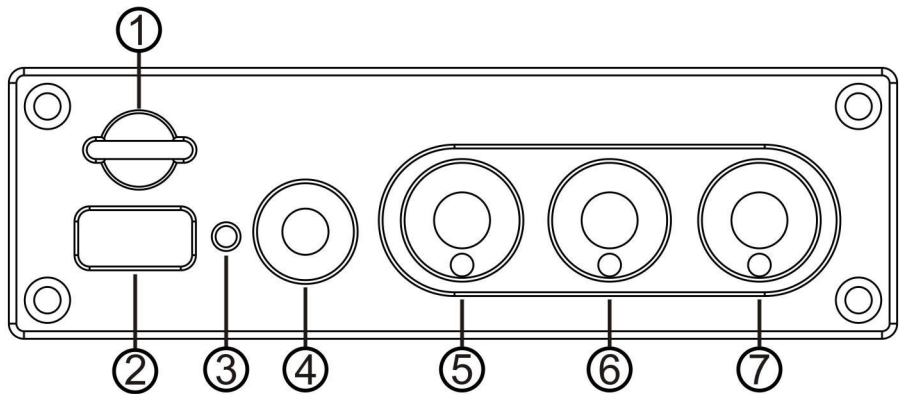


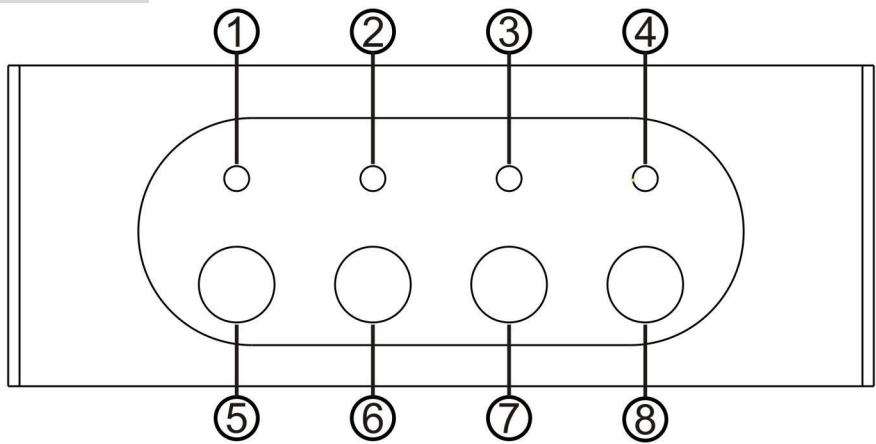
非常感谢阁下购买本公司产品!在使用产品前, 请阁下认真阅读本说明书内容。

前面板功能说明:



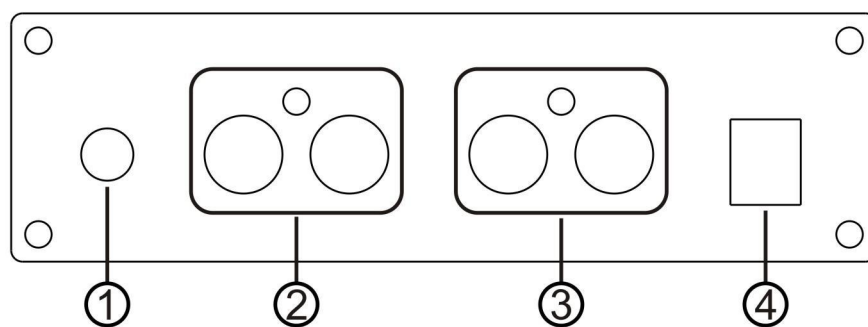
- 1TF卡槽
- 2U盘接口
- 3IR红外接收
- 4耳机放大接口
- 5低音旋钮 (顺时针低音增多, 逆时针低音减少)
- 6中音旋钮 (顺时针中音增多, 逆时针中音减少)
- 7高音旋钮 (顺时针高音增多, 逆时针高音减少)

顶面功能说明:



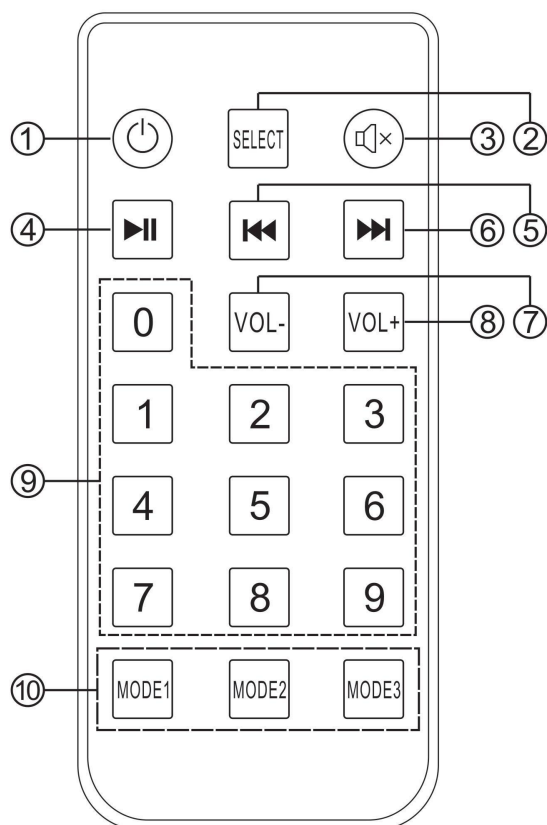
- 1RCA通道指示灯
- 2蓝牙通道指示灯
- 3U盘通道指示灯
- 4TF通道指示灯
- 5开关机/通道选择键(短按开机, 再短按切输入通道, 长按关机)
- 6上一曲/音量减 (短按上一曲, 长按音量减, 音量最小时RCA灯闪烁)
- 7播放/暂停键
- 8下一曲/音量减 (短按下一曲, 长按音量加, 音量最大时TF灯闪烁)

后面板功能说明:



- 1蓝牙天线
- 2音源输入接口（比如CD、DAC解码器、手机、电视等，红色接右声道输入，白色接左声道输入）
- 3音源输出接口（比如功放、耳放、有源音箱等，红色接右声道，白色左声道）
- 4电源接口（DC电源不得超出12V）

遥控器按钮功能：



- ①.....待机开关键
- ②.....输入通道选择键
- ③.....静音键
- ④.....播放/暂停键
- ⑤.....上一曲
- ⑥.....下一曲
- ⑦.....音量减

- ⑧.....音量加
- ⑨.....数字选曲按键区
- ⑩..... MODE1-MODE3为功能预留键，本产品无功能

操作步骤：

1. 确定VOL旋钮为最小状态。
2. 将随机配的电子管按方向装入电子管座（电子管不分左右，安装电子管前检查下引脚有没有变形，变形可用手拨正）。
3. 将需要使用的音源接到音源输入接口
4. 将需要外接的后级设备接到音源输出接口。
5. 接上DC12V电源。
6. 开关机后调到对应输入通道。
7. 按轻触开关调到合适的音量。
8. 低音/中音/高音可分别调整。

规格参数：

耳机最大输出功率	100mW/32 Ω	失真	0.05%
耳机匹配阻抗	16-64 Ω	信噪比	≥98dB
工作电压	DC 12V	裸机尺寸	128*118*36mm
输入灵敏度	0.775V	整机重量	0.56kg
低中高音调整范围	±6dB	包装尺寸	240*210*63mm
频率响应	20Hz-20kHz (±3dB)	支持音乐格式	MP3, WMA, APE, FLAC, WAV

常见问题：

问：我所有线都连接好了，但是没有声音输出？

答：1. 检查工作指示灯是否亮，如果没亮轻触开关键开机。按开机键后指示灯依然不亮，更换一个同等电压输出的（必须是12V）再测试。
2. 如指示灯亮，按音量加检查音量是否太小。
3. 如以上两点都正常，检查输入音源的播放设备是否暂停了、静音了或者音量处于最小状态。

问：为什么我的蓝牙距离很短，不到3M？

答：蓝牙工作频段为2.4GHz，与路由器工作频段一致，相互之间会有干扰，先排查机器周边2.4GHz工作频段机器。如果依然很短，确定机器与手机是否有障碍物遮挡，蓝牙有遮挡会影响传输距离。

问：为什么声音出现破音？

答：这款产品为前级产品，也是有放大作用的，如果后级设备音量调到最大，而前级也调到最大，那就很容易失真，此时你只需要将前级或后级音量调小一些就可以。

问：为什么机器音量不变，而接入不同的音源（如先接CD再换成手机）声音大小却不一样了？

答：不同的播放设备输出电信号幅值是不一样的，比如手机通常是0.35V，而CD则是1V。自然声音大小是不一样的。

问：为什么我插上输入线后不接播放音源，音箱会有很大的嗡嗡声？

答：使用了不带屏蔽的信号线空载时，会有干扰信号进入到功放进行放大，如你讨厌这个声音建议你更换带屏蔽的信号线，或者拔掉信号线。

问：为什么胆前级买回来开始听声音很硬，三频不是很清晰，但是工作1天后就正常了？

答：电子管是一个很敏感的器件，温度一般要达到一个程度才能发挥最好的效果，所以一般开机预热半小时左右后声音就很自然。

问：我可以更换电子管升级吗？

答：可以的，目前我们出厂有测试匹配过6J1/6J2/6J4/6J5/GE5654/6AK5/6*1n, 可以直接替换的，不同电子管声音会有很大区别。

问：我更换电子管可以不断电直接拔插吗？

答：不可以，这样非常容易把电子管烧坏，因为机器内部是高压工作的，热插拔电子管烧坏还有可能损坏机器。

问：这款机器可以接留声机/电唱机吗？

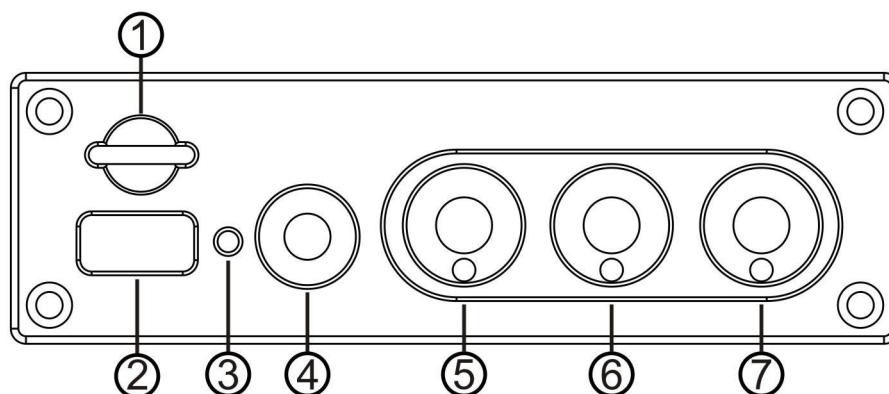
答：目前这款还不支持留声机/电唱机信号输入，因为留声机/电唱机输出电信号幅值很小，需要增加唱机放大器。

敬告：

1. 请勿私自打开外壳，操作不当可能会引起触电的危险。
2. 请使用正规厂家的开关电源，否则会损坏机器的风险。
3. 请勿将机器放置在高温高湿环境下工作。
4. 请勿在通电状态下拔插更换电子管，否则会烧坏你的电子管和机器。
5. 请勿更换不匹配的电子管型号，否则会烧坏你的电子管和机器。

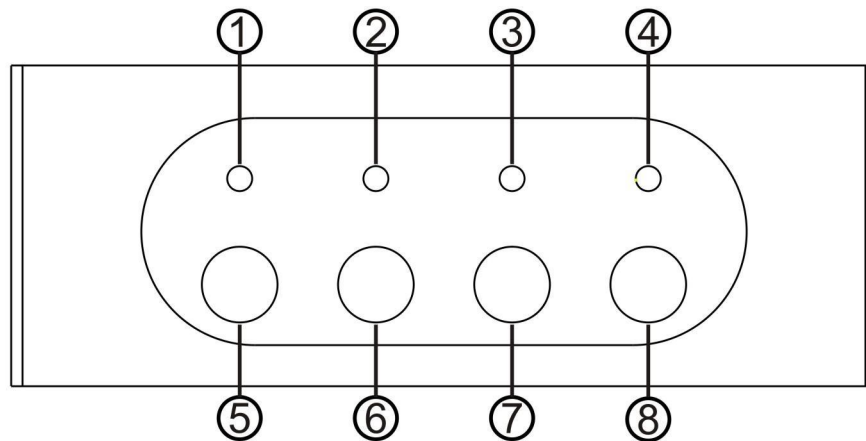
Thank you very much for choosing our products!Please read this manual carefully before using the product.

Front function description:



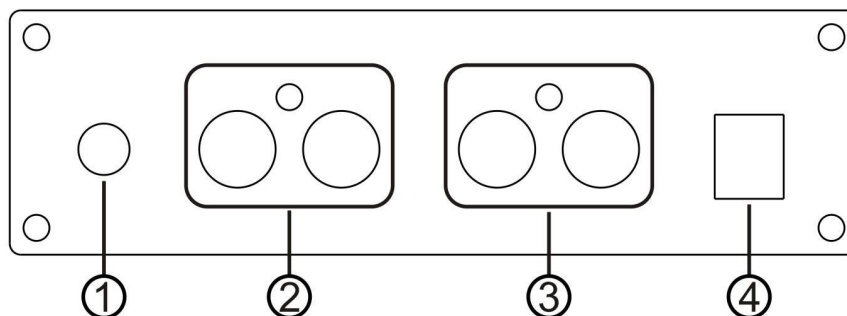
- 1TF card slot
- 2Usb interface
- 3IR infrared reception
- 4Earphone amplifier jack
- 5Bass knob (clockwise bass increased, counterclockwise bass decreased)
- 6Midrange knob (clockwise tenors increase, counterclockwise tenors decrease)
- 7Treble knob (clockwise treble increased, counterclockwise treble decreased)

Top function description:



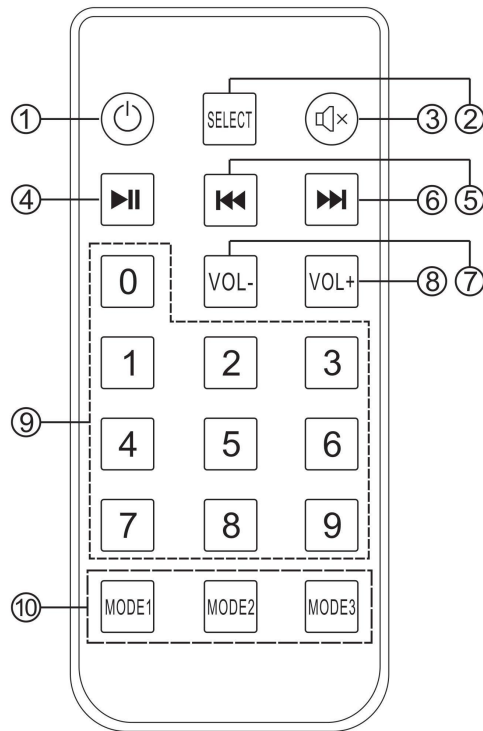
- 1RCA work light
- 2Bluetooth work light
- 3USB work light
- 4TFcard work light
- 5Switch power/channel selection key (short press to start, then short press to cut the input channel, long press to shut down)
- 6Prev/Volume down (short press the previous track, long press the volume down, the minimum volume RCA light flashing)
- 7Play/pause
- 8Next/ Volume down (short press Next, long press volume up, TF light flashes when volume is at its maximum)

Function description of back board:



- 1Bluetooth antenna
- 2Audio In (Such as CD、DAC、Mobile、TV etc, (Such as CD, DAC decoder, mobile phone, TV, etc., red to right channel input, white to left channel input)
- 3Audio Out (Such as amplifier, Earphone amplifier, active speaker, red to right channel input, white to left channel input)
- 4Power Plug (DC power cann' t beyond 12V)

Functions of remote control buttons:



- ①.....Standby
- ②.....Enter the channel selection key
- ③.....mute
- ④.....Play/pause
- ⑤.....PREV
- ⑥.....NEXT
- ⑦.....VOL-
- ⑧.....VOL+
- ⑨.....number keys area
- ⑩.....Model-mode3 reserved key for function, this product has no function

Operation Steps:

- 1 .Make sure the VOL turnto theminimum
- 2 .Install the tube into the base of the tube according to the direction (the tube is not left or right, check whether the pin is deformed before installing the tube, and the deformation can be corrected by hand).
- 3 .Connect the sound source that needs to be used.
- 4 .Connect the external post equipment to the audio source output interface.
- 5 .Connect the DC12 power supply
- 6 .Turn on the power switch
- 7 .Press the tap switch to set the volume to the right level
- 8 .Bass/alto/treble can be adjusted separately.

Specifications:

Headphone Max power output	100mW/32 Ω	THD	0.05%
Headphone matching impedance	16-64 Ω	SNR	≥98dB
Working voltage	DC 12V	Bare metal size	128*118*36mm
Input sensitivity	0.775V	Total Weight	0.56kg
Bass/mid/treble range adjustment	±6dB	Package Dimension	240*210*60mm
Frequency response	20Hz-20kHz(±3dB)	Support music format	MP3, WMA, APE, FLAC, WAV

Frequently Asked Questions:

Q: I have all the wires connected, but no sound output?

- A: 1. Check whether the work indicator is on. If it is not on, touch the on key to start the machine. After pressing the power button, the indicator light still does not go on. Replace the one with the same voltage output (it must be 12V) and test again.
2. If the indicator is on, press volume to check if the volume is too low.
3. If the above two points are normal, check whether the playback device of input audio source is paused, mute or at the minimum volume.

Q: Why is my Bluetooth range short, less than 3M?

A: The working frequency band of Bluetooth is 2.4ghz, which is consistent with the working frequency band of the router. There will be interference between each other. First, check the machines around the 2.4g HZ working frequency band. If it is still very short, determine whether the machine and the mobile phone are blocked by obstacles. If the Bluetooth is blocked, the transmission distance will be affected.

Q: Why does the sound distortion?

A: If the volume of the rear device is turned up to the maximum and the front level is also turned up to the maximum, it is easy to distortion. At this point, you just need to turn down the volume of the front or rear level.

Q: Why does the volume stay the same, but the volume is different when connected to different sources (such as a CD and then a mobile phone)?

A: The amplitude of the electrical signal varies by device. For example, a mobile phone is usually 0.35V and a CD is 1V. Natural sound levels are different.

Q: Why does the speaker make a loud buzzing sound when I plug in the input cord and don't play the sound?

Answer: used the signal line that does not take shield empty load, can have interference signal to enter amplifier to carry on amplification, if you hate this sound to suggest you replace the signal line that takes shield, perhaps unplug signal line.

Q: why the product to buy back the first step began to listen to the sound is very hard, three frequency is not very clear, but work 1 day after the normal?

A: vacuum tube is a very sensitive device, the temperature generally to reach a degree to play the best effect, so the general boot after about half an hour of preheating the sound is very natural.

Q: Can I replace the valve and upgrade?

A: yes, we have the factory test match 6j1/6j2/6j4 /6j5 / GE5654/6ak5 / 6*1 n, can directly replace, different tube voice can make a big difference.

Q: Can I replace the vacuum tube by direct unplugging?

Answer: No, it is very easy to burn out the vacuum tube, because the inside of the machine is working at high pressure, and the burning out of the hot plug vacuum tube may damage the machine.

Q: Does this machine handle phonographs/record players?

A: At present, this model does not support phonograph/phonograph signal input, because the electric signal output value of phonograph/phonograph is very small, need to add a phonograph amplifier.

Warning:

1. Please do not open the shell without permission. Improper operation may cause the danger of electric shock.
2. Please use the power supply of the regular manufacturer, otherwise it will damage the machine.
3. Please do not use the machine in a high temperature and humidity environment.
4. Please don't replace the tube when the power on, otherwise the tube & machine will be damaged.
5. Please don't use the non-matched tube, otherwise the tube & machine will be damaged.