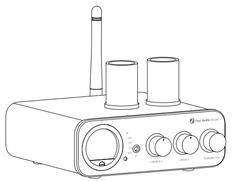
名称：MC331说明书
材质：铜版纸
尺寸：120*80mm
装订：折页

Fosi Audio

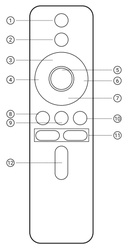


MC331 User Manual

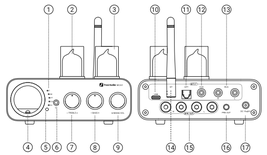
Introduction

Thank you for purchasing the Fosi Audio MC331 Hybrid Tube Amplifier.

The MC331 is a 2.0 channel integrated amplifier with vacuum tubes and built-in DAC. It supports five input modes—Bluetooth, USB, Optical, Coaxial, and RCA—making it compatible with a wide range of audio source devices. The retro VU meter needle dances to the rhythm of the music, providing both visual and auditory pleasure. Equipped with a 3.5mm headphone jack, this device meets diverse listening needs. The tubes can be swapped according to personal preference, and the bass and treble control knobs unlock various sound effects. The included remote control allows for easy and convenient remote operation, making your music journey simple and enjoyable.



① Power Switch
② Mute Button
③ Volume Up
④ Previous Track
⑤ Play/Pause
⑥ Next Track
⑦ Volume Down
⑧ Input Mode Selection
⑨ Bluetooth Mode
⑩ Bluetooth Pairing Reset
⑪ Treble Control
⑫ Bass Control



① Input Mode Indicators
② 5654W Vacuum Tubes
③ Tube Covers
④ VU Meter
⑤ IR Infrared Interface
⑥ 3.5mm Headphone Output
⑦ Treble Knob
⑧ Bass Knob
⑨ Power Switch/Mode Switch/Volume Control
⑩ USB Input
⑪ Optical Input
⑫ Coaxial Input
⑬ RCA Input
⑭ Bluetooth Antenna Connector
⑮ Speaker Output
⑯ Pre-Out
⑰ DC 19V-24V Power Input

Specifications

Channel	2.0
Input	RCA, Bluetooth, USB, Optical, Coaxial
Output	Passive Speakers Output, Pre-Out, 3.5mm Headphone Output
Amplifier Chip	TPA3221
SNR	≥100dB
Dynamic Range	≥100dB
THD	≤0.03%
Terminal Impedance	4-8Ω
Max Output Power	105W×2@4Ω
Frequency Response	20Hz-20kHz(±1dB)
Headphone Impedance	32-300Ω
Voltage Range	DC 19-24V
Sampling Rate	USB: 24bit/96kHz OPT/COA: 24bit/96kHz
Bluetooth Connection Distance	≥10m
Bluetooth Transmission Format	SBC, AAC

Package Contents

MC331 Amplifier

5654W Vacuum Tube*2

Bluetooth Antenna

Tube Cover*2

Remote Control

24V/4.5A
Power Supply Unit

User Manual

Operation Guide

1. Install the Bluetooth antenna onto the Bluetooth interface of the MC331;

2. Insert the 5654W tubes into the MC331, ensuring the pins are properly aligned, then attach the covers;

3. Choose the appropriate cable (such as USB, optical, or coaxial) to connect the audio source to the MC331's audio input interface. Skip this step if using a Bluetooth audio source;

4. Use speaker cables to connect passive speakers to the MC331. If you are using headphones, connect them to the headphone jack on the MC331;

5. Connect the MC331 to the power supply, then long press the main knob for 2 seconds to power on and allow the tubes to warm up for 15 seconds. Short press the knob to switch to the desired input mode (connect to the Bluetooth now if using a Bluetooth device as the source);

6. Before playing music, set the volume to the lowest level. Gradually increase the volume to an appropriate level after playback begins. You can also adjust the bass and treble knobs to achieve your preferred sound effects. All these functions can also be controlled using the included remote control.

Important Notes:
1. Since the MC331 is a tube amplifier, please make sure to allow a 15-second warm-up time for the tubes before starting playback;

2. The USB port is for data transfer only and cannot be used as a power connector;

3. Avoid connecting or disconnecting cables while the device is powered on to prevent noise, potential damage to the equipment, and harm to your hearing.

Frequently Asked Questions

1. No sound after connecting the product and powering it on?
After powering on the MC331, the tubes require approximately 15 seconds to warm up before they begin functioning. If there is still no sound after 15 seconds, please check if the cables are connected correctly, if the tubes are properly inserted, and if the input mode is set correctly.

2. Using a phone as the audio source with USB input mode, all connections are correct, but sound is only coming from the phone?
Please check if the phone has data transfer mode enabled. Some phone models automatically enable data transfer, while others require it to be manually activated.

3. Can headphones and passive speakers play simultaneously?
The MC331 defaults to headphone output priority. To use speaker output, you need to disconnect the headphones first.

4. What tube models are compatible for replacement?
The following tube models are compatible: EF95, 6AK5, 6AK5W, 403A/403B, 6J1, 6J1P, 6J2, 6J3, 6J4, 6J5, among others. You can test and choose based on your personal preference.

Note: When replacing tubes, ensure that the MC331 is powered off and that the tubes have cooled down to avoid burns or damage to the product.

If you have any further questions, please contact our support team at **support@fosiaudio.com.**

Warranty and Maintenance

Fosi Audio pledges to give a 24-month limited warranty and support from the date of purchase. If you encounter any problem when using our product, please contact our support team at **support@fosiaudio.com.**

About Us

Fosi Audio designs and builds innovative audio products with all your music in mind. Great sound, simple but elegant designs, high-quality components, and truly useful features are what Fosi Audio pursues. We sincerely hope you can get as much enjoyment from our products as we've had to create them!

Our Website: www.fosiaudio.com

Amazon Store: www.amazon.com/fosiaudio

Facebook Page: www.facebook.com/fosiaudioglobal

Youtube Channel: www.youtube.com/@fosiaudio

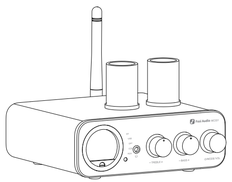
Official Forum: https://community.fosiaudio.com

Whatsapp: +86 13716612254

After-Sales Service and Technical Support Email:
support@fosiaudio.com

Get Online Support

Fosi Audio

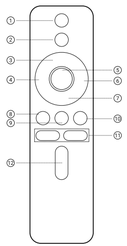


MC331 说明书

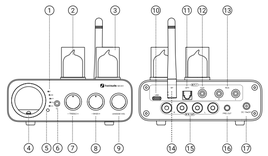
产品简介

感谢您购买Fosi Audio MC331电子管解码功放一体机。

MC331是一款带电子管及内置解码的2.0声道合并式功率放大器，它支持蓝牙、USB、光纤、同轴和RCA五种输入模式，兼容多种音源设备。复古VU表指针随音乐节奏跳动，为您带来视觉和听觉的双重享受。设备配有3.5mm耳机接口，一台设备满足多种听音需求。电子管则可根据个人喜好DIY更换，配合音低音调节旋钮，解锁多种音效。附赠的遥控器可以让您轻松远程操控，开启音乐旅程更加简单便捷。



① 电源开关
② 静音键
③ 音量+
④ 上一曲
⑤ 暂停/播放
⑥ 下一曲
⑦ 音量-
⑧ 输入模式切换
⑨ 蓝牙模式
⑩ 重置蓝牙配对
⑪ 高音调节
⑫ 低音调节



① 输入模式指示灯
② 5654电子管
③ 电子管保护罩
④ VU表
⑤ IR红外接口
⑥ 3.5mm耳机接口
⑦ 高音旋钮
⑧ 低音旋钮
⑨ 电源开关/输入模式切换/音量调节旋钮
⑩ USB输入接口
⑪ 光纤输入接口
⑫ 同轴输入接口
⑬ RCA输入接口
⑭ 蓝牙天线接口
⑮ 无源音箱输出
⑯ 前置输出
⑰ DC19V-24V电源接口

规格参数

声道	2.0
输入	RCA，蓝牙，USB，光纤，同轴
输出	无源音箱输出， 前置输出，3.5mm耳机输出
功放芯片	TPA3221
信噪比	≥100dB
动态范围	≥100dB
失真	≤0.03%
终端阻抗	4-8Ω
最大输出功率	105W×2@4Ω
频率响应	20Hz-20kHz(±1dB)
耳机阻抗	32-300Ω
电压范围	DC 19-24V
采样率	USB：24bit/96kHz OPT/COA：24bit/96kHz
蓝牙连接距离	≥10米
蓝牙传输格式	SBC，AAC

包装清单

MC331功放

GE 5654W电子管×2

蓝牙天线

电子管保护罩×2

遥控器

24V/4.5A电源适配器

用户手册

使用说明

1.将蓝牙天线安装至MC331的蓝牙接口；

2.将5654W电子管插入MC331，注意针脚对齐，随后安装保护罩；

3.根据要使用的音源选择合适的线材(如USB线，光纤线或同轴线)将音源连接到MC331的音频输入接口，使用蓝牙音源设备则跳过此步骤；

4.使用音箱线将无源音箱连接到MC331，如果您使用耳机，请将耳机连接至MC331耳机输出接口；

5.为MC331接上电源，长按主旋钮2秒开机并让电子管预热15秒，再短按切换至所需的输入模式(如果使用蓝牙设备作为音源，则在此时进行连接)；

6.将音量调至最低，播放音乐后再逐渐调至合适的音量，同时可以调节高低音旋钮至自己喜欢的效果，以上功能均可通过附赠的遥控器操作实现。

注意事项：
1.由于MC331是电子管放大器，在正式播放前务必留出15秒的时间预热电子管；

2.USB接口只具备数据传输功能，不能作为供电接口；

3.请避免在开机状态下插拔线材以免产生异响损坏设备以及影响您的听觉。

常见问题

1.产品连接好后，开机播放没有声音？
MC331开机后，电子管需要15秒左右的时间预热才能正式工作。如果15秒后还是没有声音，请检查线材是否连接正确，电子管是否正确安插，以及输入模式是否对应。

2.用手机作为音源，使用USB输入模式时，设备都连接正确，但声音只从手机发出？
请检查手机是否开启了数据传输功能。一些机型可以自动进行数据传输，而另一些则需要手动开启数据传输功能。

3.耳机和无源音箱可以同时播放吗？
MC331默认耳机优先输出，想要选择音箱输出需要先断开耳机连接。

4.电子管有哪些合适的型号可以更换？
EF95、6AK5、6AK5W、403A/403B、6J1、6J1P、6J2、6J3、6J4、6J5等电子管均可适配，您可以跟根据个人喜好进行测试选择。

注意：更换电子管时，请确保MC331关机并在电子管冷却状态下更换，以免造成烫伤或产品损坏。

温馨提示：
如果您还有其他问题，请扫码了解更多或者联系我们的支持团队
support@fosiaudio.com

产品保修

产品自售出7日内，在正常使用情况下出现故障，客户可以无条件退换货，正常使用两年内出现故障，可以免费保修。购买日期以发票或收据日期为准，网上购买按订单日期为准。

无法享受“三包”服务的情况：

1. 一切人为因素损坏，包括但不限于非正常工作环境下使用或者不按照说明书使用的；
2. 用户私自拆机、改装以及维修的；
3. 使用非指定或许可的配件造成损坏的；
4. 不能出示有效购机凭证的；
5. 不属于本公司产品的。

保修方式：

保修方式为送修，此条款只适用于官方销售渠道售出的产品，其他渠道请参考销售代理商的规定和当地国家法规关于质保的规定。

关于我们

深圳远虑科技是一家专注于音频产品的设计，研发和销售为一体的科技型公 司。我们深耕用户需求，深入研发设计，通过不断创新，持续打磨产品和 服务，致力于打造全球音频领域的星品牌。我们尤其在意客户的反馈，如 果您有任何问题或者需求，欢迎联系我们。

官网： https://www.fosiaudio.com

天猫旗舰店： FOSI AUDIO旗舰店 fosiaudio.tmall.com

京东店铺： FOSI AUDIO旗舰店 mall.jd.com/index-12512168.html

QQ群： 760657010

售后邮箱： support@fosiaudio.com

扫码查看在线帮助