

简体中文 桌面高清数播解码耳放一体机

机器接口介绍

① 显示屏	⑤ 档位旋钮指示灯
② 电源、锁屏按钮/音量旋钮	⑥ XLR4平衡耳机输出
③ 音量旋钮指示灯	⑦ 4.4mm平衡耳机输出
④ 模拟输出档位旋钮	⑧ 6.35mm耳机输出

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⑩ SD卡槽	⑲ XLR平衡线路输出端口
⑪ Type-C USB3.0端口	⑳ 100M以太网端口
⑫ RCA线路输出端口	㉑ USB-A端口
⑬ HDMI输入端口	㉒ WIFI/蓝牙天线
⑭ HDMI输出/ARC端口	㉓ 接地开关
⑮ 同轴输出端口	㉔ AC/DC电源拨动开关
⑯ 光纤输出端口	㉕ DC电源输入端口
⑰ 同轴输入端口	㉖ AC电源开关
⑱ 光纤输入端口	㉗ AC电源输入端口

※图片仅供参考,具体以实物为准

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电源

R9支持AC和DC供电。出厂默认AC供电,并将AC电源开关默认开启,接入电源线即可使用;如需外接DC供电,请将AC/DC推钮拨到DC位置,并确保DC电源的输出电压为15V,输出电流≥3A。

电源键功能

开机:关机状态下长按电源键。
 进入/退出屏保:开机状态短按电源键。
 同时熄灭屏和指示灯:开机状态双击电源键。
 关机/重启/工作模式选择:开机状态长按电源键。

模拟输出档位设置

R9有四档输出设置,旋钮拧到不同档位时,对应不同的输出方式,具体如下(✓表示当前档位有输出,X表示当前档位无输出)

输出端口	档位1	档位2	档位3	档位4
6.35mm耳机输出	✓	✓	✗	✗
4.4mm平衡耳机输出	✓	✓	✗	✗
XLR4平衡耳机输出	✓	✓	✗	✗
RCA线路输出*2	✓	✗	✓	✓
XLR平衡线路输出	✓	✗	✓	✓

备注 音量可调 音量可调 音量可调 音量固定最大

光纤/同轴输出

使用光纤/同轴输出接口时,需在设置-音频选项中,开启光纤/同轴输出开关,该选项默认为关闭。
 当开启光纤/同轴输出开关后,播放时按标准SPDIF协议规格输出,同轴输出最高采样率为PCM 384K和DSD128,光纤输出最高采样率为PCM 192K,超过最高采样率的曲目会做SRC处理。

手势操作

返回上一级:从屏幕左侧边缘向右滑动,或屏幕右侧边缘向左滑动。
 返回桌面:从屏幕下方上滑。
 多任务管理:从屏幕下方上滑并停留。

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工作模式切换

R9拥有10种工作模式,分别为安卓模式、纯音模式、AirPlay模式、USB DAC模式、蓝牙接收模式、同轴解码模式、光纤解码模式、Room ready模式、HDMI解码模式和HDMI ARC模式。首次开机将默认为安卓模式,您可以长按电源键唤出工作模式页面,根据使用需求,选择对应的工作模式。

- 安卓模式/纯音模式**
 安卓模式/纯音模式下可连接电脑与R9传输数据。
 注:MAC系统需MTP驱动,以及Windows系统的USB DAC驱动可查看本机FIO Driver磁盘,或者通过下载地址:
https://www.fio.com/Driver_Download进行下载。
- USB解码模式**
 首次切换到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USB解码功能。
- 本地升级**
 请前往官网下载对应机型的升级固件,并按相应教程进行版本升级。
 下载地址:<http://www.fio.com/supports>
- 蓝牙耳机接收模式**
 首次切换到蓝牙耳机接收模式时,R9将自动进入配对状态,后续再次进入蓝牙耳机接收模式时将自动回连上一次连接设备。
- 同轴解码模式**
 工作模式页面,点击同轴解码模式后,系统会自动跳转到同轴解码界面,此时给R9接入有效的同轴信号,R9即可开始同轴解码工作。
- 光纤解码模式**
 工作模式页面,点击光纤解码模式后,系统会自动跳转到光纤解码界面,此时给R9接入有效的光纤信号,R9即可开始光纤解码工作。
- AirPlay模式**
 AirPlay模式工作时需要接入WiFi网络,进入AirPlay前请确认R9已连接正常可用的网络。
- Room Ready**
 Room Ready工作模式时,R9需要与Room服务端接入同一个局域网,在Room服务端选择搜索到的R9音频设备后,即可正常控制服务端播放音乐。
- HDMI解码模式**
 工作模式页面,点击HDMI解码模式后,系统会自动跳转到HDMI解码界面,此时给R9接入有效的HDMI信号,R9即可开始HDMI解码工作。HDMI解码模式下,R9本机模拟有音频输出,同时也可以通过HDMI OUT端口连接到显示器等接收设备,传输视频和音频信号。

包装清单

(请核对包装内是否包含以下物品)

- R9主机
- 电源线
- USB数据线
- 底座垫
- 快速入门
- 售后维修卡
- 6.35mm转3.5mm耳机转接头

了解更多

- 有关R9的相关视频说明和常见问题解答(FAQ),请扫描R9 FAQ二维码。
- 了解更多产品信息,请访问:
www.fio.com

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- HDMI ARC模式**
 工作模式页面,点击HDMI ARC模式后,系统会自动跳转到HDMI ARC模式界面,此时给R9的HDMI OUT端口上支持ARC输出的设备,能将音频回传到R9输出。
- USB端口功能**
 R9背面有1个Type-C的USB端口,和一个USB-A端口,Type-C是USB3.0端口,支持数据传输、USB HOST、USB OTG等功能;USB-A端口,仅支持USB HOST和USB OTG功能,不能连接电脑传输数据。
- 固件升级**
 - OTA在线升级**
 打开WiFi并连接到可用网络即可自动检测是否有新版本固件更新。若未检测到新版本,可尝试前往“技术支持-固件升级-在线升级”,点击“检查更新”进行手动检测更新。

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	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,按照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,则该表中该部件为空。
 O:表示该有害物质在该部件所有均质材料中的含量均符合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和相关的中国政府的法规,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。
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产品名称:桌面高清数播解码耳放一体机
 产品型号:F3051R
 额定输入:DC 15V=3A;AC 100-240V ~ 50/60Hz
 尺寸:约115x127x160mm
 重量:约2271g
 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。

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	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

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Buttons and Ports Labeled

① Display	⑤ Level knob indicator light
② Power/Lockscreen/Volume knob	⑥ XLR4 balanced headphone out
③ Volume knob indicator light	⑦ 4.4mm balanced headphone out
④ Analog output level knob	⑧ 6.35mm headphone out

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English All-In-One Desktop Android HiFi Music Player

⑩ MicroSD card slot	⑲ XLR balanced line-out
⑪ Type-C USB3.0 port	⑳ 100M Ethernet port
⑫ RCA line-out	㉑ USB-A port
⑬ HDMI in	㉒ WIFI/Bluetooth antenna
⑭ HDMI out/ARC port	㉓ Ground switch
⑮ Coaxial out	㉔ AC/DC power toggle switch
⑯ Optical out	㉕ DC power in
⑰ Coaxial in	㉖ AC power switch
⑱ Optical in	㉗ AC power in

※Pictures are for reference only. The actual product may vary.

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English All-In-One Desktop Android HiFi Music Player

Power Supply

The R9 supports AC and DC power supplies. AC power supply prevails as default at its first startup and the AC power switch is defaulted to be ON, so the R9 can be used after connecting to a power cable. When connecting to a DC power supply, please toggle the AC/DC toggle switch to the DC position, and ensure the output voltage is 15V and output current ≥3A.

Power Button Functions

Power on: Hold the power button when the device is off;
 Enter/Exit screensaver page: Short press the power button when the device is on;
 Screen and indicator light simultaneously off: Double press the power button when the device is on;
 Power off/Reboot/Select modes: Hold the power button when the device is on.

Settings of Analog Output Level

The R9 supports 4 output levels. Different level position means different output modes. Here are the details (✓ means the current level has output while ✗ means no output).

Analog output level knob	PO+PRE OUT	PO	PRE OUT	LO
6.35mm headphone out	✓	✓	✗	✗
4.4mm balanced headphone out	✓	✓	✗	✗
XLR4 balanced headphone out	✓	✓	✗	✗
RCA line-out*2	✓	✗	✓	✓
XLR balanced line-out	✓	✗	✓	✓

Note Volume adjustable Volume adjustable Volume adjustable Volume fixed at max level

Optical/Coaxial Output

When using the optical/coaxial output port, please go to the Settings-Audio menu to switch the OPT/COAX OUT to on, which is defaulted to be off.
 After switching on the OPT/COAX OUT, the playback will be output by standard SPDIF protocol. The maximum sampling rate of coaxial output is PCM 384K and DSD128, and optical output is PCM 192K. Tracks that exceed the highest supported sampling rate will be SRC processed.

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English All-In-One Desktop Android HiFi Music Player

Gesture Operation

Return to previous menu: Swipe right from the left edge of the screen, or swipe left from the right edge.
 Return to homepage: Swipe up from the bottom edge of the screen.
 Multitask managing: Swipe up from the bottom edge of the screen and then hold.

Working Mode Switch

The R9 has ten working modes: Android mode, Pure Music mode, AirPlay mode, USB DAC mode, Bluetooth Receiving mode, Coaxial Decoding mode, Optical Decoding mode, Room Ready mode, HDMI IN mode, and HDMI ARC mode. The R9 will default to enter the Android mode when it powers on for the first time. You can hold the Power button to call up the working mode menu and select the mode you want.

- Android mode/Pure Music mode**
 Under the Android mode/Pure Music mode, the R9 can be connected to a computer for data transmission.
 Note: The MTP driver for MAC and USB DAC driver for Windows can visit the local FIO Driver disk for download, or you can download them at https://www.fio.com/Driver_Download
- USB DAC mode**
 When switching to the USB DAC mode for the first time, please download the USB DAC driver on our website and follow relevant instructions to install it before using the USB DAC function.
- Bluetooth Receiving mode**
 When switching to the Bluetooth Receiving mode for the first time, the R9 will automatically enter the pairing state. The next time it enters Bluetooth Receiving mode, it will reconnect to the last connected device automatically.
- Coaxial Decoding mode**
 On the working mode page, tap the Coaxial Decoding mode, and the system will automatically jump to it. At this time, connect the R9 to valid coaxial signals and the Coaxial Decoding mode will be enabled.
- Optical Decoding mode**
 On the working mode page, tap the Optical Decoding mode, and the system will automatically jump to it. At this time, connect the R9 to valid optical signals and the Optical Decoding mode will be enabled.
- AirPlay mode**
 When working in AirPlay mode, the R9 requires a valid WiFi connection. Please confirm that it is connected to an available network before entering the AirPlay mode.

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- Room Ready**
 When working in Room Ready mode, the R9 needs to connect to the same LAN as the Room Server. Search the R9 on the Room Server and select it, and the R9 can control the Room server for music playing.
- HDMI IN mode**
 On the working mode page, tap the HDMI IN mode, and the system will automatically jump to it. At this time, connect the R9 to valid HDMI signals and the HDMI IN mode will be enabled. Under the HDMI IN mode, the analog output of the R9 can output audio. At the same time, the R9 can be connected to a receiving device, such as a monitor, through its HDMI OUT to transmit video and audio signals.
- HDMI ARC mode**
 On the working mode page, tap the HDMI ARC mode, and the system will automatically jump to it. At this time, connect the HDMI OUT of the R9 to a device that supports ARC output, and audio signals can be passed back to the R9 for output.

USB Port

The back of the R9 has a USB Type-C port and a USB-A port. The USB 3.0 Type-C port supports data transfer, USB HOST, USB OTG and so on, and the USB-A port only supports USB HOST and USB OTG.

Firmware Upgrade

- OTA (Over-the-Air) online upgrade**
 Turn on the WiFi function on the R9 and connect it to an available network. It will automatically detect if there is a new firmware. If no firmware is detected, please tap "Technical Support -> Firmware Update -> Online Upgrade" to check and upgrade the firmware manually.
- Local upgrade**
 Please download the firmware on our website and follow relevant instructions to upgrade it.
 Download link: <http://www.fio.com/supports>

Notes and Precautions

- Please use the device under appropriate input voltage.
- Sudden volume changes may occur when switching audio sources. Please ensure the volume is at a low level before wearing headphones. Wearing headphones at high volume for a long time may lead to permanent hearing defects.
- The device should be connected to the power outlet with grounding protection.

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English All-In-One Desktop Android HiFi Music Player

- Please ensure that the power switch can be operated conveniently. Please turn off the power switch when the device is to be left unused for a long time.
- There are high-voltage risks inside the device. Please do not disassemble the cover on your own.

List of Items Included

(Please check if the following items are included)

- R9
- Power cable
- USB data cable
- Quick start guide
- Warranty card
- Device feet
- 6.35mm to 3.5mm headphone adapter
- RM3

To Learn More

- For related video instructions of the R9 and FAQ (Frequently Asked Questions), please scan the QR code below.
- To learn more about the product, please visit our website: www.fio.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.

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

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.fio.com/doc

Function	Frequency	Maximum output power
Bluetooth	2402-2480MHz	5dBm
	2402-2480MHz	14dBm
WiFi	5180-5320MHz	13dBm
	5500-5825MHz	8dBm

For this radio device, the following restrictions on putting into service or of requirements for authorisation of use apply in BE, BG, CZ, DK, DE, EE, IE, EL, ES, FR, HR, IT, CY, LV, LT, 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.

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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 R9 includes MQA technology, which enables you to play back MQA audio files and streams, delivering the sound of the original master recording. The R9 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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