

**Preface**

Thank you for buying our product. IR BOX is a non-simulator and PC based on pulse response (Impulse Response) technology. When you can immediately get the highly restored various device speaker low sound. Connect official computer software or mobile APP supporting listening through the IR file, support not greater box simulation presents, a total of 32 presets (16x16 preset), which are suitable for most music styles and music scenes.

Computer software and mobile phone APP are equipped with professional frequency EQ, feedback frequency point and maximum 12dB adjustment range. Carefully adjust the sound quality effect. If you can like it!

**Matters Need Attention**

**Power supply:**  
Please use the correct power adapter with a positive 9V power supply (9V1A is recommended), otherwise it may cause equipment damage! Unplug the power supply without using the equipment or during a thunderstorm.

**Interconnection:**  
Turn off other related devices before connecting to or disconnecting them.

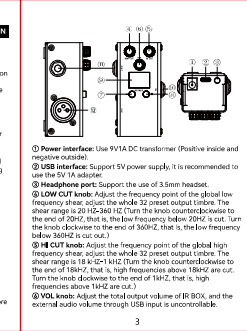
**Electrostatic Interference:**  
Electrostatic waves such as radio and TV may interfere with the use of equipment, so try to stay away from equipment such as mobile phone and TV.

**Place placement:**  
To prevent damage from deformation, discoloration and other objects, avoid the following:  
A. Heat source  
B. Direct sunlight  
C. High temperature and damp  
Dust or other particles  
E. Strong vibration or shake

**Product Features**

1. Simple, high-end design.
2. The factory is equipped with 32 presets, each preset has IR.
3. The product has 25 kinds of classic electric guitar box simulation presets (16x16 preset), 7 kinds of classic electric bass box simulation presents, a total of 32 presets (16x16 preset), which are suitable for most music styles and music scenes.
4. High-performance digital signal processing, signal-to-noise ratio of 130dB, up to 100 to 24bit sampling rate, let you get high-quality sound.
5. The attached USB cable can be connected to the computer for modulation.
6. Less than 1.5m cable, retain the ultimate touch.
7. Users can use software or computer software to customize and replace files in the IR module (Support 44100Hz, 24bit, sampling rate: 100% 24bit sampling points files).
8. The official computer software and mobile phone APP are equipped with a professional frequency EQ module. You can freely adjust the EQ, 12dB and the maximum 12dB adjustment range, after the adjustment can be saved in the host preset with one click.
9. In factory default mode, IR module is on, EQ module is closed, and EQ module is used to manually turn on.
10. When the IR module is closed, the EQ module can be used independently.
11. Users can import/preset presets with one click using official computer software.

**Attention:** Access to the software needs to adjust the volume of the IR module (0-100), and enter the computer software to restore the factory settings.



**Left button:** Select the preset forward. Press the left and right button to enter the BYPASS state.

**Right button:** Select the preset backward. Press the left and right button to enter the BYPASS state.

**Display screen:** Display the number of the current preset (01-32) or the BYPASS status (0) is displayed on the screen).

**Input interface:** 1/4" mono audio input interface.

**Output interface:** 1/4" mono audio output interface.

**Balance output interface:** XLR balance Kanon output interface.

**Present Introduction**

SOUND	SIZE
1 Based on the TransmireLine Celstron 018-10A7-Cap specification	2X12
2 Based on the TransmireLine Celstron 018-10A7-Cap specification	2X12
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32 Based on the TransmireLine Celstron 018-10A7-Cap specification	2X12

SOUND	SIZE
11 Based on the PEAVEY 5150-5heff67200s-7AB specification	4X12
12 Based on the PEAVEY 5150-5heff67200s-7AB specification	4X12
13 Based on the PEAVEY 5150-5heff67200s-7AB specification	4X12
14 Based on the PEAVEY 5150-5heff67200s-7AB specification	4X12
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32 Based on the PEAVEY 5150-5heff67200s-7AB specification	4X12

**Software Support**

**Software support:**  
CubeSFX for Android/iOS: Scan the QR code

**Computer connection method:** Use USB cables to connect the computer, you can connect the computer software CUBE\_SFX for operation.

**Mobile APP connection method:** Search and use CUBE\_SFX for download and install. After entering the software interface, click "Scan nearby device", select "IR-BOX", and click "Pair", which can be used after successful loading.

**Attention:** Only support IR wireless control APP, do not support BT audio transmission.

**Technical parameters**

Exact impedance	1 16Ω
Non-balanced output	1/4 TS interface Impedance 16Ω
Balanced output	XLR interface Impedance 16Ω
Highest output	1/8 Stereo output (TRS) Impedance 22Ω
Power supply 1	DC9V/300mA
Power supply 2	USB/5V/500mA
Operating current	9V/80mA 5V/120mA
Attachment	USB-C data line
Dimension	W60xD85mm/H45mm
Weight	155g
Revised	June 20, 2024

We will continue to improve our products and reserve the right to modify certain functions and specifications (including but not limited to appearance, packaging design, operation manual, accessories, dimensions, specifications, displays, etc.) without further notice.

Please confirm the product functions and specifications with the product before the purchase. Product picture and color due to the light error and screen emission setting. It may be different from the physical product effect. Please refer to the physical effect accordingly.

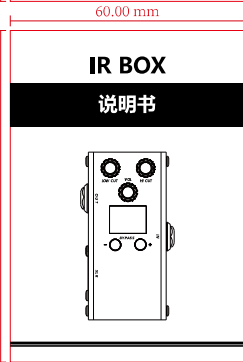
**FCC Warning Statement**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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 use and can receive 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.

FCC Radiation Exposure Statement  
The device has been evaluated to meet general RF exposure requirements. The device can be used in portable operation condition without restriction.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
1) This device may not cause harmful interference.  
2) This device must accept any interference received, including interference that may cause undesired operation.



**前言**

感谢您购买我们的产品。IR BOX是一款基于脉冲响应 (Impulse Response) 技术的非模拟器 PC 端产品。当您能立即获得高度还原的各式设备扬声器低频声音时，连接官方电脑软件或手机 APP，支持通过 IR 文件，支持不高于音箱箱体模拟呈现，共计 32 种预设 (16x16 预设)，均适用于大多数音乐风格和音乐场景。

电脑软件及手机 APP 均配备了专业的频率 EQ，反馈频率点及最大 12dB 的调节范围。精心调节音质效果。如果您喜欢！

**注意事项**

**电源供应:**  
请使用正确的电源适配器，带正电 9V 电源供应 (9V1A 为推荐)，否则可能会导致设备损坏！在不使用设备或未使用设备时请断开电源。

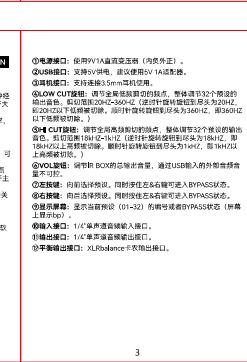
**连接:**  
在连接其他设备前，请先关闭所有相关设备。

**静电干扰:**  
静电干扰可能会干扰设备的使用，请远离以下情况:  
A. 热源  
B. 直射阳光  
C. 高温潮湿和潮湿  
D. 灰尘或其他颗粒  
E. 强烈振动或晃动

**产品特点**

1. 简洁、高端的外观设计。
2. 工厂配备了 32 种预设，每个预设都有 IR。
3. 产品具有 25 种经典电吉他箱体模拟预设 (16x16 预设)，7 种经典电贝斯箱体模拟预设 (16x16 预设)，共计 32 种预设，均适用于大多数音乐风格和音乐场景。
4. 高性能数字信号处理，信噪比为 130dB，采样率高达 100% 24bit，让您获得高品质的声音。
5. 配备 1.5 米线缆，保留最佳触感。
6. 用户可以使用软件或电脑软件自定义和替换文件。在 IR 模块 (支持 44100Hz, 24bit 采样率, 100% 24bit 采样点文件)。
7. 官方电脑软件及手机 APP 均配备了专业的频率 EQ 模块。您可以自由调节 EQ, 12dB 和最大 12dB 的调节范围, 调节后可以在主机预设中一键保存。
8. 在出厂默认模式下, IR 模块为开启状态, EQ 模块为关闭状态, 且 EQ 模块可手动开启。
9. 在工厂默认模式下, 每个预设的音量均为出厂默认音量, 可在软件中单独调节。
10. 您可以通过官方软件或手机 APP 导入/导出预设。
11. 您可以通过官方软件或手机 APP 一键导入/导出预设。

**注意:** 访问软件需要调整 IR 模块的音量 (0-100), 并进入电脑软件以恢复出厂设置。



**左键:** 选择预设向前。按下左键和右键进入 BYPASS 状态。

**右键:** 选择预设向后。按下左键和右键进入 BYPASS 状态。

**显示屏:** 显示当前预设的编号 (01-32) 或 BYPASS 状态 (0) 在屏幕上显示)。

**输入接口:** 1/4" 单声道音频输入接口。

**输出接口:** 1/4" 单声道音频输出接口。

**平衡输出接口:** XLR 平衡音频输出接口。

**预设介绍**

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**软件支持**

**软件支持:**  
CubeSFX for Android/iOS APP: 扫描以下二维码

**电脑连接方法:** 使用 USB 数据线连接电脑, 即可使用电脑软件 CUBE\_SFX 进行操作。

**手机 APP 连接方法:** 搜索并使用 CUBE\_SFX 软件进行下载安装, 进入软件界面后, 点击“扫描附近设备”, 选择“IR-BOX”, 点击“配对”, 即可成功连接。

**注意:** 仅支持 IR 无线控制 APP, 不支持蓝牙音频传输。

**技术参数**

输入阻抗	16Ω
非平衡输出	1/4 TS 接口 阻抗 16Ω
平衡输出	XLR 接口 阻抗 16Ω
最高输出	1/8 立体声输出 (TRS) 阻抗 22Ω
电源供应 1	DC9V/300mA
电源供应 2	USB/5V/500mA
工作电流	9V/80mA 5V/120mA
附件	USB-C 数据线
尺寸	W60xD85mm/H45mm
重量	155g
修订	2024年6月20日

我们将继续改进我们的产品并保留修改某些功能和规格 (包括但不限于外观、包装设计、操作手册、配件、结构图、配件列表和规格) 的权利, 恕不另行通知。

购买前请确认产品的功能和规格。产品图片和颜色可能因光线误差和屏幕发射设置而有所不同。请以实物效果为准。

IR BOX 中英文说明书-----中性				备注	
版本	V05	比例	1:1	日期	2024-06-20
设计	李丽华	印刷	黑白印刷	尺寸	60x85mm
材质	80克书纸	工艺	风琴折	公司	珠海叁科智能科技有限公司
审核	严子铭				

1.英文封面作为封面  
2.产品特性的第八点 20Hz-18KHz改为 30Hz-18KHz  
3.FCC变更, 排版有小修改, 页数减少 2P