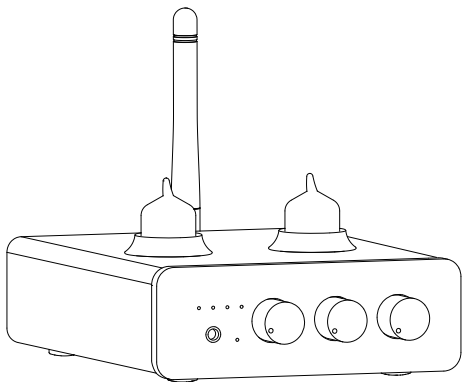




Fosi Audio

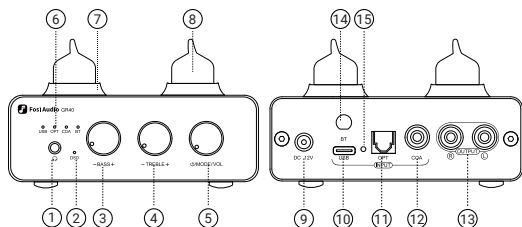


GR40 User Manual

Introduction

Thank you for purchasing the GR40 DAC Tube Preamp and Headphone Amplifier.

The GR40 is a powerful and well-designed preamp and headphone amplifier, integrating tube amplification with DAC functionality. It supports multiple input modes, including USB, optical, coaxial, and Bluetooth, making it compatible with a wide range of audio sources. The device features an input mode indicator for easy mode identification. Supporting DSD format with high resolution, it delivers a premium audio experience. The GR40 also includes a 3.5mm headphone jack, enhancing your desktop listening options for more convenient music enjoyment. The tubes are user-replaceable, and with the bass and treble knobs, you can customize sound effects, making your listening experience more diverse and personalized.

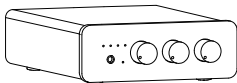


- | | |
|---------------------------------------------|--------------------------|
| ① 3.5mm Headphone Output | ② DSD Indicator Light |
| ③ Bass Control | ④ Treble Control |
| ⑤ Power Switch/Mode Selector/Volume Control | |
| ⑥ Input Mode Indicator Light | ⑦ Tube Decorative Rings |
| ⑧ 5654W Tubes | ⑨ DC 12V Input |
| ⑩ USB Input | ⑪ Optical Input |
| ⑫ Coaxial Input | ⑬ RCA Output |
| ⑭ Bluetooth Antenna Connector | ⑮ Bluetooth Reset Button |

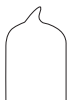
Specifications

Input	Bluetooth, USB, Optical, Coaxial
Output	RCA, 3.5mm Headphone Output
Channel	2.0
SNR	≥103dB
Dynamic Range	104dB
Headphone Impedance	32Ω-300Ω
Headphone Outout Power	300mW@16Ω 250mW@32Ω 50mW@250Ω 40mW@300Ω
Frequency Response	20Hz-20kHz(±1dB)
Sampling Rtae	32bit/384kHz; DSD256
Bluetooth Version	5.1
Bluetooth Connection Distance	≥10m
Bluetooth Transmission Format	SBC, AAC, aptX, aptX HD, aptX LL
Voltage Range	DC 12V

Package Contents



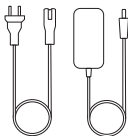
GR40



5654W Vacuum Tube*2



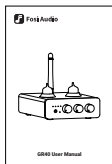
Decorative Ring*2



Power Adapter



Bluetooth Antenna



User Manual

Operation Guide

1. Connect the Bluetooth antenna to the GR40;
2. Insert the 5654W tubes into the GR40, ensuring the pins are aligned, then attach the tube decorative rings;
3. Choose the appropriate cable (such as USB, optical, or coaxial) to connect the audio source to the GR40's audio input interface. Skip this step if using a Bluetooth audio source;
4. Use RCA cables to connect powered speakers. If using passive speakers, connect the preamp and power amplifier with RCA cables, then connect the speakers. If using headphones, connect them to the GR40's headphone output jack;
5. Power the GR40, press and hold the main knob for 3 seconds to turn on, then press once to switch to the desired input mode (connect to the Bluetooth now if using a Bluetooth device as the source), and set the volume to a low level.;
6. Play music, gradually adjust the volume to a suitable level, and use the bass and treble controls to fine-tune the sound to your preference.

Important Notes:

1. Since the GR40 is a tube preamplifier, please ensure to allow about 15 seconds for the tubes to warm up before playing audio;
2. The USB port is only for data transfer and cannot be used as a power connector;
3. Avoid plugging or unplugging cables while the device is powered on to prevent noise that could damage the product and impact your hearing.

Frequently Asked Questions

1. Bluetooth connection by others, what to do?

Long press the Bluetooth reset button for 3 seconds; the Bluetooth indicator will flash, and the GR40 will enter pairing mode. Simply re-pair your device.

2. Using a smartphone as a source in USB mode, why does sound only come from the phone even when connections are correct?

Check if the phone has data transfer enabled. Some models transfer data directly, while others require manual activation of this feature.

3. Can headphones and RCA outputs be used simultaneously?

The GR40 defaults to headphone priority output. To use RCA output, disconnect the headphones.

4. What are suitable tube models for replacement?

Tubes such as EF95, 6Ak5, 6AK5W, 403A/403B, 6J1, 6J1P, 6J2, 6J3, 6J4, 6J5 are compatible. You can test and choose according to your personal preference.

Note: When replacing tubes, ensure the GR40 is turned off and the tubes have cooled down to prevent burns or damage to the product.

If you have any further questions, please contact our support team at [**support@fosiaudio.com**](mailto: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

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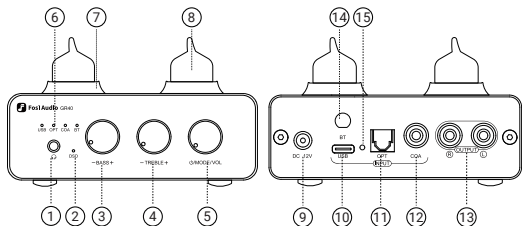


Get Online Support

产品简介

感谢您购买GR40解码胆前级耳放一体机。

GR40是一款功能强大且设计精良的前级耳机放大器，集成了电子管和解码功能，支持USB、光纤、同轴和蓝牙等多种输入模式，兼容多种音源设备，并配有输入模式指示灯，方便查看当前模式。设备支持DSD格式，具备高解析力，能够为您带来高品质音频体验。GR40还配备了3.5mm耳机接口，丰富您的桌面听音选择，让音乐享受更便捷。电子管可根据个人喜好更换，加上高低音调节旋钮，调出不同的音效，让您的音乐体验更加多样化和个性化。

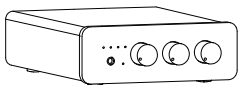


- | | |
|--------------------|--------------|
| ① 3.5mm耳机口 | ② DSD指示灯 |
| ③ 低音旋钮 | ④ 高音旋钮 |
| ⑤ 电源开关/模式切换/音量调节旋钮 | |
| ⑥ 输入模式指示灯 | ⑦ 电子管装饰圈 |
| ⑧ 5654W电子管 | ⑨ DC 12V电源接口 |
| ⑩ USB输入接口 | ⑪ 光纤输入接口 |
| ⑫ 同轴输入接口 | ⑬ RCA输出接口 |
| ⑭ 蓝牙天线接口 | ⑮ 蓝牙重置按钮 |

规格参数

输入	蓝牙, USB, 光纤, 同轴
输出	RCA, 3.5mm耳机输出
声道	2.0
信噪比	≥103dB
动态范围	104dB
耳机阻抗	32Ω-300Ω
耳机输出功率	300mW@16Ω 250mW@32Ω 50mW@250Ω 40mW@300Ω
频率响应	20Hz-20kHz(±1dB)
采样率	32bit/384kHz; DSD256
蓝牙版本	5.1
蓝牙连接距离	≥10米
蓝牙传输格式	SBC、AAC、aptX、aptX HD、aptX LL
电压范围	DC 12V

包装清单



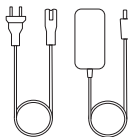
GR40



5654W电子管 x2



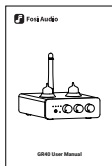
电子管装饰圈 x2



电源适配器



蓝牙天线



用户手册

使用说明

- 1.将蓝牙天线接入GR40；
- 2.将5654W电子管插入GR40，注意针脚对齐，再安装电子管装饰圈；
- 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GR40的音频输入接口，使用蓝牙音源设备则跳过此步骤；
- 4.使用RCA线连接有源音箱；如果使用无源音箱输出，请用RCA线连接前级和功放后再接音箱；如果使用耳机输出，则请将耳机连接至GR40耳机输出接口；
- 5.为GR40接上电源，长按3秒主旋钮开机，再单击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)，并将音量调至较低水平；
- 6.播放音乐，逐渐调节音量至合适的水平，同时可以通过高低音旋钮调节出自己喜欢的音效。

注意事项：

- 1.因为GR40是电子管前级，在正式播放前请务必留出大约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对产品造成损坏以及影响您的听觉。

常见问题

1. 蓝牙被其他人连接了, 如何处理?

长按3秒蓝牙重置按键, 此时蓝牙指示灯闪烁, GR40进入蓝牙配对模式, 只需重新配对即可。

2. 用手机作为音源, 采用USB模式时, 为什么设备都连接正确, 但声音只能从手机发出呢?

请检查手机是否开启了数据传输功能, 一些机型可以直接进行数据传输, 而另一些则需要手动开启数据传输功能。

3. 耳机和RCA输出可以使用吗?

GR40默认耳机优先输出, 若使用RCA输出, 需断开耳机连接。

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GR40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。

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:

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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。

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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。

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