

- Q: Why is there a loud current sound or buzzing sound on the speaker?
- A: 1. Please use the original power supply. Many power supplies in the market have interference, which will cause current sound.
2. When using unshielded signal cable in no load, there will be interface signals. Please use the shielded signal cable or unplug it.
3. If there is still noise after eliminating above situations, please confirm whether it is external noise or internal noise. Disconnect all inputs and only retain power supply and power cable. If the noise disappears, it is from audio input; if the noise is still there, it is possibly caused by the power supply or the internal of M5.1.
- Q: Why there is no sound or very little sound after the amplifier is connected to the speaker?
- A: 1. Please check the audio source has been turned on and the volume is not at the minimum.
2. Please confirm whether the speaker and amplifier match (For example, the speaker is fixed resistance or fixed voltage, the power of speaker is too much over the power of the amplifier etc).
- Q: What are the reasons for the unbalanced left and right volume of the speakers and how to eliminate them?
- A: Please check audio source, input cable, volume potentiometer (some amplifiers have balanced control or separate volume control of left and right channel), speaker cable, speakers (whether the position and the distance is symmetrical) and other factors.
- Q: Why Bluetooth cannot be searched? How to switch to Bluetooth mode?
- A: Press the power button to switch to BT mode, there will be blue light flashing, then use your phone or tablet to search and click to connect it, then play music.

— 5 —

- (The Bluetooth name may different in different models of products).
- Q: Why does the Bluetooth playback lag or even disconnect?
- Why is the Bluetooth background noise/current noise obvious?
- A: Please check whether the Bluetooth antenna is installed correctly, whether there is interference or blocking (such as WiFi router / wireless telephone / FM radio, etc., since they may be in the same frequency band as Bluetooth, and inductive loads such as fans/refrigerators/air conditioners will also cause some interference), whether the Bluetooth is blocked or too far away from the device (more than 15 meters).
- Q: Can M5.1 be connected to my computer via Bluetooth?
- Why is there no sound when connected to PC?
- A: Compared with phones, computers with poor compatibility and troublesome operations when using Bluetooth. Need the computer with Bluetooth function and to update the driver and set the output device to Bluetooth after connection.
- Q: Why is there no music output after inserting a U-disk?
- A: Please confirm the format and capacity of the U-disk, as well as the file format of the U-disk (only supports U-disk in FAT32 format within 64G).
- Q: Why is U-disk playback sometimes laggy?
- A: In general, MP3/FLAC/APE/WMA/WAV and other common formats are supported, please confirm the file format of the U-disk. (Please put the music files under root directory, don't create a new folder or don't play other unsupported files, or else there may be an error).
- Q: Why is there a thumping sound when switching on/off?
- A: Please confirm the on-off sequence is correct, normally it follows the order of signal transmission when turn on: audio source → preamp /

— 6 —

DAC → amplifier → speaker. (The sequence is reversed when switching off. As the internal capacitors will be discharged for a while after shutdown. If turn off the preamp firstly and then turn off amplifier, impact sound will be easily caused which may damage the amplifier or speaker in severe cases).

Warning

1. Please do not open the shell by yourself, improper operation may cause a risk of electric shock.
2. Please use the regular manufacturer's switching power supply, otherwise there will be the risk of damage to M5.1.
3. Please do not use M5.1 in a high temperature or humidity environment.
4. Default with one 24V/4.5A power supply, can satisfy the needs of most home speakers. If you want higher output, please prepare another one by yourself.
5. RCA indicator means 2.0 channel input, and 5.1 indicator means 5.1 channel input. When switching to 5.1 channel input mode, the 6 input signals and 6 output speakers should correspond to each one.
6. Long press play/pause button can switch to 2.1 or 5.1 channel output mode. When switching to 5.1 channel output mode, any input modes can achieve 5.1 channel output.

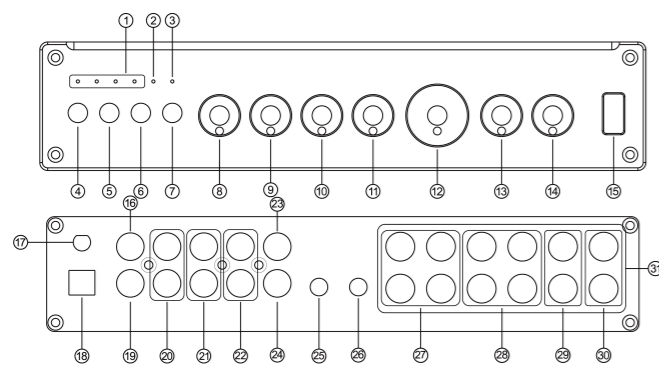
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— 7 —



M5.1 front & back panel



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|---|--|
| ① Input mode indicator | ⑰ Bluetooth antenna base |
| ② 2.1 channel output indicator | ⑱ Optical input |
| ③ 5.1 Channel output indicator | ⑲ Low-frequency output (connect to active subwoofer) |
| ④ On/off/switch channel (short press:on/switch channel, long press: turn off) | ⑳ RCA input(White:left channel, red:right channel) |
| ⑤ Previous song | ㉑ 5.1 Front left/right audio input |
| ⑥ Short press: pause/play, long press: switch between 2.1/5.1output modes | ㉒ 5.1 Surround left/right audio input |
| ⑦ Next song | ㉓ Subwoofer audio input |
| ⑧ Subwoofer volume knob | ㉔ Central audio input |
| ⑨ Center volume knob | ㉕ Auxiliary power interface (used as power compensation) |
| ⑩ Surround volume knob | ㉖ Main power interface (DC 15-24V) |
| ⑪ Front volume knob | ㉗ 2.1 Left/right speaker interface/ 5.1 front left/right speaker interface |
| ⑫ Main volume knob | ㉘ 5.1 Surround left/right speaker interface |
| ⑬ Bass knob | ㉙ 5.1 Center speaker interface |
| ⑭ Treble knob | ㉚ Subwoofer output |
| ⑮ U-disk input | ㉛ 5.1 Speaker interface |
| ⑯ Coaxial input | |

— 1 —

Operation steps

1. Connect the 24V/4.5A power adapter to the main power interface of M5.1.
2. ① 2.1 channel output: connect the passive speaker to the front and subwoofer output of M5.1.
- ② 5.1 channel output: connect the passive speaker to the front / surrounded / center / subwoofer outputs of M5.1. Also with a low-frequency output can connect to an active subwoofer.
3. Bluetooth input
Short press power button and switch to Bluetooth input mode (There will be blue indicator flashing.), turn on Bluetooth on your phone, search and click to connect, the blue indicator will be steady blue after successful connection.
4. U-disk/Coaxial/Optical/RCA input
 - U-disk input: Insert the U-disk to the USB interface of M5.1, and then short press power button to power on and switch to USB input, the red indicator will be on.
 - Coaxial input: Connect the audio source to the coaxial interface of M5.1 via coaxial cable, and then short press power button to power on and switch to coaxial input, the "COAX/OPT" indicator will light on blue.
 - Optical input: Connect the audio source to the optical interface of M5.1 via optical cable, and then short press power button to power on and switch to optical input, the "COAX/OPT" indicator will light on red.
 - 2.1 channel input: If you only want 2.1 channel audio input, connect audio source to the 2.0 channel RCA interface(⑳) of M5.1 via RCA cable, and then short press the power button to power on and switch to 2.0 channel RCA input mode.
 - 5.1 channel input: If you want 5.1 channel audio input, connect audio source to the 5.1 channel RCA interface(㉒㉓㉔) of M5.1 via RCA cable, and then short press the power button to power on and switch to 5.1 channel input mode. After selecting the audio input mode, please long press the play/pause button to switch to 2.1 or 5.1 channel output mode.
5. Play music on your audio source devices, and then you will hear HiFi music from the speakers, then you can rotate the knobs to adjust the main / sub / center / surrounded / front volume, and adjust the treble and bass knob to get more delicate sound.
6. After listening, please long press the power button to shut it down, then disconnect the power adapter.

— 2 —

Parameters

Audio input	Bluetooth 5.0 / Coaxial / Optical / U-disk / 2.0 Channel RCA / 5.1 Channel RCA
Audio output	5.1 channel banana speaker jacks / Low frequency out (connect to active subwoofer)
Maximum output power (@4 Ω 24V/ >4.5A)	Front main channel: 50W+50W Surrounded channel: 50W+50W Center channel: 50W Bass channel: 50W
Frequency response	20Hz-20KHz (±1.5dB)
Bass frequency response	40Hz-160Hz
Input sensitivity	0.775V
SNR	>100dB
THD	0.05% @1kHz
Treble&Bass range	±6dB
Working voltage	DC 15-24V
Max. supported storage of U-disk	64G
Supported formats of U-disk	MP3 / WAV / WMA / APE / FLAC
Supported sampling rate	U-disk: 16Bit / 44.1-48KHz Bluetooth: 16Bit / 44.1-48KHz Coaxial: 16-24Bit / 44.1-192KHz Optical: 16-24Bit / 44.1-192KHz
Package weight	1.8kg / 3.97lb
Package dimensions(W*D*H)	410*205*83mm / 16.14*8.07*3.27in

— 3 —

FAQ

- Q: Why are all cables connected but there is no sound?
- A: 1. Check the channel indicator light of M5.1:
- ① If it can light up normally, please check if the corresponding input mode is selected.
 - ② If it cannot light up, please use another 15-24V power supply to detect whether the fault is the power supply or M5.1.
2. If the indicator light is on but there is no sound, so the power supply is normal. Please continue to check according to the order of audio signal transmission: audio source → audio cable → preamp/decoder→ amplifier → speaker.
3. If all is fine, please check whether the audio source is muted, paused or the volume is too small.
- Q: Why is the sound distorted? How to adjust the treble, bass and main volume?
- A: Maybe the input amplitude is too large. If the volume of audio source and M5.1 both are turned to maximum, it is easy to cause distortion. Please turn down the main volume of audio source or M5.1. In general, adjust the volume of amplifier to about 60%, then fine-tune the volume of preamp (distortion will be greatly reduced in this way); the treble and bass are usually adjusted according to the music style/device types/ personal preference.
- Q: Why does the volume of different audio sources(such as changing CD player to phone) differ when the volume of M5.1 is unchanged?
- A: Different audio devices can output different signal amplitudes, for example, the phone usually is 0.35V, while CD player is 1V.

— 4 —