

台式解码耳机功率放大器

接口说明

带按键菜单旋钮: 旋转切换工作模式,短按确认
按钮指示灯
带按键音量旋钮: 旋转调节音量;短按灭屏/唤醒
红外接端口(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*^[1]
6.35mm 耳机输出
4.4mm平衡耳机输出
XLRA平衡耳机输出

光纤输入
WIFI天线
同轴输入
外壳接地柱
AC电源开关
蓝牙天线
保险丝
同轴输出
4.4平衡 平衡线路输入
平衡线路输出
平衡线路输出

RS232接口:连接电脑调节DSP均衡器和单片机固件升级
USB接口*^[1]
USB-A接口*^[2]
以太网接口

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台式解码耳机功率放大器

电压选择开关

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※图片仅供参考,具体以实物为准
*注[1]:前面板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

检查机身底部电压选择开关位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将开机;K17开机状态下,红外遥控器或12V触发输入可以控制K17进入待机/关机状态。机器前面的开/关机档位位置设置为OFF状态时, K17将自动关机,此时红外遥控器或12V触发输入均不能控制K17进行开机。

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/唤醒操作。

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。

手势操作

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。

设置菜单界面
返回主界面
主界面
返回主界面
工作模式界面

上下滑动
切换不同风格主界面

工作模式

K17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K17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,K17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,OSK系统无需安装此驱动)
● **光纤:**光纤解码模式,可以连接光纤音源输出设备解码工作。
● **同轴:**同轴解码模式,可以连接同轴输出设备解码工作。
● **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背面LINE IN端口,由K17进行放大处理。
● **平衡输出:**平衡线路输出模式,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,K17将自动进入配对状态,此时K17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:K17蓝牙支持音频播放,不支持通话功能)
● **流媒体:**流媒体接收模式,K17连接网络后,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K17背面的USB-A口,可扫描和播放U盘内歌曲。

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台式解码耳机功率放大器

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,请前低链接http://www.fioo.com/Driver_Download下载均衡器调节软件至电脑,打开后即可使用,手机端需要使用均衡器功能时,请扫描FIO Control APP二维码,下载相应APP使用即可。

12V触发接口说明

当两个或多个配备Trigger接口的设备连接时,可实现设备同步开机/关机,使用3.5mm耳机对线作为触发接口连接线材,Trigger IN接口连接设备时,上滑设备可控制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,才可以触发Trigger控制K17开机/关机)

红外遥控器说明

电源键
静音
上一EQ
播放/暂停
上一曲
下一模式
返回主界面
音量+
音量-
音量-
下一曲
FN2:显示亮度+
FN3:显示亮度-
FN1:添加到我的最爱

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台式解码耳机功率放大器

注意事

★当系统出现异常时,请尝试重新开机或拔掉电源即可恢复正常使用。
★音频前请调节适当的音量(线路输出音量可调),以防音量过大损伤您的听力。
★请插耳机前建议不要佩戴耳机,以防有可能产生较大的瞬时冲击力有损伤您的听力。
★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含以下物品)

- 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

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.fioo.com

产品名称:台式解码耳机功率放大器
产品型号:F4161K
额定输入:AC 100-120V/220-240V 50/60Hz
尺寸:约24.6x21.3x6.8mm
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龙路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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台式解码耳机功率放大器

环保材料说明

部件名称	产品中有害物质名称及含量					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr,VI)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
PCB	X	O	O	O	O	O
PCBA 焊点	X	O	O	O	O	O
元器件	X	O	O	O	O	O
显示屏*	X	O	O	O	O	O
电池*	X	O	O	O	O	O
外观件	O	O	O	O	O	O
配件*	X	O	O	O	O	O

注:表中标记“X”的部件,虽经全球技术发展水平限制而无法实现有害物质的替代,用“O”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。
O:表示该有害物质在该部件所有均质材料中的含量符合GB/T 26572-2011规定的限量要求。
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过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明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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Desktop DAC and Headphone Amplifier

Buttons and ports labeled

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
XLRA balanced headphone out

Reset hole (short press to reset)
Ground switch
Optical out
12V trigger in
RS232 port*
USB port*^[1]
USB-A port*^[2]
Ethernet port (LAN)

Optical in
WIFI antenna
Coaxial in
Housing grounding terminal

AC power switch
Bluetooth antenna
Fuse
Power in

Coaxial out
4.4mm balanced line-in
Single-ended line-in
Single-ended line-out
Balanced line-out

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Desktop DAC and Headphone Amplifier

Voltage selector switch

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※Pictures are for reference only. The actual product may vary.
*Note [1]: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.
*Note [2]: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!
RS232 port*: Connect to a computer for DSP-equalizer adjustment and firmware upgrades of single-chip microcomputers

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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.

Setting menu
Return to menu
Main interface
Return to menu
Working mode menu

Slide up
Return to menu
Switch different style of main interface

Working modes

The K17 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 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.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 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.

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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.fioo.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.)

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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

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Desktop DAC and Headphone Amplifier

To learn more

- For related video instructions of the K17 and FAQ (Frequently Asked Questions), please scan 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.fioo.com

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.

Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries.

Hereby, Guangzhou FIO 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	2402-2482MHz	10dBm
	2412-2472MHz	14dBm
	5180-5200MHz	13dBm
WiFi	5500-5625MHz	1200m

For this radio device, the following restrictions on putting into service or requirements for authorisation of use apply in BE, BG, CZ, DK, DE, EE, IE, EL, ES, FR, HU, IT, CY, LV, LI, 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 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 green or blue dots next to MQA logos 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 dots 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 radio interference. 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 and 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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