

简体中文 台式解码耳机功率放大器

接口介绍

● 6.35mm 耳机输出	● 4.4mm 平衡耳机输出	● 显示屏
● 带按键音量旋钮: 旋转调节音量/切换菜单, 短按开机, 长按关机, 双击切换PO/LO输出		● DC 电源接口
● 光纤输入接口	● 同轴输入/输出接口	● 线路输出接口

1

简体中文 台式解码耳机功率放大器

● RGB 指示灯

2

简体中文 台式解码耳机功率放大器

操作说明

一、开关机
插入DC电源后,短按电源键(音量旋钮),设备开机;开机状态下,长按电源键约5秒,设备关机。

二、旋钮操作
1. 切换工作模式: 开机后在主界面状态下,短按旋钮即可进入工作模式菜单,转动旋钮后可依次切换USB IN/OPT IN/COAX IN 三种工作模式,选中需要的模式时,短按音量旋钮,即可切换到相应工作模式并跳转回主界面。若不选择任何模式,长按旋钮可返回主界面。
2. 设置菜单: 开机后在主界面状态下,长按旋钮约2秒,即可进入设置菜单,转动旋钮可切换设置项,需要修改当前设置项时,短按音量旋钮,菜单显示设置项会有字符闪烁显示,此时转动旋钮即可切换不同设置项,然后短按旋钮确认,此时设置生效,且字符将不再闪烁,可以继续修改其他设置项内容。在设置菜单下,长按音量旋钮约2秒可返回主界面。
3. 调节音量: 在主界面时,转动旋钮可实现音量增加和音量减小的调节。
4. 快速切换输出: 在主界面时,双击旋钮按键可立即切换PO和LO输出。

三、设置菜单介绍

设置菜单	参数说明
GAIN: 增益	H: 高增益, 推荐使用高阻抗耳机 M: 中增益, 推荐使用普通阻抗耳机 L: 低增益, 推荐使用低阻抗耳机
OUT: 输出切换	PO: 前板耳机输出, 音量可调 LO: 后板线路输出, 音量可调
FILT: 数字滤波器	1: 短延迟陡降滤波器 4: 缓降相位补偿滤波器 2: 陡降相位补偿滤波器 5: 宽带平整滤波器 3: 短延迟缓降滤波器 6: 非过采样滤波器
UAC: USB工作模式	1: UAC1.0 2: UAC2.0
LCD b: 显示屏背光亮度	1~3级亮度可调

3

简体中文 台式解码耳机功率放大器

LCD-T: 显示屏背光时间	1/2/5/10/30分钟可调, 0表示常亮
RGB-M: RGB状态设置	0/1/2/3/4/5/6/7/8 分别代表: 最暗/最亮/红、蓝、青、黄、紫、白、绿、循环
RGB-P: RGB呼吸状态	Y: RGB呼吸 N: RGB常亮
RGB-b: RGB亮度	0/1/2/3/4/5分别代表: 关闭/1级/2级/3级/4级/5级亮度
UPDATE: 固件升级入口	短按旋钮进入后, 在“Y/N”菜单中选择“Y” (yes) 即可进入固件升级模式
RESET: 恢复出厂	短按旋钮进入后, 在“Y/N”菜单中选择“Y” (yes) 即可将K11恢复出厂设置
FW Vxxx	固件版本显示
RETURN	返回主界面

注1: 同轴输出功能, 仅在USB模式下有效, 在光纤解码或同轴解码模式下, 同轴无信号输出。
注2: K11支持Windows10或更高版本系统运行, Windows系统首次使用时, 请安装USB驱动程序, 飞傲官网驱动下载链接: http://www.fiiio.com/Driver_Download, OSx系统无需安装此驱动即可使用。

注意事项

- ★当系统出现异常时, 请尝试重新开关机或拔掉电源即可恢复正常使用。
- ★所有前置调节适当的音量(线路输出音量), 以防音量过大损伤您的听力。
- ★接线耳机前建议不要佩戴耳机, 以防有可能会产生较大的瞬态冲击声有损您的听力
- ★不可自行维修, 拆卸和将产品放在有水的地方。
- ★当您在正常使用耳机时, 会因此听不清外界环境声音, 为了您的人身安全, 请避免在危险的环境下使用耳机。

包装内物品清单(请核对包装内是否包括以下物品)

- K11主机
- 电源线
- 电源适配器
- USB数据线
- 耳机转接头
- 快速入门
- 售后维修卡

4

简体中文 台式解码耳机功率放大器

了解更多

- 有关K11的相关视频说明和常见问题解答 (FAQ), 请扫描K11 FAQ 二维码。
- 了解产品更多信息, 请访问: www.fiiio.com

产品名称: 台式解码耳机功率放大器
产品型号: F3031K
尺寸: 约147x133x32.3mm
重量: 约407g
额定输入: DC 12V=2A
执行标准: GB4943.1-2022
制造厂: 广州飞傲电子科技有限公司
地址: 广州市白云区龙阳街道夏良发良路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。

5

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	○	○	○	○	○
电池*	X	○	○	○	○	○
外观件	○	○	○	○	○	○
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“*”号的部件表示如果在您所购的产品中无该部件, 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/T26572-2022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 26572-2022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者外部组件上可能带有环保使用期限标识, 取决于组件的制造厂商, 产品及其组件上的使用期限标志可能有所不同, 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。

6

English Desktop DAC and Headphone Amplifier

Buttons and Ports Labeled

● 6.35mm headphone out	● 4.4mm balanced headphone out	● Display screen
Volume knob with physical button: Rotate to adjust volume/ switch submenus, short press to turn on, hold to turn off, double press to switch PO/LO		● DC power input
● Optical input	● Coaxial input/output	● USB port
		● Line output

7

English Desktop DAC and Headphone Amplifier

● RGB indicator light

8

English Desktop DAC and Headphone Amplifier

Operation Explained

1. Power on/off
Plugging in a DC power supply and short pressing the power button (volume knob), the device will be turned on. When the device is on, hold the power button for about 5s to turn it off.

2. Volume knob operation
(1) Switch working mode: Turn on the device. On the homepage, short press the volume knob to enter the working mode menu. Rotate the knob to successively switch between USB IN, OPT IN and COAX IN. After selecting the desired mode, short press the volume knob to complete the switch and return to the homepage. If no mode is selected, hold the knob to return to the homepage.
(2) Settings menu: Turn on the device. On the homepage, hold the volume knob for about 2s to enter the Settings menu. Rotate the knob to switch between different settings. When the current setting needs to be changed, short press the volume knob, and there 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 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 volume knob for about 2s to return to the homepage.
(3) Adjust volume: On the homepage, rotate the volume knob to turn the volume up and down.
(4) Quickly switch output: On the homepage, double press the volume knob with physical button to immediately switch between PO and LO.

3. Introduction to Settings menu

Settings menu	Introduction
GAIN	H: High Gain, suggested using with high-impedance headphones M: Medium Gain, suggested using with headphones of common impedance L: Low Gain, suggested using with low-impedance headphones
OUT: Switch output	PO: Front panel headphone output, adjustable volume LO: Rear panel line-out, adjustable volume

9

English Desktop DAC and Headphone Amplifier

FILT: Digital filter	1) Minimum phase fast roll-off filter 2) Fast roll-off, Phase-compensated filter 3) Minimum phase slow roll-off filter 4) Slow roll-off, Phase-compensated filter 5) Wideband flatness filter 6) Non over-sampling filter
UAC: USB working mode	1: UAC1.0 2: UAC2.0
LCD-b: Display brightness	1~3 levels adjustable
LCD-T: Screen timeout	1/2/5/10/30 minutes adjustable, "0" means constantly on
RGB-M: RGB status setting	0/1/2/3/4/5/6/7/8 Each represents: Follow the audio, Red, Blue, Cyan, Purple, Yellow, White, Green, Follow a cycle
RGB-P: RGB pulsing status	Y: RGB light pulses N: RGB light constantly on
RGB-b: RGB light brightness	0/1/2/3/4/5 each represents: 0ff/1/2/3/4/5-level of brightness
UPDATE: Firmware update entrance	Short press the volume knob to enter the menu. Select "Y" (yes) on the "Y/N" menu to enter the firmware update mode.
RESET: Factory reset	Short press the volume knob to enter the menu. Select "Y" (yes) on the "Y/N" menu to factory reset the K11.
FW Vxxx	Firmware version
RETURN	Return to the homepage

Notes:
(1) The coaxial output only works in USB mode. In optical/coaxial decoding mode, coaxial outputs no signal.
(2) The K11 can work on Windows 10 and above systems. When connecting the K11 to a Windows computer for the first time, please first download the USB driver on our official website at http://www.fiiio.com/Driver_Download. OSx system runs driver-free.

10

English Desktop DAC and Headphone Amplifier

Notes and Precautions

- ★In case of system errors, please try to either turn the K11 off and on, or unplug and plug in 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 do not repair or disassemble the product on your own and please keep it away from water.
- ★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.

List of Items Included

(please check if the following items are included)

- K11
- Power cable
- Power adapter
- USB cable
- Headphone adapter
- Quick start guide
- Warranty card

To Learn More

- For related video instructions of the K11 and FAQ (Frequently Asked Questions), please scan the QR code below.
- To learn more about the product, please visit our website: www.fiiio.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 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.

11

English Desktop DAC and Headphone Amplifier

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.

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.fiiio.com/doc

12