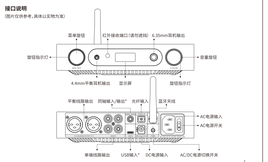
接口说明

（图片仅供参考，具体以实物为准）



*注：
1.同轴输出功能，仅在USB模式下有效，具体工作模式下，同轴发生停输出。
2.连接输出USB线缆时，USB可以为K123供电，用于与USB设备（电脑/手机/游戏机）连接时，将数据传输至K123。
3.单次使用3个小时时，请连接数据线/DAC2
4.USB输入标准：3.1+2.1mm

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操作说明

电源与充电

K123在DAC/ADC/USB模式，当需要使用AC供电时，请将AC/DC电源切换开关拨到AC位置，并将AC电源打开，接上电源线即可使用；如需充电，请将AC/DC电源切换开关拨到DC位置，并确保DC电源的输出电压为12V，输出电流≥2.5A，K123开机状态下，对应设置指示灯将会亮起，表示正在充电；当指示灯熄灭，则表示充电完成。

（注：windows系统电脑连接到USB接口时默认供电，但需要自行实现下载USB DAC驱动，并按照相应教程完成后方可使用。下载地址：http://www.fiio.com/driver_Download ，USB声卡设置请见说明）

- OPT：光纤解码模式，可以连接光纤音频输出设备解码工作
- COAX：同轴解码模式，可以连接同轴输出设备解码工作
- BT：蓝牙解码模式，可以连接带蓝牙音频输出设备解码工作，首次切换到蓝牙设备模式时，K123将自动进入配对状态，此时K123显示屏上将显示"PAIRING"字样，此时再次进入蓝牙设备模式时，将自动回连上一次连接设备。

（注：K123蓝牙仅支持音频播放，不支持通话功能）

设置菜单

设置菜单	参数说明
OUT：输出切换	PO：前级耳机输出，音量可调 PRE：后级耳机输出，音量可调 P+F：前级耳机后级耳机音频同时输出，音量可调 LO：固定输出，音量固定最大
GAIN：增益	H：高增益　M：中增益　L：低增益
FILT：数字滤波器	1：最小相位　2：线性相位快速 3：线性相位慢降　4：线性相位慢降-低纹波 5：线性相位慢降　6：最小相位慢降 7：最小相位缓降-低纹波　8：最小相位快速

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- **工作模式**

K123有以下4种工作模式，分别为：

- USB：USB解码模式，可以连接手机或电脑解码工作，当K123与个人电脑（电脑系统为Windows 10及以上版本）通过USB线缆连接后，电脑将自动识别为USB DAC设备，并将相关驱动程序安装完成后，K123将会保持开机状态。

（注：windows系统电脑连接到USB接口时默认供电，但需要自行实现下载USB DAC驱动，并按照相应教程完成后方可使用。下载地址：http://www.fiio.com/driver_Download ，USB声卡设置请见说明）

- OPT：光纤解码模式，可以连接光纤音频输出设备解码工作
- COAX：同轴解码模式，可以连接同轴输出设备解码工作
- BT：蓝牙解码模式，可以连接带蓝牙音频输出设备解码工作，首次切换到蓝牙设备模式时，K123将自动进入配对状态，此时K123显示屏上将显示"PAIRING"字样，此时再次进入蓝牙设备模式时，将自动回连上一次连接设备。

（注：K123蓝牙仅支持音频播放，不支持通话功能）

- **设备自动关机**

设备在无输入信号的情况下，可设置不同的关机时间，包括30分钟/60分钟/90分钟/120分钟/关闭自动关机功能。

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设置菜单	参数说明
OUT：输出切换	PO：前级耳机输出，音量可调 PRE：后级耳机输出，音量可调 P+F：前级耳机后级耳机音频同时输出，音量可调 LO：固定输出，音量固定最大
GAIN：增益	H：高增益　M：中增益　L：低增益
FILT：数字滤波器	1：最小相位　2：线性相位快速 3：线性相位慢降　4：线性相位慢降-低纹波 5：线性相位缓降　6：最小相位缓降 7：最小相位缓降-低纹波　8：最小相位快速
SHR：二次谐波调节	0.1/1.2/3可调 0表示未启用二次谐波，3-3表示启用二次谐波调节，数字越大，二次谐波越多
EQ：均衡器	可以静态调节均衡器为关闭或其他均衡器预设
SAL：声音平衡	可以调节左声道输出音量大小
LIAC：USB工作模式	1：UAC1.0　2：UAC2.0
LCD-b：显示屏背光亮度	1-5级亮度可调
LCD-T：显示屏关闭时间	1/2/5/10/30/秒钟可选,5表示常亮
RGB-b：灯条时间灯亮度设置	0/1/2/3/4/5（0表示关闭灯条灯光，1-5为灯条不同亮度等级）
RGB-Dr：旋钮时间灯亮度设置	0/1/2/3/4/5（0表示关闭时间灯光，1-5为灯条不同亮度等级）
SLEEP：定时关机	0-99（0表示取消定时关机，1-99表示定时关机至当时时间（单位：分钟））
UPDATE：固件升级操作手册	短按旋钮进入后，在"UAC"菜单中选择"Y"即可进入固件升级模式
RESET：恢复出厂	短按旋钮进入后，在"UAC"菜单中选择"Y"即可将K123恢复出厂设置
FW Vxxx	当前K123固件版本显示
ST Vxxx	蓝牙固件版本号显示
RETURN	返回主界面

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- **均衡器使用**

K123支持均衡器调音功能，可以通过电脑系统或手机类APP调节均衡器，电脑端支持的均衡器时，需要用USB线将K123与电脑正确连接电脑，并将K123设置为USB模式，同时在设置菜单中将EQ设置为非关闭状态（即将EQ设置为OFF之外的其他选项），然后将连接到https://fiioconnect.fiio.com.cn/#/ 选择"选择"，选择K123，点击连接，即可进行EQ设置，手机端需要使用均衡器功能时，请扫描APP Control APP二维码，下载相应APP使用即可。



- **红外遥控器说明**



Note: Please use two AAA batteries for the remote control.

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注意事项

- 当系统出现异常时，请尝试重新开关机或拔插电源即可恢复正常使用。
- 请勿将设备放入潮湿及温度过高（如强烈阳光直射下或）以防设备进入有线的部件内。
- 使用前请先调节音量到最低，以防有可能由产生较大的瞬间冲击声损坏您的听力。
- 在您正在使用其他机械，或您的手表外带有强磁，为了您的人身安全，请避免在您的环境使用耳机。
- 长时间使用耳机，请注意休息，以免对您的听力造成损害。
- 请使用者遵守当地法律法规，驾驶时请勿使用耳机。

包装内物品清单（请核对包装内是否包括以下物品）

- K123主机
- 红外遥控器
- 电源线
- USB数据线
- 软件使用指南
- 快速入门
- 售后维修卡

了解更多

- 有关K123的相关使用说明和常见问题解答（FAQ），请扫描K123 FAQ二维码。
- 下载产品更多信息，请访问 www.fiio.com

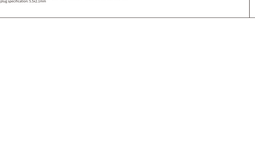
产品名称：台式解码耳机功率放大器
产品型号：K303/K
额定输入：AC 100-240V 50/60Hz DC 12V⎓2.5A
尺寸：约215x138x42mm
重量：约950g
执行标准：GB/T4943.1-2022
制造厂：广州飞傲电子科技有限公司
地址：广州市白云区太和镇慧谷东路88号

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Buttons and ports labeled (Pictures are for reference only. The actual product may vary.)



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*Note:
1. The coaxial output function is only active in USB mode. In other operating modes, there is no coaxial signal output.
2. Both the rear and side USB ports can be used for USB decoding. If the two USB ports are connected simultaneously, the side one will prevail, and the rear one will be disabled.
3. When using a USB cable to connect the Microcontroller Unit (MCU) firmware, please use the side USB port.
4. PC plug specification: 5.5x2.1mm

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Operation explained

Power supply and power on/off

The K123 supports both AC and DC power supplies. When powered by AC, set the AC/DC power switch to the AC position, turn on the AC power supply, and connect the power cable for use. For external DC power supply, set the AC/DC power switch to the DC position, and ensure that the output voltage of the DC power supply provides an output voltage of 12V and an output current of ≥ 2.5A. When the K123 is powered on, the corresponding indicator light will turn on. Long press the volume knob to turn it off. When the K123 is powered off, long press the volume knob or use the infrared remote control to turn it on.

Volume and menu knobs operation

● **Volume knob**

Turn on the K14. Rotate the volume knob to adjust the volume, short press to turn off/wake up the screen, and long press to turn off the device. When it is off, short press the volume knob to turn on the device.

● **Menu knob**

- Switch working mode: On the homepage, rotate the menu knob to enter the working mode menu. Rotate the knob to successively switch between USB-IN, OPT-IN, COAX-IN and BT-IN. After selecting the desired mode, short press the knob to confirm the switch and return to the homepage. If you do not wish to switch modes, hold the knob to return to the homepage.
- Settings menu: On the homepage, short press the menu knob to enter the Settings menu. Rotate the knob to switch between different settings. When the current setting needs to be changed, short press the knob, and then will be flashing characters showing up on the menu. At this time, rotate the knob to switch between different settings, and short press the knob to confirm the current setting. Then, the new setting will take effect with no character flashing anymore. Other settings can still be changed.
On the Settings menu, hold the menu knob for about 2s to return to the homepage.
On the homepage, double press the menu knob can directly jump to the output switching page, achieving the function of quickly switching output.

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● **Screen display explanation**



*Note: The output icon meaning on the status bar is as follows:
PO (Front headphone output): The front 4.4mm balanced output with adjustable volume.
PO+F(Front headphone and rear panel line simultaneous output with adjustable volume): LO: Rear panel line output, fixed at maximum volume.

● **Working mode**

The K13 has 4 working modes, explained as follows:

- USB decoding, connect to mobile phones or computers. If the two USB ports on the side and rear panels are connected, the side one will prevail, and the rear one will be disabled. When connecting to a mobile phone, the K13 will not consume power from the phone.
Note: You would need to install the USB DAC driver when connecting the K13 to a Windows computer for USB decoding. Please download the USB DAC driver on our website http://www.fiio.com/Driver_Download and follow relevant instructions to install it. For macOS, it runs driver-free.)
- OPT: Optical decoding, connect to devices with an optical output.
- COAX: Coaxial decoding, connect to devices with a coaxial output.
- Bluetooth decoding, connect to devices that support Bluetooth output. When switched to the Bluetooth receiving mode for the first time, the K13 will automatically enter the pairing state. At this time, the screen of the K13 will display "PAIRING". In later uses when entering the Bluetooth receiving mode, the K13 will automatically reconnect to the last connected device.
(Note: The Bluetooth mode of the K13 only supports audio playback, but not voice calls.)

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● **Introduction to settings menu**

Settings menu	Introduction
OUT: Switch output	PO: Front panel headphone output, adjustable volume PRE: Rear panel line output, adjustable volume P+F: Front panel headphone and rear panel line simultaneous output, adjustable volume LO: Rear panel line output, fixed at maximum volume
GAIN	H: High Gain　M: Medium Gain　L: Low Gain
FILT: Digital filter	1: Minimum Phase　2: Linear Phase Apodizing 3: Linear Phase Fast Roll-Off　4: Linear Phase Fast Roll-Off Low Ripple 5: Linear Phase Slow Roll-Off　6: Minimum Phase Slow Roll-Off 7: Minimum Phase Slow Roll-Off Low Ripple 8: Minimum Phase Fast Roll-Off
SHR: Second harmonic regulation	"0" means second harmonic is disabled; 1-3 means second harmonic regulation is enabled, and the larger the number, the more second harmonic is added.
EQ: Equalizer	Turn off the equalizer or switch to other effects.
SAL: Channel balance	Adjust the balance between the left and right channels
LIAC: USB working mode	1: UAC1.0　2:UAC2.0
LCD-b: Display brightness	1-5 levels adjustable
LCD-T: Screen timeout	1/2/5/10/30 minutes adjustable, "5" means constantly on
RGB-b: Top RGB indicator brightness adjustment	0/1/2/3/4/5（0 means disabling RGB indicator, and 1-5 each means different brightness levels）
RGB-Dr: Knob RGB indicator brightness adjustment	0/1/2/3/4/5（0 means disabling RGB indicator, and 1-5 each means different brightness levels）
SLEEP: Power-off timer	0-99（0 means disabling power-off timer, and 1-99 each means the time when the scheduled shutdown takes effect (time unit: minute)）

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UPDATE: Microcontroller Unit (MCU) firmware update	Short press the volume knob to enter the menu. Select "Y" on the "UAC" menu to enter the firmware update mode.
RESET: Factory reset	Short press the volume knob to enter the menu. Select "Y" on the "UAC" menu to restore the factory settings.
FW Vxxx	Indicates Microcontroller Unit (MCU) firmware version
ST Vxxx	Bluetooth firmware version
RETURN	Return to the homepage

● **IR remote control explanation**



Note: Please use two AAA batteries for the remote control.

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● **Equalizer introduction**

The K13 supports the equalization tuning function, which can be adjusted through the connected computer or mobile phone. When using the equalizer on a computer, please use a USB cable to connect the K13 to the computer and set the K13 to USB mode. Meanwhile, set the EQ to a non-off state in the settings menu (i.e., select any option other than OFF for the EQ). Visit https://fiioconnect.fiio.com/, click "Connect," select the K13, and click connect to set the EQ. When using the equalizer on a mobile phone, please scan the QR code of the FIIO Control app and download the corresponding app version to use it.

Notes and precautions

- In case of system errors, please try to either turn the K13 off and on, or unplug and replug the power cable to restore it to normal state.
- Please adjust the volume (adjustable volume at line out) to a suitable level before wearing headphones so as to protect your hearing.
- Please do not wear headphones when plugging in or unplugging the headphones in case there may be a sudden impulse noise damaging your hearing.
- You may be unable to hear the sounds around you when wearing headphones. For your safety, it is not recommended to use headphones in dangerous environments.
- The K13 has a high-voltage hazard. Please do not repair or disassemble the product on your own and please keep it away from water.
- When using with a battery pack of the wrong model may cause fire or explosion.
- Please power the device using an AC 100-240V or DC 12V power supply that meets standard requirements.

List of items included (please check if the following items are included)

- K13
- Headphone adapter
- IR remote control
- Quick start guide
- Power cable
- Warranty card
- USB cable

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To learn more

- For related video instructions of the K13 and FAQ (Frequently Asked Questions), please scan the QR code below.
- To learn more about the product, please visit our website: www.fiio.com
Due to continuous improvement, every specification and design is subject to change at any time without further notice.

WEEE Directive & Product Disposal

At the end of its serviceable life, this product should not be handled as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

Hereby, Guangzhou FIIO Electronics Technology Co., Ltd. declares that this device is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at: www.fiio.com/ce

Function	Frequency	Maximum output power
Bluetooth	2402-2480MHz	7dBm

FCC NOTICE:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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