√
Volume memory/adjustment	√	×	×
MUTE interface	√	×	×
Button extension	√	×	×
Bluetooth version	Bluetooth V4.2		
Support Bluetooth protocol	HFPV1.7、 A2DPV1.2、 AVRCPV1.5、 AVCTPV1.2、 AVDTPV1.2		
Format support	WAV/WMA/FLAC/APE/MP3 lossless decoding, stereo dual channel output		
Operating Voltage	5V/3.7V-4.2V		
Not connected broadcast status	5.5MA		
Connection work status	20MA		
Deep sleeping	3UA		
Transmission distance	20M (MAX)		
Operating temperature	"-40°C-+85°C		
Sensitivity	"-87dbm		

