

简体中文

解码和耳机功率放大器

接口介绍

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English

DAC and Headphone Amplifier

Buttons and ports labeled

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按键推钮操作说明

播放/暂停键:
在非菜单界面长按约2S进入菜单, 短按确认; 在菜单界面长按约2s退出菜单

A模式(默认)

B模式

C模式

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Button Operation Instructions

Play/Pause button:
Long press for about 2s to enter the menu, short press to confirm; on the menu page, long press for about 2s to exit the menu.

Mode A (Default)

Mode B

Mode C

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主屏显示说明(以主题二为例)

菜单设置说明

- 增益: 高低增益设置
- 滤波器: 数字滤波器设置, 内含7款数字滤波器可选
- 音量级数: 音量控制总级数设置, 可以选择60级和120级音量
- 同轴输出: 开启同轴输出后, 可以通过另购3.5耳机插头转SPDIF来输出SPDIF信号。在使用模拟输出耳机听歌时请关闭此输出至UAC模式。
- 声道平衡: 左/右声道输出平衡设置
- 亮度: 屏幕显示亮度设置
- PEQ模式: 均衡器设置
- 最大音量设置: 设置最大音量限制
- 屏幕翻转: 屏幕显示翻转, 可以设置180度翻转显示

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Main Screen Display Explanation(take Theme 2 as an example)

Menu Settings Explanation

- Gain: High/Low gain setting.
- Filter: Digital filter settings, with 7 filters available.
- Volume level: Total volume level setting, 60 and 120 levels available.
- Coaxial output: After enabling coaxial output, use a separate 3.5mm to RCA cable to output SPDIF signals. Please disable this output when listening to music through analog headphones.
- Channel balance: Left/Right channel balance setting.
- Brightness: Display screen brightness setting.
- PEQ mode: Equalizer setting.

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解屏使用说明

- 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。
- 主题: 界面主题
- UAC模式: 可以选择USB 2.0/1.0模式
- HID按键: A/B/C三种按键模式选择
- USB-OTA: 打开后可以通过侧Type-C接口连接电脑升级单片机固件
- 充电设置: 可以打开或关闭接入侧Type-C口的迷你电源ESTICK进行充电, 打开充电设置后, 请在主Type-C口接入电源适配器, 并在充电弹窗界面选择充电选项, 以完成充电步骤。
- 电压显示: 显示当前电压
- 电流显示: 显示当前电流
- 台机模式: 显示台机模式状态
- EQ模式: 显示EQ选择状态

(注: 仅支持对迷你电源ESTICK充电, 打开充电后请勿在两个Type-C接口同时接入电源适配器, 以免造成机器损坏)

- Language/中文: 可以选择中文和英文两种语言
- 恢复出厂: 恢复所有默认设置
- 版本号: 固件版本号显示

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。
- 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的电源适配器。
- 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机模式使用。
- 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。

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Max volume: Set the maximum volume limit.

Screen rotation: Display screen rotation setting, including 180-degree rotation.

Screen timeout: Time setting for the screen from on to off.

Theme: Display theme.

UAC mode: Select between USB 2.0 and 1.0 modes.

HID button: Select between Mode A, B and C.

USB-OTA: Enabled to upgrade single chip firmware by connecting to a computer via the side Type-C port.

Charging settings: Enable or disable charging for the mini power bank ESTICK connected to the side Type-C input port. After enabling charging, please connect a power adapter to the main Type-C port, and select enabling charging in the pop-up window to complete the charging process.

(Note: Only supports charging the mini power bank ESTICK. After enabling charging, please do not connect power adapters to both Type-C ports simultaneously to avoid damaging the device.)

Language/中文: Select between Chinese and English.

Factory reset: Restore all default settings.

Version: Display firmware version number.

Pop-up Window Explanation

- When the screen displays "Output Error", the device will stop output. Please disconnect the USB power and remove the headphones, then reconnect the USB power and insert the headphones to resume use.

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解屏使用说明

- 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问题。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及以上版本和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
- 当工作在“USB独占模式”下, 某些设备可能音量失效, 建议您先确认音量是否两配耳机, 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/qx13_fa

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的电源适配器。
- 由于采用高性能的解码芯片和放大芯片, 使用过程会产生发热, 属于正常现象。
- 听音乐前请先调节适当的音量, 以防音量过大损伤听力。
- 佩戴耳机时建议不用佩戴耳机, 以防有可能会产生较大瞬间冲击声损伤听力。
- 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。

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When the screen displays "Overheating", it indicates the device is excessively hot. Please disconnect the USB power, let it cool down, and try again. In addition, it's recommended to use the Desktop mode in a non-high-temperature environment.

When the screen displays "Insufficient Power", it indicates that the current USB port has insufficient power supply, which will limit the output power.

Decoding Function Explanation

- Use a USB Type-C or Lightning cable to connect the QX13 to a mobile phone, tablet PC, or other devices.
- Notes: 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 QX13 normally.
- The QX13 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>.
- Note: When connecting to a computer, please ensure the "FIO QX13" 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.
- During firmware updates, the interface will display "Updating", please do not disconnect the USB power supply, and wait until the screen shows "Update Completed" before proceeding. For detailed firmware update instructions, please refer to https://www.fioo.com/qx13_fa.

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包装清单

- QX13主机
- Type-C 转 Type-C 数据线
- 皮套
- 快速入门
- 售后维修卡

了解更多

- 有关QX13的相关视频说明和常见问题解答(FAQ), 请扫描QX13 FAQ 二维码。
- 了解更多信息, 请访问: www.fioo.com
- QX13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: F3011Q

额定输入: 5V=2A

尺寸: 约64.2x30.7x13mm

重量: 约33.7g (银色) / 约39.2g (钛金色)

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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Notes and Precautions

- This product is powered via USB and will consume the power of your phone or computer. To avoid draining your phone or computer's power, please connect a power adapter to the side power supply port.
- When using a power adapter, please use one that is certified and meets standard requirements (for example, use a CCC-certified power adapter if in China).
- Since the QX13 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 device on your own and do not put it in water.
- You might not be able to hear the sound of the surroundings when using headphones. For your safety, please avoid using headphones in dangerous environments.

List of Items Included

- QX13
- Type-C to Type-C data cable
- Leatherette case
- Quick start guide
- Warranty card

To Learn More

- For related video instructions of the QX13 and FAQ (Frequently Asked Questions), please scan the QR code below.
- To learn more about the product, please visit our website: www.fioo.com
- The QX13 can be controlled by the FIOO Control App. Please scan the QR code below to download it.

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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)	铜(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, 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。

Q: 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: 表示该有害物质在该部件所有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确的环境使用期限标识。

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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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

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

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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.

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