

简体中文 解码和耳机功率放大器

### 接口介绍

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### 按键推扭操作说明

**●多功能键:**  
非菜单界面:短按一次亮屏/灰屏,连续短按两次可以静音/取消静音,长按约2秒可以唤出设置菜单。  
菜单界面:短按切换设置菜单,长按约2秒退出设置菜单。

**●音量加键:**  
短按一次音量加一级,长按音量连续加,在设置菜单界面为向上翻页。

**●音量减键:**  
短按一次音量减一级,长按音量连续减,在设置菜单界面为向下翻页。

**●台放模式开关:**  
推扭设置为ON,侧边供电口接入适配器,即可启动高压供电和并联驱动,输出台放般的推力。

### 主屏显示说明

① 当前音量值:显示当前音量值。  
② 当前增益模式:“H”表示高增益,“L”表示低增益。  
③ 当前UAC版本:“U2.0”或者“U1.0”分别表示对应的UAC版本模式。  
④ 台放模式:如果显示“D”字符则表示已开启台放模式。  
⑤ 格式/采样率显示区:显示当前播放状态的格式和采样率。

### 菜单设置说明

- GAIN:高低增益设置。
- FLT:数字滤波器设置,内含8款数字滤波器可选。
- VOL-STEP:音量控制总级数设置,可以选择6级和120级音量。
- ADJ-L/R:左/右声道输出平衡设置。
- DIMMER:屏幕显示亮度设置。
- MQA:可以设置MQA的开启和关闭。

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### 弹窗说明

- 当界面显示“输出异常”时,此时机器会停止输出。请断开USB供电和拔出耳机,重新插入USB上电和插入耳机再进行使用。
- 当界面显示“温度过高”时,代表机器异常发热,请断开USB供电,降温后再尝试使用。同时建议在非高温环境下打开台放模式使用。
- 当界面显示“供电不足”时,代表当前USB接口电源供电不足,输出功率将会受限。

### 解码使用说明

- 通过Type-C USB或Lightning连接线,可以直接连接手机或平板电脑等设备使用。  
注:由于手机或者播放器系统和硬件的差异影响,某些设备可能存在兼容性 issue。部分手机可能需要手动打开OTG功能才能正常使用。
- 支持连接Windows10及以上版本及Mac OS系统电脑免驱动使用。PC端也可以安装USB驱动程序,安装驱动后支持ASIO模式运行,可以获得更佳体验。官网驱动下载链接:  
[https://www.fioo.com/Driver\\_Download](https://www.fioo.com/Driver_Download)  
注:连接USB-A口,可以通过附赠的USB-A转Type-C转接器连接。使用电脑播放时,请确认将声音输出设备选定为“FIOO KA17”。
- 当工作在“USB独占模式”下,某些设备可能音量失效,建议您先确认音量合适再配戴耳机,以免影响听感体验。
- 升级固件过程,界面会显示“升级中”,请不要断开USB电源,并等待界面显示“升级完成”后再进行操作。详细固件升级过程,请参考:  
[https://www.fioo.com/ka17\\_faq](https://www.fioo.com/ka17_faq)

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### 注意事项

- ★本产品通过USB供电,会消耗手机或电脑的电量;在侧边电源接口接入适配器,可以避免消耗手机或电脑的电量。
- ★使用电源适配器供电,请配套使用获得CCC认证并满足标准要求电源适配器。
- ★由于采用高性能的解码芯片和功放芯片,使用过程中会发热,属于正常现象。
- ★听音前请先调节适当的音量,以防音量过大损伤听力。
- ★拔插耳机前建议不用佩戴耳机,以防有可能会产生较大瞬间冲击损伤听力。
- ★不可自行拆卸维修或将产品放在有水的地方。
- ★当您正在使用耳机时,会因此听不清外界环境的声音,为了您的人身安全,请避免在危险的环境使用耳机。

### 包装内物品清单

- KA17主机
- 皮革套
- Type-C转Type-C数据线
- USB转接头
- 快速入门
- 售后维修卡

### 了解更多

- 有关KA17的相关视频说明和常见问题解答(FAQ),请扫描KA17 FAQ二维码。
- 了解更多产品信息,请访问:  
[www.fioo.com](http://www.fioo.com)
- KA17支持FIOO Control APP控制,欢迎扫码下载APP体验,更多详细玩法,请访问官网产品FAQ:  
<http://www.fioo.com>

产品名称:解码和耳机功率放大器  
产品型号:F3101K  
额定输入:5V=1A  
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	○	○	○	○	○
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,\*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。  
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和相关的中国法律法规,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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### Buttons and Ports Labeled

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### Button/Switch Function Explained

**●Multifunction button**  
Not on menu page: Short press once to turn on/off the screen; short press twice to mute/unmute the device; hold for about 2s to activate the settings menu.  
On menu page: Short press to switch between the settings menu; hold for about 2s to exit the settings menu.

**●Volume+ button**  
Short press once to increase the volume for 1 level; hold to continuously increase the volume; page up on the settings menu.

**●Volume- button**  
Short press once to decrease the volume for 1 level; hold to continuously decrease the volume; page down on the settings menu.

**●Desktop mode switch**  
Set the Desktop mode switch to ON, and connect the side power in port to a power adapter to enable high voltage power supply and parallel drive, thus acquiring desktop-level output power.

### An Introduction to Display Information

① Current volume: Display the current volume level.  
② Current gain level: “H” stands for high gain, “L” stands for low gain.  
③ Current UAC version: “U2.0” and “U1.0” respectively stand for different UAC versions.  
④ Desktop mode: The displayed “D” character means the Desktop mode is enabled.  
⑤ Music format/sampling rate display: Display the format and sampling rate of the currently playing song.

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### An Introduction to Settings Menu

- GAIN: Select high or low gain.
- FLT: Digital filter, 8 types of filters available.
- VOL-STEP: Volume level control, 60 and 120 levels available.
- ADJ-L/R: Channel balance settings of the left/right channel.
- DIMMER: Dimmer setting of the display.
- MQA: Enable or disable MQA.
- EQ: Equalizer setting.
- MAX VOL: Maximum volume limit.
- ROT-DISP: Rotate the display. It can be set to rotate 180 degrees.
- OFF-DISP: Set the time that the display can be auto-locked if there is no activity.
- U-AUDIO: Select between USB2.0/1.0.
- LANGU: Chinese and English available.
- VERSION: Firmware version display.
- RECOVER: Recover default settings.

### An Introduction to Pop-up Windows

- If the display shows “Output error”, the KA17 will stop outputting. Please disconnect the USB power supply, unplug the headphones, and then reconnect the USB power and replug the headphones to use it.
- If the display shows “Over temperature”, the KA17 is overheating abnormally. Please disconnect the USB power supply and try again after it cools down. It is suggested to enable the Desktop mode in non-high temperature environments.
- If the display shows “Powerless”, it means that the power supply of the current USB port is insufficient and the output power is limited.

### Decoding Function Explained

- Use a USB Type-C or Lightning cable to connect the KA17 to a mobile phone, tablet PC, or other devices.  
-- A compatibility issue may occur in certain mobile phones or music players due to system and hardware differences.  
-- Some mobile phones are required to turn on the OTG function, so as to use the KA17 normally.

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- The KA17 runs driver-free on Windows 10 and above systems, as well as Mac OS. You can install the USB driver on your PC, so it can support the ASIO mode for a better user experience. Please download the USB driver on our official website:  
<https://www.jadeaudio.com/supports>  
-- The USB-A to Type-C adapter included in the package can be used when connecting through the USB-A port.  
-- When connecting to a computer, please ensure the “FIOO KA17” is selected as the audio output device.
- When it is working under the Exclusive USB Audio Access Mode, the volume control may be unavailable on some devices. Please ensure the volume level is appropriate before wearing headphones.
- When updating the firmware, the display will show “Updating”. Please do not cut off the USB power until it shows “Update Finished”. Please visit [https://www.fioo.com/ka17\\_faq](https://www.fioo.com/ka17_faq) for detailed instructions on updating the firmware.

### Notes and Precautions

- ★ The device is powered by USB, which will consume battery power from the mobile phone or computer. But connecting through the side power input port will not consume their power.
- ★ If using a power adapter to charge the device, please use an appropriate and certified one.
- ★ Since the device features a high-performance DAC/Amp chip, it is normal that heating would occur during use.
- ★ Please adjust the volume 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.
- ★ For your safety, please avoid using headphones in dangerous environments.

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### List of Items Included

- KA17
- Type-C to Type-C data cable
- Quick start guide
- Leatherette case
- USB adapter
- Warranty card

### To Learn More

- For related video instructions of the KA17 and FAQ (Frequently Asked Questions), please scan the QR code below.
- To learn more about the product, please visit our website: [www.fioo.com](http://www.fioo.com)
- The KA17 can be controlled by the FIOO Control App. Please scan the QR code below to download the app.

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.

Hereby, Guangzhou FIOO Electronics Technology Co., Ltd declares that this device is in compliance with Directive 2014/30/EU. The full text of the EU declaration of conformity is available at: [www.fioo.com/doc](http://www.fioo.com/doc)

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### 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.

### Master Quality Authenticated

The KA17 includes MQA technology, which enables you to play back MQA audio files and streams, delivering the sound of the original master recording. The KA17 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.

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