

BR15 R2R introduction

Thank you for purchasing the BR15 R2R High-Res Bluetooth Audio Receiver.

Developed with great care by Guangzhou FIIO Electronics Technology Co., Ltd., the BR15 R2R is a Bluetooth receiver and digital signal decoding turntable. It features rich connectivity, including two sets of RCA single-ended outputs, one set of XLR balanced line outputs, as well as one coaxial and one optical digital signal output.

The Bluetooth chip adopts Qualcomm's QCC5181, compliant with the LE Audio standard, supporting Bluetooth 5.4 and multiple codecs such as LDAC, aptX HD, and aptX Lossless. With transmission rates up to 1.2 Mbps, Bluetooth audio can now achieve CD-quality lossless level, reproducing fine musical details and creating a live-like listening experience.

The DAC chip employs a 24Bit "R2R" discrete resistor array, consisting of 192 high-precision, low temperature drift thin-film resistors, delivering a uniquely rich and musical sound.

The 1.47-inch color screen supports displays of track names, lyrics, and other details in Bluetooth mode. Together with two independent volume and menu knobs and an infrared remote control, it offers you a convenient and enjoyable operating experience.

HiFi Bluetooth Audio Receiver **Buttons and ports labeled** (Pictures are for reference only. The actual product may vary.) Menu knob Infrared receiving port (please do not cover it) Power on/off button Display Knob indicator light Balanced line-out Coaxial in/out*[3] Optical out Bluetooth antenna

Single-ended line-out USB in*[1] Optical in DC power in*[4]

高清蓝牙音频接收器

电源与开/关机 ● 音量旋钮: 工作模式,切换至需要的模式时,短按旋钮,即可切换到相应工作模式并跳转到主界面。若不想切换其他模式,长按旋钮可返回

高清蓝牙音频接收器 1.后面板USB和前面板USB都可以用于USB解码,两个USB同时插入设备时,前面板USB优先,后面板USB无效 2.单片机固件升级时, 请连接前面板USB口

3.同轴输入/输出端口,在同轴解码模式下只能作为输入端口,其他工作模式下为输出端口 4.DC接头规格:5.5×2.1mm;DC和AC同时连接状态下,DC供电有效,AC无效。

BR15 R2R支持AC和DC供电。当需要使用AC供电时,请先拔出DC电源,接上AC电源线并将AC电源开关打开;如需外接DC供电,请确保 DC电源的输出电压为5V,输出电流≥2A。 BR15 R2R开机状态下,短按开关机键可以实现熄屏/唤醒,长按开关机按键或使用红外遥控器均可控制BR15 R2R进入关机状态;而

BR15 R2R处于关机状态时,短按开关机按键或使用红外遥控器均可控制BR15 R2R实现开机。

BR15 R2R开机后,转动音量旋钮,可调节音量大小。亮屏状态下,短按旋钮,可以实现静音/取消静音操作。

● 切换工作模式: 在主界面状态下, 直接转动菜单旋钮即可进入工作模式菜单, 旋动旋钮后可依次切换USB/光纤/同轴/蓝牙, 四种

● 设置菜单:在主界面状态下,短按菜单旋钮,即可进入设置菜单,转动旋钮选择设置项,短按确认。在设置菜单下,长按旋钮约2s可 返回上一级菜单,也可以通过选择菜单中的返回图标,确认后返回上一级。

HiFi Bluetooth Audio Receiver

1. Both the front and rear USB ports support USB decoding, When both USB ports are connected simultaneously, the front port will prevail, and the rear port will be disabled.

2. When upgrading the MCU firmware, please use the front USB port.

3. The coaxial in/out works only as the input port in the Coaxial decoding mode, and as the output port in other modes. 4. DC plug specification: 5.5x2.1mm. When both DC and AC are connected simultaneously, the DC power supply takes priority and the AC is disabled.

Operation explained

Power supply and power on/off

The BR15 R2R supports both AC and DC power supplies. When using AC power, please disconnect the DC power first, and then connect the AC power cable and turn on the AC power switch. For external DC power, please ensure the output voltage is 5V and the output current is greater than 2A.

While the BR15 R2R is on, short press the power on/off button to turn the display off or wake it up. Hold the power on/off button or use the infrared remote control to power off the device. While the BR15 R2R is off, short press the power on/off button or use the infrared remote control to power on the device.

Knob operation Volume knob

After powering on the BR15 R2R, rotate the volume knob to adjust the volume level. When the screen is on, short press the knob to mute/unmute the device.

• Switch working modes: While on the main interface, directly rotate the menu knob to enter the working mode menu. Rotate the knob to cycle through USB/Optical/Coaxial/Bluetooth mode. Select the desired mode and short press the knob to confirm and return to the main interface. If you do not wish to switch modes, hold the knob to return to the main

HiFi Bluetooth Audio Receiver

select an item, and short press to confirm. Within the settings menu, hold the knob for about 2 seconds to return to the previous page, or select the return icon in the menu and confirm to go back.

• USB: USB decoding mode, connect to mobile phones or computers. When both USB ports are connected simultaneously,

decoding. Please download the USB DAC driver on our website https://www.fiio.com/Driver_Download and follow relevant instructions to install it. For Mac OS, it runs driver-free.)

COAXIAL: Coaxial decoding mode, connect to devices with a coaxial output.

Bluetooth receiving mode for the first time, the BR15 R2R will automatically enter the pairing state. At this time, the screen of the BR15 R2R will display "Pairing...". In later uses when entering the Bluetooth receiving mode, the BR15 R2R will

Bluetooth supports multiple codecs, including aptX Lossless/aptX Adaptive/aptX HD/aptX/LDAC/AAC/SBC/LC3. During

Different Bluetooth codecs are displayed on the status bar as shown below:

us bar aptX-LS aptX-AD aptX-HD aptX LDAC AAC SBC LC3	etooth dec	aptX Lossless	aptX Adaptive	aptX HD	aptX	LDAC	AAC	SBC	LC3
		aptX-LS	aptX-AD	aptX-HD	aptX	LDAC	AAC	SBC	LC3

● USB:USB解码模式,可以连接手机或电脑解码工作。当BR15 R2R两个USB口都插入设备时,前面板的USB口优先,后面板的USB口

(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

● 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,BR15 R2R将自动进入配对状态,此时

aptX Adaptive/aptX HD/aptX/LDAC/AAC/SBC/LC3多种编码格式。蓝牙模式下播放时,可以在BR15 R2R上显示歌曲名和歌词。

蓝牙编码 aptX Lossless aptX Adaptive aptX HD aptX LDAC AAC SBC LC3

状态栏显示 aptX-LS aptX-AD aptX-HD aptX LDAC AAC SBC LC3

BR15 R2R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,将自动同连上一次连接设备。蓝牙支持aptX Lossless/

●工作模式

BR15 R2R有以下4种工作模式,分别为:

无效。连接手机解码时,BR15 R2R不会消耗手机电量。

• 同轴:同轴解码模式,可以连接同轴输出设备解码工作

• 光纤: 光纤解码模式, 可以连接光纤音频输出设备解码工作

注1:BR15 R2R蓝牙仅支持音频播放,不支持通话功能;

地址:https://www.fiio.com/Driver_Download, Mac OS电脑无需安装此驱动)

BR15 R2R支持均衡器调音功能。可以通过电脑系统或手机端APP调节均衡器。

电脑端在使用均衡器时,请将BR15 R2R设置为USB模式,同时在设置菜单中将

FO设置为非关闭状态(即将FO设置为OFF之外的其他选项), 然后用USB线将

BR15 R2R USB接口连接到电脑, 请前往链接https://fijocontrol.fijo.com/占击

器功能时,请扫描FIIO Control APP二维码,下载相应APP使用即可。

"连接",选择FIIO BR15 R2R,点击连接,即可进行EQ设置。手机端需要使用均衡

注2:歌曲名与歌词显示功能,需要蓝牙播放发射端系统和APP支持才可以在BR15 R2R上显示。

(Note: You would need to install the USB DAC driver when connecting the BR15 R2R to a Windows computer for USB

• OPTICAL: Optical decoding mode, connect to devices with an optical output.

automatically reconnect to the last-connected device.

• Settings menu: While on the main interface, short press the menu knob to enter the settings menu. Rotate the knob to

The BR15 R2R has 4 working modes, explained as follows:

the front port will prevail, and the rear port will be disabled. When connecting to a mobile phone, the BR15 R2R will not consume its power.

BLUETOOTH: Bluetooth decoding mode, connect to devices that support Bluetooth output. When switched to the

playback in Bluetooth mode, the BR15 R2R will display the track name and lyrics.

Working modes

The Bluetooth mode of the BR15 R2R only supports audio playback, but not voice calls; 2. The track name and lyrics display function requires support from both the Bluetooth transmitting device's system and the app in order to be displayed on the BR15 R2R.

高清蓝牙音频接收器

简体中文

● 红外遥控器说明

1.遥控器请使用2节7号(AAA)电池;

English

2.上一曲、播放/暂停、下一曲功能仅蓝牙解码模式下有效。

★如果用错误型号的电池组替换会有着火或爆炸的危险。

★听音前请先调节话当的音量,以防音量过大有损您的听力。

1. Please use two AAA batteries for the remote control.

★当系统出现异常时,请尝试重新开关机或拔插电源即可恢复正常使用。

★本设备内有高压危险,不可自行维修、拆卸或将产品放在有水的地方。

Infrared remote control introduction

Power button ← (°) (usp) → USB mode OPTICAL mode ← OPT CORX (BT) → BLUETOOTH mode Volume+ ← COAXIAL mode

2. The function of the previous track, play/pause, and next track only works in the Bluetooth decoding mode.

电源键 ← USB模式

光纤模式 ← (□FT) (□RX) (■T) 蓝牙模式

音量+ ◆ | 「前軸模式

静音/取消静音

★ 播放/暂停

 $\bot - EQ \longleftrightarrow (EO(\diamondsuit)EO) \longrightarrow F - EQ$

上一曲 ← | (**) (**) | 下一曲

音量- ◆

熄屏/唤醒 ◆ (ℂ



高清蓝牙音频接收器

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★Replacing with an incorrect battery pack may cause a fire or explosion. Previous track

Next track ★In case of system errors, please try to either turn the BR15 R2R off and on, or unplug and replug the power cable to restore Screen off/on ← ⑤ ⑤ Who indicator light on/off ★Please adjust the volume to a suitable level before wearing headphones so as to protect your hearing. ★There are high-voltage risks inside the device. Please do not repair or disassemble the product on your own and please

List of items included (please check if the following items are included)

The BR15 R2R supports equalizer, which can be adjusted through the connected

computer or the app on the mobile phone. When using the equalizer on a computer.

please set the BR15 R2R to USB mode, and set the EO to non-off state (i.e., set the

the computer. Visit https://fiiocontrol.fiio.com/, click "Connect", and select

EQ to any state but off). Then use a USB cable to connect it through its USB port to

"FIIO BR15 R2R" to complete the connection and enter the EQ settings menu. When

using the equalizer on a mobile phone, please scan the QR code of the FIIO Control

 Quick start guide Warranty card

app and download the corresponding app version to use it.

包装内物品清单(请核对包装内是否包括以下物品)

●了解产品更多信息,请访问:www.fiio.com

额定输入:AC 100-240V 50/60Hz;DC 5V=2A

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

产品名称:高清蓝牙音频接收器

尺寸:约210x188x42mm

执行标准:GB4943.1-2022

English

Equalizer introduction

Notes and precautions

keep it away from water.

● BR15 R2R

制造厂:广州飞傲电子科技有限公司

●红外遥控器

●售后维修卡

●有关BR15 R2R的相关视频说明和常见问题解答(FAQ),请扫描BR15 R2R FAQ二维码。

●电源线

RCA线

●BR15 R2R主机

●快速入门

● Infrared remote control ● Power cable ● RCA cable

HiFi Bluetooth Audio Receiver

高清蓝牙音频接收器

Bluetooth

trademark of Qualcomm Technologies International Ltd., registered in the United States and other countries.

English

To learn more

at any time without further notice.

X 0 0 0 0 0 PCBA 焊点 X O O O O 元器件 X O O O O 显示屏* X O O O O 电池* X O O O O O 配件* X O O O O 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

O: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。

环保材料说明

• For related video instructions of the BR15 R2R and FAQ (Frequently Asked Questions),

• To learn more about the product, please visit our website: www.fiio.com Due to continuous improvement, every specification and design is subject to change

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

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.fiio.com/doc Function Frequency

Maximum output power 2402-2480MHz Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. aptX is a

产品中有害物质的名称及含量

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。取决干组件和组件制造 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

please scan the QR code below.

HiFi Bluetooth Audio Receiver

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the

accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee

television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct

that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or

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

HiFi Bluetooth Audio Receiver