

JOYO

PARA-VERB

REVOLUTION
SERIES

Reverb

Thank you for purchasing this product!

In order to use this product properly and safely, please read this owner's manual carefully before operating this product, and keep it for future reference.

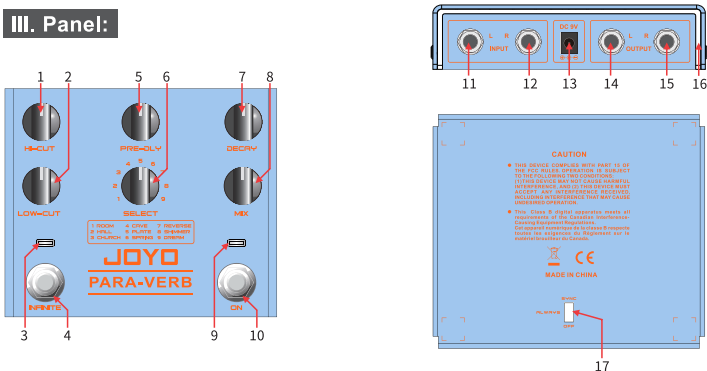
I. Safety Instructions:

- Don't apply excessive force to the switches or controls.
- Clean only with a clean dry cloth. Don't use inflammable substances such as benzene, thinner, detergent and so on.
- Do not place it in humid areas, so as to avoid damage to the internal circuits.
- The operating voltage is DC9V, don't exceed it, otherwise the product will malfunction.
- The power adapter is not included in the packing list, please buy it separately.
- Please make sure the polarity of your power adapter is the same with what is printed on its outer housing, any error on power polarity would cause damage to the product.
- Please turn on your amplifier after this product is powered on.
- Don't dump this product with household garbage. Proper treatment can reduce pollution and health hazards. Please contact your local dealer for correct approaches.

II. Features:

- 9 types of high quality Stereo REVERB
- 6.35mm Stereo Input, Output Jack
- With multiple adjustable Control Knobs
- Storable preset for each effect can be recalled quickly
- "Infinite" function for endless Reverb tail, an ideal choice for creating atmosphere
- Tap the Footswitch to change presets
- Trail on function allows effects to fade out naturally, you can toggle between ON and OFF seamlessly
- True Bypass to minimize tone loss

III. Panel:



- 1. HI-CUT Knob:** Control the high frequency cut of Reverb, Frequency range: 20kHz-2.2kHz.
- 2. LOW-CUT Knob:** Control the low frequency cut of Reverb, Frequency range: 20kHz-520kHz.
- 3. Left Footswitch LED:** It indicates the ON/OFF of the INFINITE Effect, when it's on, the LED will flicker.
- 4. Left Footswitch:** Press and hold it to activate the INFINITE mode.
- 5. PRE-DLY Knob:**Control the Reverb pre-delay(at the preset slot of Spring Reverb, the parameter simulates the length of the Spring).
- 6. SELECT Switch:**1-9 REVERB Effects Select Switch, please refer to the related Effects list.
- 7. DECAY Knob:**Adjust the length of the REVERB DECAY.
- 8. MIX Knob:** Control the mix ratio of Dry signal and REVERB, the minimum level: 100% Dry signal, 0% REVERB, the median level: 50% Dry signal, 50% REVERB, the maximum level: 0% Dry signal, 100% REVERB.
- 9. Right Footswitch LED:** It indicates the ON/OFF, Trail ON/OFF of the pedal, blue=Trail ON, red=Trail OFF
- 10. Right Footswitch:** Press it once to switch ON/OFF, long press it to save the parameters, and the upper LED will flicker.

- 11. INPUT L(Mono) Jack:** 1/4" Mono audio Input.
- 12. INPUT R Jack:** 1/4" Mono audio Input.
- 13. DC 9V In:** DC9V 300mA power supply(Center minus)
- 14. OUTPUT L(Mono) Jack:** 1/4" Mono audio Output.
- 15. OUTPUT R Jack:** 1/4" Mono audio Output.
- 16. Ambience light:** Please refer to No.17 to set up ambience light mode.
- 17. Ambience Control Switch**

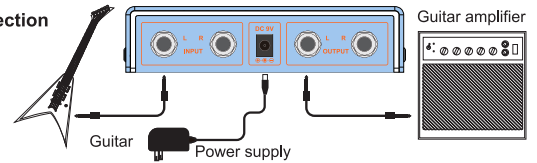
- SYNC mode—The ambience light is in blue when the Footswitch is ON, when you turn off the Footswitch, the ambience light is OFF.
- ALWAYS mode—The ambience light is in blue.
- OFF mode—The ambience light is OFF.

IV. Effects List:

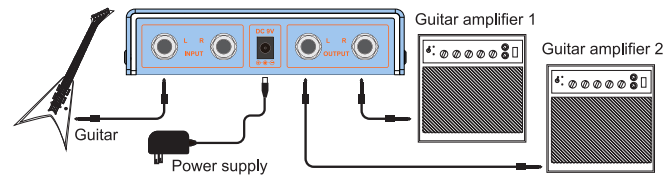
Slot	Reverb Name	Description
1	Room	Warm, slow, and short reverberation of a room
2	Hall	Long and spacious reverberation of a hall
3	Church	Solemn and splendid reverberation of a church. This reverb simulates the reverberation of a empty room with dense surface
4	Cave	Dark and deep cave reverberation of a cave with long pre-delay. This reverb simulates the reverberation of a rock cave with irregul ar surface
5	Plate	Classic clear metallic-sounding reverberation
6	Spring	This simulates spring reverb of a old-style guitar amp
7	Reverse	Supernatural reverse reverberation.This reverb simulates reflection and inverted diffusion
8	Shimmer	Broad and gorgeous octave reverberation
9	Dream	The gentle rising feedback combined with slowly changing modulation processing creates a dreamlike atmosphere reverberation

V. Connection diagram:

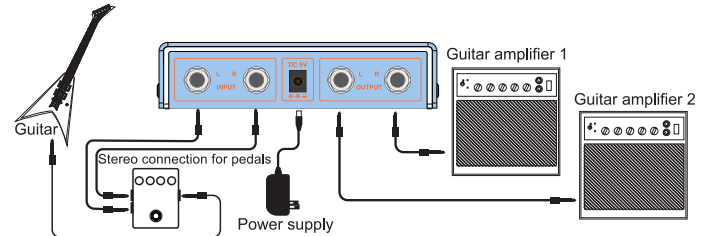
1. Mono connection



2. Stereo connection



3. Stereo connection for pedals



VI. Specifications:

Input: 6.35mm Mono audio Jack x 2 (Impedance 1M Ohms)
Output: 6.35mm Mono audio Jack x2 (Impedance 100 Ohms)
Sample rate: 44.1K
Sampling accuracy: 24-bit
Power requirement: DC9V(Center minus)
Current draw: 300mA
Dimensions: 130*110*50mm
Weight: 416g

*Disclaimer: any specification's update won't be amended in this manual.

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JOYO Technology is committed to guarantee the highest quality standards. All Technical Parameters or pictures are only for your information, subject to the actual products.

JOYO

PARA-VERB

REVOLUTION

Reverb

感谢购买我们的产品!

请详细阅读本使用说明书和保管好本说明书以供必要时查阅。
为了您的安全和能更快地熟练使用产品,使用前请先仔细阅读并理解本说明书中所有的安全与使用说明。
本说明书内容仅用于使用说明,可能与实际操作本产品时有所不同。谢谢!

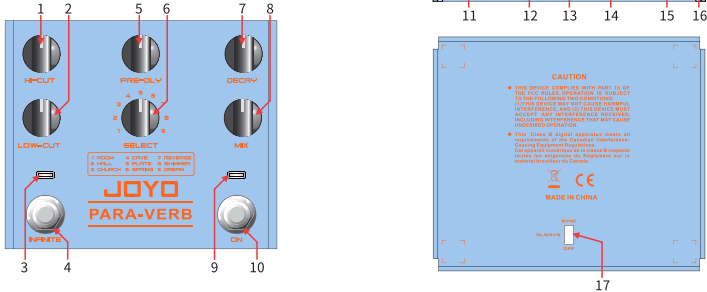
一. 注意事项:

- 操作开关和按键时请不要用力过当,以免损坏本机。
- 如果表面脏了,用干净、干燥的布擦拭。不要用苯、天拿水、洗涤剂、可燃性抛光剂等液体清洁剂。
- 请不要将本产品放在潮湿的地方,以免损坏内部电路。
- 本产品的工作电压为DC9V,请勿超过此电压限制,否则将导致本产品损坏。
- 本产品出厂时不附带电源适配器,您需要另行购买。
- 请留意您的电源适配器是否与本产品外壳上所标识的电源极性一致,电源极性错误可能导致本产品损坏。
- 请在本产品电源连接以后,再打开您的放大器电源。
- 不要把本机和生活垃圾一同丢弃。正确的处理可以减少环境污染和健康危害。正确的处理方法各地不同,所以详情请联系当地官方机构。

二. 性能概括:

- 9种高品质的立体声混响音色。
- 带有6.35mm立体声输入、输出接口。
- 带有丰富的参数范围可调节旋钮。
- 每种效果类型均可分别存储为预设方便调用。
- Infinite功能支持将混响尾音无限延长,非常适合氛围营造。
- 踩钉预设切换模式支持预设的切换。
- Trail尾音保持功能可无缝开关效果并保持效果尾音。
- True Bypass设计保证你直通信号纯净。

三. 面板介绍:



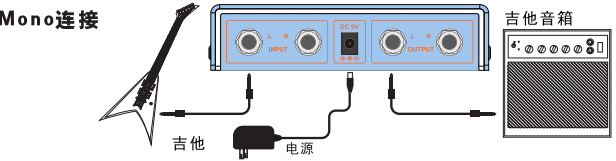
1. **HI-CUT旋钮**: 调节混响效果音的高切,最小值关闭高切,调节范围20kHz - 2.2kHz。
2. **LOW-CUT旋钮**: 调节混响效果音的低切,最小值关闭低切,调节范围20Hz - 520Hz。
3. **左踩钉灯**: 指示INFINITE无限效果音开关,激活无限效果音时此灯闪烁。
4. **左踩钉**: 踩下保持激活INFINITE无限效果音功能。
5. **PRE-DELAY旋钮**: 调节预延迟干声和混响开始之间的时间量。
6. **SELECT开关**: 1-9混响效果选择开关,对应用效果见表。
7. **DECAY旋钮**: 调节混响效果音的衰减时长。
8. **MIX旋钮**: 调节干声和混响的混合比例,最小值干声100%、混响0%,中间值干声和混响各50%,最大值干声0%,混响100%。
9. **右踩钉灯**: 指示效果开关状态;亮灯表示开启,灭灯表示关闭。亮起的颜色指示Trail尾音保持功能开关,蓝色=Trail开启,红色=Trail关闭。
10. **右踩钉**: 单踩执行效果开关,长踩此开关可以保存参数,上方LED会闪烁。
11. **INPUT L(Mono)接口**: 6.35mm单声道左接口,单声道使用场景的输入接口(立体声场景的左输入接口)。
12. **INPUT R接口**: 6.35mm单声道右接口,单声道使用场景的输入接口(立体声场景的右输入接口)。
13. **DC 9V供电接口**: 连接DC9V不小于300mA内负外正的直流电源进行供电。
14. **OUTPUT L(Mono)接口**: 6.35mm单声道左接口,单声道使用场景的输出接口(立体声场景的左输出接口)。
15. **OUTPUT R接口**: 6.35mm单声道右接口,单声道使用场景的输出接口(立体声场景的右输出接口)。
16. **氛围灯**: 请参考17来设置氛围灯模式。
17. **氛围灯控制开关**:
 - SYNC模式-当踩钉开关开启时,氛围灯为蓝色灯,踩钉开关关闭时,氛围灯不亮。
 - ALWAYS模式-氛围灯为常亮蓝色灯。
 - OFF模式-氛围灯不亮。

四. 效果列表:

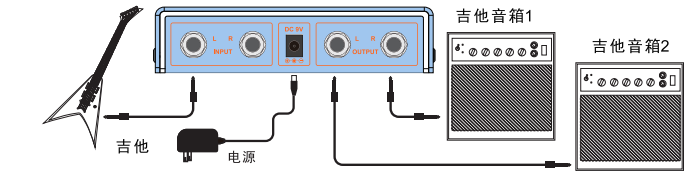
效果编号	效果名称	效果描述
1	Room	具有温暖漫反射特性及较短混响时长的房间混响
2	Hall	较长的扩散反射时长营造出宽阔的大厅混响
3	Church	Church庄严华丽的教堂混响,模拟具有致密表面材料且空旷的空间混响
4	Cave	幽暗深邃的山洞混响,拥有较长的预延迟,模拟出不规则岩石表面的反射特性
5	Plate	经典的金属板混响,具有清晰明亮的音色特性
6	Spring	模拟老式音箱标志性的“水滴”尾音的弹簧混响
7	Reverse	模拟反射及扩散方向倒置的超自然反向混响
8	Shimmer	宽广华丽的八度音混响
9	Dream	轻柔渐起的反馈音,同时加入缓缓变化的调制处理,营造出如梦如幻的氛围混响

五. 连接示意:

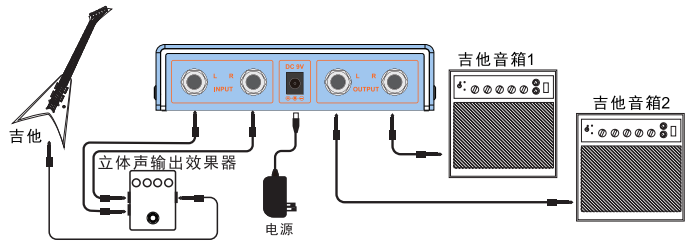
1. Mono连接



2. Stereo连接



3. 立体声输出效果器接法



六. 规格参数:

输入: 6.35mm单声道音频接口x2 (阻抗1M Ohms)
输出: 6.35mm单声道音频接口x2 (阻抗100 Ohms)
采样率: 44.1K
采样精度: 24bit
电源供给: DC9V(内负外正)
电流: 300mA
尺寸: 130*110*50mm
重量: 416g

*免责声明: 参数更新恕不另行通知。

卓乐产品服务政策

- 一、在正常使用产品过程中,如果产品出现非人为损坏的性能故障,自购买之日起,消费者享有保修服务,保修期为12个月。
- 二、有下列情况之一者,消费者不能享受保修权益:
 1. 人为损坏;
 2. 超过保修期;
 3. 无保修卡及有效发票,但能够证明产品在保修期内的除外;
 4. 保修卡与产品型号不符,或保修卡被涂改;
 5. 未按说明书要求使用、维护、保养而造成产品损坏;
 6. 未经卓乐公司授权,擅自拆卸、维修产品、或浸水、摔坏产品;
 7. 其他不可抗力造成的损坏。
- 三、卓乐服务信息:
消费者服务热线: 0755-29765390
更多信息请访问: www.joyochina.cn



卓乐产品保修卡

产品型号	SN号码
用户信息	姓名
	购机日期
	电话
	地址
	发票号码
销售单位信息	名称(加盖公章)
	地址
	电话

品牌: JOYO 名称: 效果器
执行标准: QB/T 4324-2012
制造商: 深圳市卓乐科技有限公司
地址: 广东省深圳市宝安区28区新安三路
陆氏工业大厦2楼 邮编: 518133
售后服务热线: 0755-29765390

产品合格证

检验结论: 合格
检验员号: QC 01
日期: _____