

台式解码耳机功率放大器

接口说明

The diagram illustrates the front and rear panels of the desktop decoder headphone power amplifier, detailing its various input and output ports and controls.

Front Panel Features:

- Display Screen:** Located at the top left for status monitoring.
- Red External Receiver Port (Please Do Not Plug):** A port on the left side for external receivers.
- Power/Status Indicator Light:** A light indicator on the left side.
- Controls:** Includes a "Power/Status" knob, a "Volume" knob, a "Bass/Treble" knob, a "USB" port, a "3.5mm Headphone Output", and a "4.4mm Balanced Headphone Output".
- Headphone Outputs:** Two large circular ports on the right side, labeled "3.5mm" and "4.4mm".

Rear Panel Features:

- Inputs:** Includes a "Fiber Optic Input", a "12V Power Input", a "USB Type-C Port", a "USB Type-A Port", and a "Coaxial Input".
- Outputs:** Includes a "4.4mm Balanced Headphone Output", a "4.4mm Single-ended Headphone Output", and a "Single-ended Headphone Output".
- Other Features:** Includes a "Power Switch", a "Fiber Optic Output", a "WIFI Antenna", a "Coaxial Input", and a "Power Input".

简体中文

台式解码耳机功率放大器

※图片仅供参考, 具体以实物为准

*注[1]: 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[2]: 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!

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台式解码耳机功率放大器

操作说明:

电源与开关机

将主机底部电源选择开关卡档并将其设置为与当地电压相符位置,然后接上电源线,将机器后面电源开关打开,再将机器前面的开/关机档位切换到ON位置,此时K17将会开机;K17开机状态下,红外遥控接收器或12V红外输入输入可以控制K17进入待机/开机状态。机器前面的开/关机档位设置为OFF状态时,K17将自动关机,此时红外遥控接收器或12V红外输入输入均不能控制K17进行开/关。

音量旋钮

K17开机后,转动旋钮,可调节音量大小;短按音量旋钮,可以实现灭屏/亮屏操作。

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下,上下滑动可以切换不同风格主界面显示。

工作模式

K17有以下8种工作模式,分别为:

- **USB+DAC解码模式:** 可以选择接手机或电脑解码工作。当K17前后面板2个USB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,K17不会消耗手机电量。
- (注:windows系统连接USB+DAC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.fliico.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:** 单声道线路输入模式,可将前端的模拟信号连接到K17前面LINE IN端口,由K17进行放大处理。
- **平衡输入:** 平衡线路输入模式,可将前端的模拟信号连接到K17前面4.4mm IN端口,由K17进行放大处理。
- **蓝牙:蓝牙解码模式:** 可以连接蓝牙音频输出设备解码工作。首次切换到蓝牙接收模式时,K17将自动进入配对状态,此时K17显示屏上将显示“配台中”,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:K17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:** K17连接网络后,可将局域网网下的设备通过AirPlay或Roon服务器端设备播放音乐。
- **本地播放:** 本地播放模式,将U盘插入K17前面的USB A口,可扫描和播放U盘内歌曲。

台式解码耳机电力放大器

DSP均衡器使用

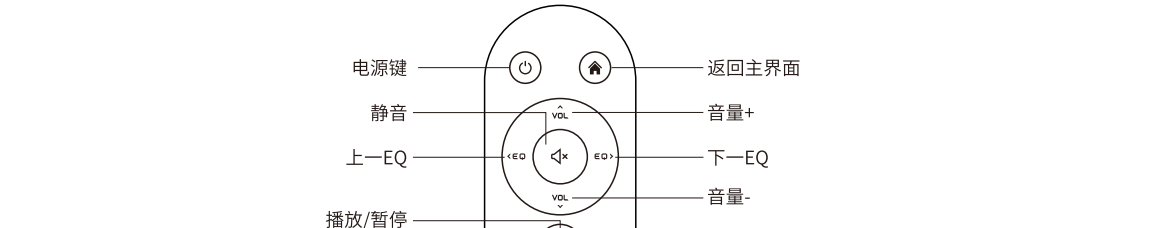
K17所有工作模式均支持DSP均衡器调节功能。可以通过电脑系统或手机端调节均衡器。电脑端在使用均衡器时，需要用USB线将K17的RS232接口连接到电脑，请前往链接http://www.fiiio.com/Driver_Download下载均衡器调节软件至电脑，打开软件即可使用。手机端需要使用均衡器功能时，请扫描FiiO Control APP二维码，下载相应APP使用即可。

12V触发电口说明

当两个或多个配备Trigger触发电的设备连接时，可实现设备同步开机/关机。使用3.5mm耳机时录线作为触发电接口连接线材，Trigger IN接口连接设备时，上游设备可控制K17开机/关机。

(注：K17需要在正常供电，且前面板开/关机旋钮切换到ON档位下，才可以使用Trigger控制K17开机/关机)

红外遥控器说明



The diagram shows the FiiO K17 remote control with the following labels:

- 电源键 (Power button)
- 静音 (Mute)
- 上一-EQ (Previous EQ)
- 播放/暂停 (Play/Pause)
- 上一曲 (Previous track)
- 旋钮指示灯控制 (Knob indicator light control)
- 上一模式 (Previous mode)
- 下一模式 (Next mode)
- 返回主界面 (Return to main interface)
- 音量+ (Volume up)
- 下一-EQ (Next EQ)
- 音量- (Volume down)
- 下一曲 (Next track)
- FN2: 显示屏亮度+ (FN2: Display brightness +)
- FN3: 显示屏亮度- (FN3: Display brightness -)
- FN1: 添加我的最爱 (FN1: Add my favorite)

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接通电源即可恢复正常运行。

★如有请先调节适当的音量(线路输入音量可调),以防音量过大造成您的听力。

★接插耳机前建议不要佩戴耳机电,以防有可能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。
- ★设备应当直接连接到带保护接地的电网电源输出插座上。
- ★本设备内部有高压危险,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)

K17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
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了解更多

有关K17的相关视频说明和常见问题解答(FAQ),请扫描K17 FAQ二维码。

● K17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.filo.com






产品名称:台式解码耳机功率放大器

产品型号:F4316IK

额定输入:AC 100-120V/220-240V 50/60Hz

尺寸:约244.6x213x66mm

重量:约2750g

执行标准:GB4943.1-2022

制造商: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良岗路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。

有害物质名称及含量						
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	○	○	○	○	○
电池*	X	○	○	○	○	○
外观件	○	○	○	○	○	○
配件*	X	○	○	○	○	○

表中标记“X”的部件, 因全球技术发展水平限制而无法实现有害物质的替代。带“*”号部件表示如果在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。

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商, 产品及其组件上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环保的使用期限标识。

此环保使用期限只适用于产品在规定的条件下工作

Desktop DAC and Headphone Amplifier

Buttons and ports labeled

The diagram illustrates the front and rear panels of the desktop DAC and headphone amplifier. The top panel features a display, menu knob, knob indicator light, volume knob, infrared receiving port, power on/off indicator light, power on/off selector switch, analog output selector switch, gain selector switch, USB port, 6.35mm headphone out, and 4.4mm balanced headphone out. The rear panel includes ground switch, reset hole, optical out, 12V trigger in, RS232 port*, USB port†1, USB-A port†2, Ethernet port (LAN), AC power switch, Bluetooth antenna, fuse, power in, coaxial out, 4.4mm balanced line-in, single-ended line-in, and balanced line-out.

English

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/wake up screen

Infrared receiving port
(please do not cover it)

Power on/off indicator light

Power on/off selector switch

Analog output selector switch

Gain selector switch

USB port^{†1}

6.35mm headphone out

4.4mm balanced headphone out

XLR4 balanced headphone out

Ground switch

Reset hole (short press to reset)

Optical out

12V trigger in

RS232 port*

USB port^{†1}

USB-A port^{†2}

Ethernet port (LAN)

AC power switch

Bluetooth antenna

Fuse

Power in

Housing grounding terminal

Coaxial out

4.4mm balanced line-in

Single-ended line-in

Balanced line-out

* RS-232C interface, optional

†1 USB Type-C interface, optional

†2 USB Type-A interface, optional

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English | [Desktop DAC and Headphone Amplifier](#)

Operation explained

Power supply and power on/off

Check the voltage switch at the bottom of the K17 and switch it to match the local voltage. Connect the K17 to a power supply, turn on the power switch at the back, set the power on/off selector switch on the front to the ON position, and the K17 will be turned on. When the K17 is on, the infrared remote control or 12V trigger input can control it to enter into standby/on state. When the power on/off selector switch on the front of the K17 is set to OFF, it will be automatically turned off. At this time, neither the IR remote control nor the 12V trigger input can control the K17 to be turned on.

Volume knob

Turn on the K17. Rotate the volume knob to adjust the volume, and short press to turn off/wake up the screen.

Menu knob

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

Gesture 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.

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graph LR; A[Setting menu] -- "slide left and right" --> B[Main interface]; B -- "slide left and right" --> C[Working mode menu]; B -- "slide up and down" --> D[Switch different styles of main interface];
```

Working modes

The K17 has 8 working modes, explained as follows:

- **USB DAC** 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 K17 will not consume its power.
(Note: You would need to install the USB DAC driver when connecting the K17 to a Windows computer for USB decoding. Please download the USB DAC driver on our website https://www.fiu.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 K17 for amplification.
- **BALANCED IN**: Balanced line input mode, connect analog signals of the front end to the 4.4mm LINE IN port on the back of the K17 for amplification.

English Desktop DAC and Headphone Amplifier

- **BLUETOOTH:** Bluetooth decoding, connect to devices that support Bluetooth output. When switched to the Bluetooth receiving mode for the first time, the K17 will automatically enter the pairing state. At this time, the screen of the K17 will display "Pairing...". In later uses when entering the Bluetooth receiving mode, the K17 will automatically reconnect to the last connected device.
(Note: The Bluetooth mode of the K17 only supports audio playback, but not voice calls.)
- **STREAMING:** Streaming media receiving mode, connect the K17 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 K17 to scan and play the songs inside.

DSP equalizer introduction

All working modes of the K17 support DSP equalizer, which can be adjusted through the connected computer or mobile phone. When using the DSP equalizer on a computer, please use a USB cable to connect the K17 through its RS232 port to the computer, and download the DSP equalizer software at http://www.fio.com/Driver_Download. When using the DSP equalizer on a mobile phone, please scan the QR code of the FIO Control app and download the corresponding app version to use it.

12V trigger port introduction

If two or more devices both featuring a trigger port are connected, they can synchronously power on and off. Use a 3.5mm audio cable to connect the K17 with the device through their trigger ports. When connected through the K17's Trigger IN port, the K17 can be controlled by the connected device for powering on and off.

(Note: The K17 needs to be under normal power supply and the power on/off selector switch on the front panel should be set to ON, so that it can be controlled by the trigger port for powering on and off.)

Infrared remote control introduction

The diagram shows a white, oval-shaped infrared remote control with the 'F10' logo at the bottom. The buttons are arranged as follows:

- Top row:** Power button (left), Return to homepage button (right).
- Second row:** Mute button (left), Volume+ button (right).
- Third row:** Previous EQ button (left), Next EQ button (right).
- Fourth row:** Play/Pause button (left), Volume- button (right).
- Fifth row:** Previous track button (left), Next track button (right).
- Sixth row:** Knob indicator/light control button (left), FN2: Display brightness+ button (right).
- Seventh row:** Previous mode button (left), FN3: Display brightness- button (right).
- Eighth row:** Next mode button (left), FN1: Add to My Favorites button (right).

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

Notes and precautions

- ★ In case of system errors, please try to either turn the K17 off and on, or unplug and replug the power cable to restore it to a normal state.
- ★ Please adjust the volume (adjustable level 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.
- ★ Please do not insert headphones into the TRIGGER port. Otherwise, they may be damaged.
- ★ 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.

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

K17	AC power cable	USB data cable	Headphone jack adapter	Remote control	Quick start guide	Warranty card

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

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English





Desktop DAC and Headphone Amplifier

Learn more

For related video instructions of the K17 and FAQ (Frequently Asked Questions), please see the QR code below.

The K17 can be controlled by the FIO Control App. Please scan the QR code below to download it.

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

FIO CONTROL APP FIO WEBSITE FIO WEBSITE www.fio.com

EEC Directive & Product Disposal

In the event of an obsolete item, 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 electronic and electronic equipment, or returned to the supplier for disposal.

Comicon is a trademark of Qualcomm Incorporated, registered in the United States and other countries.
Li is a trademark of Qualcomm Technologies International Ltd., registered in the United States and other countries.

By purchasing Guangzhou HIO 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.fio.com/doc

Function	Frequency	Maximum output power
Bluetooth	2402~2480MHz	1dBm
	2402~2482MHz	14dBm
WIFI	5180~5200MHz	13dBm
	5500~5825MHz	12dBm

This radio device, under the following restrictions on putting into service or of requirements for authorization of use apply in BE, BG, CZ, DK, DE, EE, EL, ES, FR, HR, IT, CY, LT, LU, HU, MK, NL, PL, PT, RO, SI, SK, TR, SE, UK, IS, LI, NO, ONTRX 5150-5350 MHz band is restricted to indoor operations only.

Quality Audio Authenticated

K17 includes MQA technology, which enables you to play back MQA audio files and streams, delivering the sound of the original master recording. The K17 Now Playing screen shows you in blue/red next to MQA logo to indicate that the unit is decoding and playing an MQA stream or file, and denotes permission to ensure that the sound is identical to that of the source series. It shows blue logo 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.

NOTICE:

- The 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.
 - Move the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Insert 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 / user body.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

