

简体中文

台式解码耳机功率放大器

接口说明 (图片仅供参考, 具体以实物为准)

显示屏

带按键菜单旋钮: 短按切换工作模式; 短按确认

旋钮指示灯

带按键音量旋钮: 短按调节音量; 短按关屏/唤醒或静音/取消静音^[1]

红外接收端口 (请勿遮挡)

开/关机状态指示灯

开/关机档位旋钮

模拟输出档位旋钮

增益档位旋钮

USB接口^[2]

6.35mm耳机输出

4.4mm平衡耳机输出

XLRA4平衡耳机输出

复位孔 (短按复位)

光纤输入

同轴输入

RS232接口^[3]: 单片机固件升级

USB接口^[2]

USB-A接口^[4]

以太网接口

AC电源开关

蓝牙天线

保险丝

AC电源输入

WiFi天线

接地柱

平衡线路输入

单端线路输入

单端线路输出

平衡线路输出

DC/AC供电切换开关

DC电源输入

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台式解码耳机功率放大器

注[1]: 音量旋钮短按关屏/唤醒或静音/取消静音功能需要在菜单选择设置后才能生效。

注[2]: 前后面板2个USB口都插入设备时, 前面的USB口优先, 后面的USB口无效。

注[3]: 网页端调节均衡器需连接后板的RS232接口。

注[4]: USB-A口最大输出电流为500mA, 适合连接U盘。如需连接移动硬盘请另接电源给移动硬盘单独供电!

操作说明:

电源与开/关机

K15支持AC和DC供电, 出厂默认为AC供电, 并将AC电源打开, 接上电源线即可使用; 如需外接DC供电, 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。K15开机状态下, 红外遥控器可以控制K15进入待机/开机状态。机器前面的开/关机档位旋钮设置为OFF状态时, K15将自动关机, 此时红外遥控器不能控制K15进行开机。

音量旋钮

K15开机后, 转动旋钮, 可调节音量大小; 短按音量旋钮, 可以通过菜单设置实现关屏/关屏或静音/取消静音操作。

菜单旋钮

转动菜单旋钮, 可以选择切换不同的工作模式, 短按确认。

手动操作

在显示屏主界面下, 左右滑动可切换至设置菜单界面和工作模式界面, 上下滑动可以切换不同风格主界面显示。

注: 上下滑动切换不同风格主界面功能仅在本地播放与流媒体模式下生效

工作模式

K15有以下8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K15前后面板2个USB口都插入设备时, 前面板的USB口优先, 后面板的USB口无效。连接手机解码时, K15不会消耗手机电量。
(注: windows系统电脑连接到USB解码模式时, 您需要前往官网下载USB DAC驱动, 并按照相应教程安装驱动后方可使用, 下载地址: http://www.fioo.com/Driver_Download, OSX系统无需安装此驱动)

● 光纤: 光纤解码模式, 可以连接光纤音频输出设备解码工作。

● 同轴: 同轴解码模式, 可以连接同轴输出设备解码工作。

● 线路输入: 单端线路输入模式, 可将前端的模拟信号连接到K15背面LINE IN端口, 由K15进行放大处理。

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● 平衡输入: 平衡线路输入模式, 可将前端的模拟信号连接到K15背面4.4mm IN端口, 由K15进行放大处理。

● 蓝牙: 蓝牙解码模式, 可以连接带蓝牙音频输出设备解码工作。首次切换到蓝牙接收模式时, K15将自动进入配对状态, 此时K15显示屏上将显示“配对中-”字样, 后续再次进入蓝牙接收模式时, 将自动回连上一次连接设备。
(注: K15蓝牙仅支持音频播放, 不支持通话功能)

● 流媒体: 流媒体接收模式, K15连接网络后, 支持同局域网下的设备通过AirPlay或Roon服务端设备播放音乐。

● 本地播放: 本地播放模式, 将U盘插入K15背面的USB-A口, 可扫描和播放U盘内歌曲。

均衡器使用

K15 (除线路输入与平衡输入外) 其余工作模式均支持均衡器调音功能, 可以通过电脑系统或手机端调节均衡器, 电脑端在使用均衡器时, 需要用USB线将K15后板的RS232接口连接到电脑, 请前往<https://fioocontrol.fioo.com>进行EQ设置, 手机端需要使用均衡器功能时, 请扫描FIOO Control APP二维码, 下载相应APP使用即可。

红外遥控器说明

电源键

静音

上一-EQ

播放/暂停

上曲

旋钮指示灯控制

上模式

下一模式

返回主界面

音量+

下-EQ

音量-

下一曲

FN2: 显示屏亮度+

FN3: 显示屏亮度-

FN1: 添加到我的最爱

注意: 遥控器请使用2节7号(AAA) 电池

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简体中文

台式解码耳机功率放大器

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。

★听音乐前请先调节适当的音量 (线路输出音量可调), 以防音量过大对您的听力。

★该蓝牙耳机前建议不要佩戴耳机, 以防有可能会产生较大的瞬间冲击声有损您的听力

★请在正确的输入电压下使用本产品。

★设备应当连接到带保护接地的电网电源输出插座上。

★本设备内有高压危险, 不可自行维修, 拆卸和将产品放在有水的地方。

包装内物品清单 (请核对包装内是否包括以下物品)

● K15主机

● AC电源线

● USB数据线

● 耳机转接头

● 遥控器

● 快速入门

● 售后维修卡

了解更多

● 有关K15的相关视频说明和常见问题解答 (FAQ), 请扫描K15 FAQ二维码。

● K15支持APP控制, 可以扫描二维码下载APP。

● 了解产品更多信息, 请访问: www.fioo.com

● 在K15的“设置-本机信息”中, 可以查看产品的CMIT-ID

产品名称: 台式解码耳机功率放大器

产品型号: F4162K

额定输入: AC 100-240V 50/60Hz; DC12V~2.5A

尺寸: 约244.6x213x66.8mm

重量: 约2100g

执行标准: GB4943.1-2022

制造厂: 广州飞傲电子科技有限公司

地址: 广州市白云区龙归街道夏良龙良路21号

由于产品不断改进, 各项规格及设计随时更改, 恕不另行通知。

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环保材料说明

产品中有害物质的名称及含量

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
PCB	X	○	○	○	○	○
PCBA 焊点	X	○	○	○	○	○
元器件	X	○	○	○	○	○
显示屏*	X	○	○	○	○	○
外观*	X	○	○	○	○	○
电池*	○	○	○	○	○	○
配件*	X	○	○	○	○	○

注: 表中标记“X”的部件, 皆因全球技术发展水平限制而无法实现有害物质的替代, 带“号”部件表示如果您所购买的产品中无该部件, 请忽略表中该部件信息。

○: 表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572-2011规定的限量要求以下。

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572-2011规定的限量要求。

根据中国电子行业标准SJ/T 11364-2014 和相关的中国政府法规, 本产品及其某些内部或外部组件上可能带有环保使用期限标识, 取决于组件和组件制造, 产品及其组件上的使用期限标识可能有所不同。组件上的使用期限标识优先于产品上任何与之相冲突的或不同的环保使用期限标识。

此环保使用期限只适用于产品在规定的条件下工作

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English

Desktop DAC and Headphone Amplifier

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

Display

Menu knob with button: Rotate to switch between working modes, short press to confirm

Knob indicator light

Volume knob with button: Rotate to adjust volume, short press to turn off and wake up screen, or mute and unmute^[1]

Power on/off indicator light

Power on/off selector switch

Analog output selector switch

Gain selector switch

USB port^[2]

6.35mm headphone out

4.4mm balanced headphone out

XLRA4 balanced headphone out

Reset hole (short press to reset)

RS232 port^[3]: For firmware upgrades of single-chip microcomputers

Optical in

Coaxial in

USB port^[2]

USB-A port^[4]

Ethernet port (LAN)

DC 12V-2.5A

DC power switch

Bluetooth antenna

Fuse

AC power in

WiFi antenna

Grounding terminal

Balanced line-in

Single-ended line-in

Single-ended line-out

Balanced line-out

DC/AC power selector switch

DC power in

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English

Desktop DAC and Headphone Amplifier

注[1]: The volume knob's short press function for screen off/wake-up or mute/unmute will only take effect after being set in the menu.

注[2]: If the two USB ports on the front and rear panels are connected, the front one will prevail, and the rear one will be disabled.

注[3]: Adjusting the equalizer via the webpage requires connecting to the RS232 port on the rear panel.

注[4]: The maximum output current of the USB-A port is 500mA, which is suitable for connecting to a USB flash disk. If you need to connect to a mobile hard disk drive, please use an extra power supply to power it!

Operation explained

Power supply and power on/off

The K15 supports both AC and DC power supplies. By default, it is set to AC power at the factory with the AC power switch on. Simply connect the power cable to use it. If you need to use an external DC power supply, please switch the DC/AC power selector switch to the DC position and ensure that the DC power output voltage is 12V with an output current of >=2.5A. When the K15 is powered on, the infrared remote control can switch it between standby and power-on states. When the power switch on the front panel is set to OFF, the K15 will automatically shut down, and in this state, the infrared remote control cannot be used to power it on.

Volume knob

After the K15 is powered on, rotate the volume knob to adjust the volume. Through the menu, set the volume knob short pressing to either turn off and wake up the screen, or mute and unmute the device.

Menu knob

Rotate the menu knob to switch between working modes; short press to confirm.

Gestures operation

Under the main interface of the display, slide left and right can switch between the setting menu and working mode menu, and slide up and down can switch different styles of the main interface.

注: The function of sliding up and down to switch different styles of the main interface only takes effect in Local play and Streaming modes.

Setting menu

Main interface

Working mode menu

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English

Desktop DAC and Headphone Amplifier

Working modes

The K15 has 8 working modes, explained as follows:

● USB: USB decoding, connect to mobile phones or computers. If the two USB ports on the front and rear panels are connected, the front one will prevail, and the rear one will be disabled. When connecting to a mobile phone, the K15 will not consume its power.
(Note: You would need to install the USB DAC driver when connecting the K15 to a Windows computer for USB decoding. Please download the USB DAC driver on our website https://www.fioo.com/Driver_Download and follow relevant instructions to install it. For macOS, it runs driver-free.)

● OPTICAL: Optical decoding, connect to devices with an optical output.

● COAXIAL: Coaxial decoding, connect to devices with a coaxial output.

● LINE IN: Single-ended line input mode, connect analog signals of the front end to the LINE IN port on the back of the K15 for amplification.

● BALANCED IN: Balanced line input mode, connect analog signals of the front end to the 4.4mm IN port on the back of the K15 for amplification.

● BLUETOOTH: Bluetooth decoding mode, connect to devices that support Bluetooth output. When switched to the Bluetooth receiving mode for the first time, the K15 will automatically enter the pairing state. At this time, the screen of the K15 will display "Pairing...". In later uses when entering the Bluetooth receiving mode, the K15 will automatically reconnect to the last-connected device.
(Note: The Bluetooth mode of the K15 only supports audio playback, but not voice calls.)

● STREAMING: Streaming media receiving mode, connect the K15 to the network, supporting devices under the same LAN to play music through AirPlay or Roon.

● LOCAL PLAY: Local play mode, insert a USB flash disk into the USB-A port on the back of the K15 to scan and play the songs inside.

Equalizer introduction

Working modes except Line in and Balanced in support equalizer, 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 K15 through its RS232 port to the computer, and visit <http://www.fioo.com> for EQ settings. When using the equalizer on a mobile phone, please scan the QR code of the FIOO Control app and download the corresponding app version to use it.

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Desktop DAC and Headphone Amplifier

Infrared remote control introduction

Power button

Mute

Previous EQ

Play/Pause

Previous track

Previous mode

Next mode

Return to homepage

Volume+

Next EQ

Volume-

Next track

FN2: Display brightness+

FN3: Display brightness-

FN1: Add to My Favorites

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

Notes and precautions

★In case of system errors, please try to either turn the K15 off and on, or unplug and replug the power cable to restore it to a 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.

★Please use this device under an appropriate input voltage.

★The device should be connected to the power outlet with grounding protection.

★There are high-voltage risks inside the device. Please do not repair or disassemble the product on your own and please keep it away from water.

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Desktop DAC and Headphone Amplifier

List of items included in the package (Please check if all the items are included)

● K15

● Remote control

● AC power cable

● Quick start guide

● USB data cable

● Warranty card

● Headphone jack adapter

Due to continuous improvement, every specification and design is subject to change at any time without further notice.

To learn more

● For related video instructions of the K15 and FAQ (Frequently Asked Questions), please scan the QR code below.

● The K15 can be controlled by the FIOO Control App. Please scan the QR code below to download it.

● To learn more about the product, please visit our website: www.fioo.com

● In "Settings>About K15", you can check the CMIT-ID of the product.

WEEE Directive & Product Disposal

At the end of its serviceable life, this product should not be handed 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.

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Desktop DAC and Headphone Amplifier

Hereby, Guangzhou FIOO 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.fioo.com/doc

Function	Frequency	Maximum output power
Bluetooth	2402-2480MHz	7dBm
	2412-2472MHz	14dBm
WIFI	5180-5320MHz	13dBm
	5500-5825MHz	12dBm

For this radio device, the following restrictions on putting into service or of requirements for authorisation of use apply in BE, BG, CZ, DK, DE, EE, IE, EL, ES, FR, HR, IT, CY, LV, LT, LU, HU, MT, NL, AT, PL, PT, RO, SI, SK, FI, SE, UK, IS, LI, NO, CH: Tr: 5150-5350 MHz band is restricted to indoor operations only.

Master Quality Authenticated

The K15 includes MQA technology, which enables you to play back MQA audio files and streams, delivering the sound of the original master recording. The K15 Now Playing screen shows green or blue dot next to MQA logo to indicate that the unit is decoding and playing an MQA stream or file, and denotes provenance to ensure that the sound is identical to that of the source material. It shows blue dot to indicate it is playing an MQA Studio file, which has either been approved in the studio by the artist/producer or has been verified by the copyright owner.

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.

The 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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