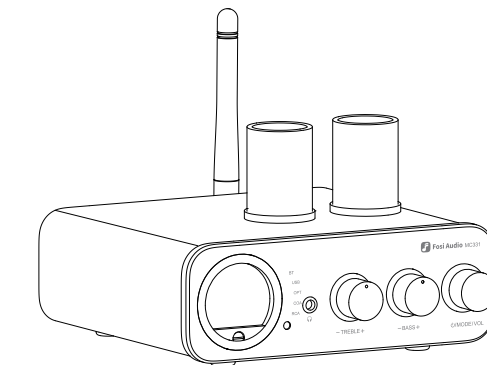
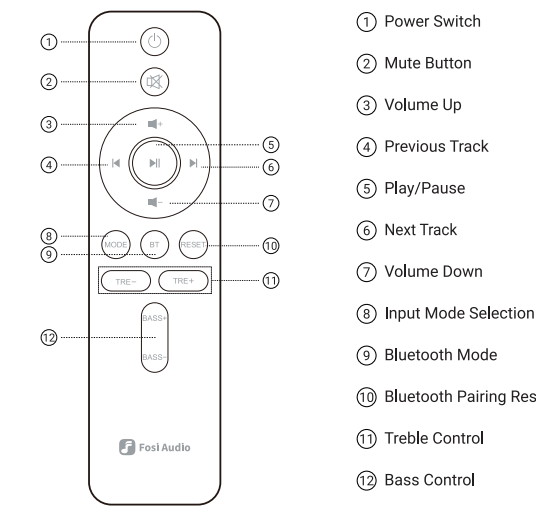
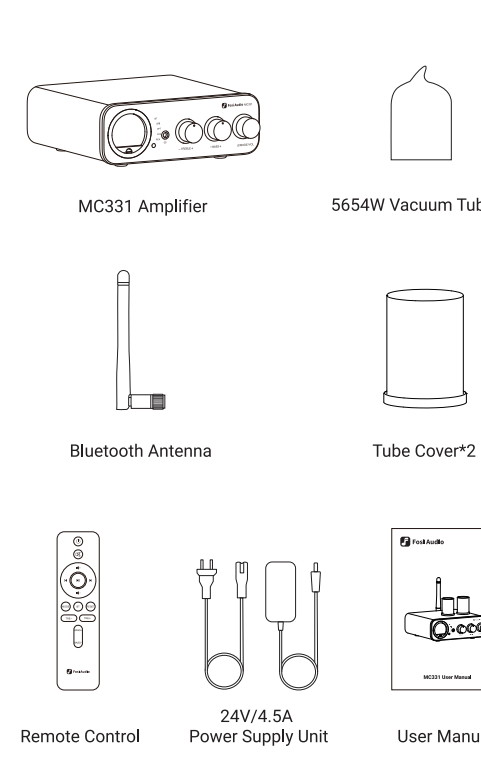
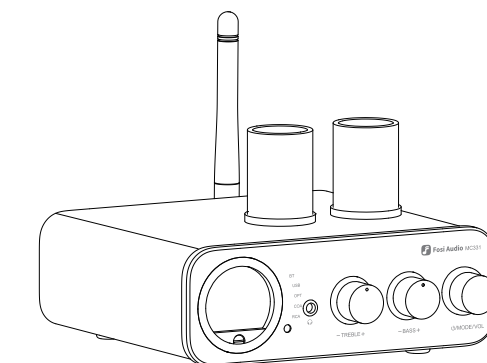
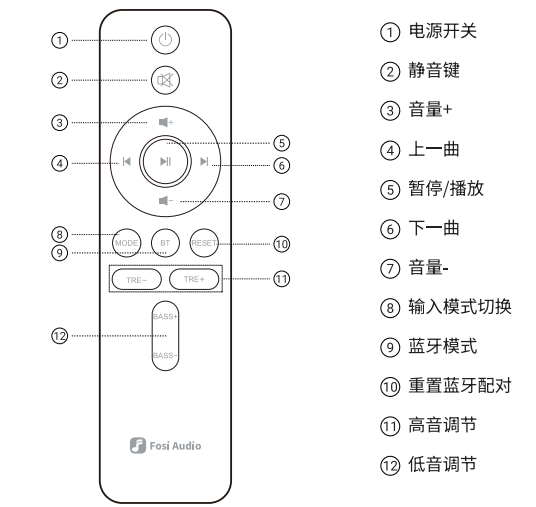
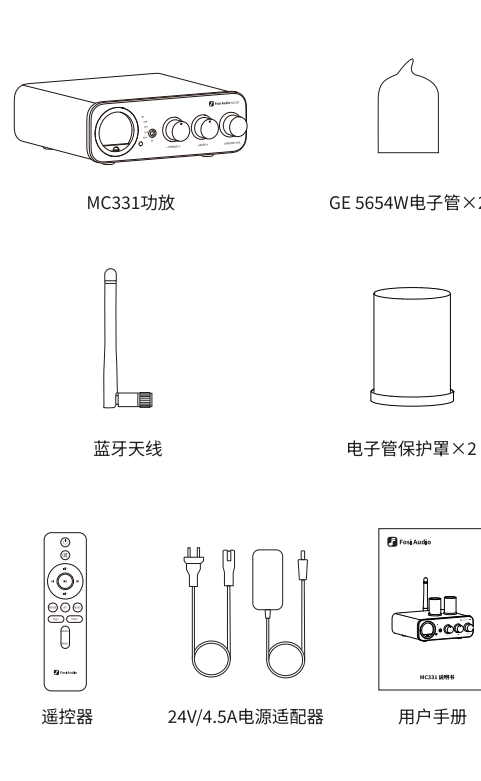


注：成品没有黑色边框

 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 13 Power Switch 14 Mute Button 15 Volume Up 16 Previous Track 17 Play/Pause 18 Next Track 19 Volume Down 20 Input Mode Selection 21 Bluetooth Mode 22 Bluetooth Pairing Reset 23 Treble Control 24 Bass Control	Specifications <table border="1"> <tr><td>Channel</td><td>2.0</td></tr> <tr><td>Input</td><td>RCA, Bluetooth, USB, Optical, Coaxial</td></tr> <tr><td>Output</td><td>Passive Speakers Output, Pre-Out, 3.5mm Headphone Output</td></tr> <tr><td>Amplifier Chip</td><td>TPA3221</td></tr> <tr><td>SNR</td><td>≥100dB</td></tr> <tr><td>Dynamic Range</td><td>≥100dB</td></tr> <tr><td>THD</td><td>≤0.03%</td></tr> <tr><td>Terminal Impedance</td><td>4-8Ω</td></tr> <tr><td>Max Output Power</td><td>105W×2@4Ω</td></tr> <tr><td>Frequency Response</td><td>20Hz-20kHz(±1dB)</td></tr> <tr><td>Headphone Impedance</td><td>32-300Ω</td></tr> <tr><td>Voltage Range</td><td>DC 19-24V</td></tr> <tr><td>Sampling Rate</td><td>USB: 24bit/96kHz OPT/COA: 24bit/96kHz</td></tr> <tr><td>Bluetooth Connection Distance</td><td>≥10m</td></tr> <tr><td>Bluetooth Transmission Format</td><td>SBC, AAC</td></tr> </table>	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
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 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表指针随着音乐节奏跳动，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，配合高低音调节旋钮，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 13 电源开关 14 静音键 15 音量+ 16 上一曲 17 暂停/播放 18 下一曲 19 音量- 20 输入模式切换 21 蓝牙模式 22 重置蓝牙配对 23 高音调节 24 低音调节	规格参数 <table border="1"> <tr><td>声道</td><td>2.0</td></tr> <tr><td>输入</td><td>RCA, 蓝牙, USB, 光纤, 同轴</td></tr> <tr><td>输出</td><td>无源音箱输出, 前置音箱, 3.5mm耳机输出</td></tr> <tr><td>功放芯片</td><td>TPA3221</td></tr> <tr><td>信噪比</td><td>≥100dB</td></tr> <tr><td>动态范围</td><td>≥100dB</td></tr> <tr><td>失真</td><td>≤0.03%</td></tr> <tr><td>终端阻抗</td><td>4-8Ω</td></tr> <tr><td>最大输出功率</td><td>105W×2@4Ω</td></tr> <tr><td>频率响应</td><td>20Hz-20kHz(±1dB)</td></tr> <tr><td>耳机阻抗</td><td>32-300Ω</td></tr> <tr><td>电压范围</td><td>DC 19-24V</td></tr> <tr><td>采样率</td><td>USB: 24bit/96kHz OPT/COA: 24bit/96kHz</td></tr> <tr><td>蓝牙连接距离</td><td>≥10米</td></tr> <tr><td>蓝牙传输格式</td><td>SBC, AAC</td></tr> </table>	声道	2.0	输入	RCA, 蓝牙, USB, 光纤, 同轴	输出	无源音箱输出, 前置音箱, 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，注意引脚对齐，随后安装保护罩；		
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