JOYO

PREAMP HOUSE

REVOLUTION
series
Preamp

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.
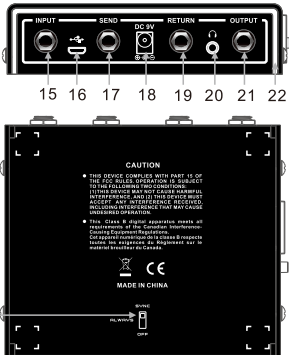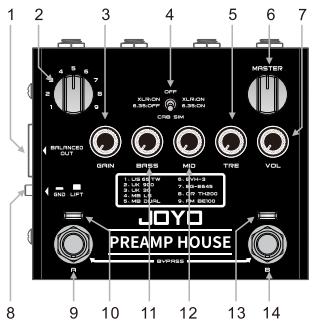
Ⅰ.SAFETY INSTRUCTIONS:

● 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 built-in preamps(18 preamp simulations in all), each amp features Clean Channel and Distortion Channel.
●2 Footswitches, Footswitch A controls Clean Channel, and Footswitch B controls Distortion Channel, for the control of Clean Channel and Distortion Channel, you can choose and save any model you like from the 18 AMP models.
●FX LOOP interface for external FX pedal.
●One built-in 4X12 IR cabinet simulation, 3-position toggle switch controls 3 modes of cabinet simulation: OFF、XLR:ON/6.35: OFF 、 and XLR:ON/6.35: ON (Headphone Jack's cabinet simulation is on, and not controlled by cabinet simulation.)
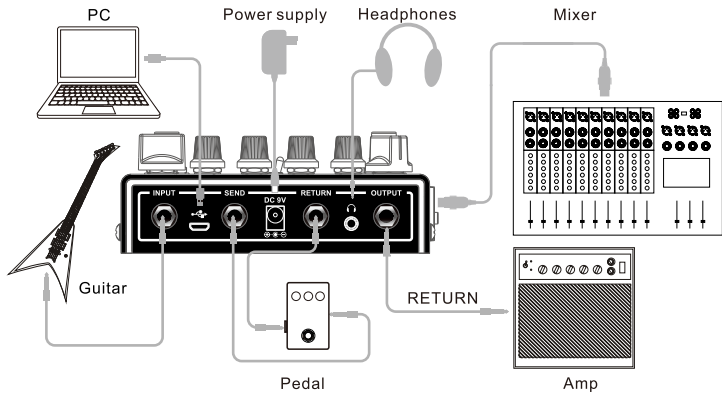
Ⅲ.Panel:

1.XLR Output Jack: Balanced Output (CAB SIM toggle switch controls whether the signal has cabinet simulation or not)
2.9-position tone selection toggle switch: 9-position tone selection toggle switch: select 9 built-in preamp modulation tones. (Please refer to tone list)
3.GAIN Knob: adjust the current channel's Gain.
4.CAB SIM Toggle Switch: control 3 working modes of cabinet simulation.
5.TRE Knob: adjust the current channel's high frequency.
6.MASTER Knob: adjust the pedal's master volume.
7.VOL Knob: adjust the current channel's volume.
8.LIFT Switch: this switch selects whether the XLR is grounded or not.
9.Footswitch A: Clean Channel control switch , also used for Clean Channel preset saving and channel switching. (For details, please refer to the operation)
10.Footswitch A indicator: Clean Channel's working status indicator.
11.BASS Knob: adjust the current channel's low frequency.
12.MID Knob: adjust the current channel's mid frequency.
13.Footswitch B indicator: Distortion Channel working status indicator.
14.Footswitch B: Distortion Channel control switch , also used for Distortion Channel preset saving and channel switching. (For details, please refer to the operation)

15.INPUT Jack: guitar input jack.
16.MICRO USB :used for update firmware.
17.SEND Jack: send signal (FX LOOP).
18.DC 9V: Power Input Jack(320mA).
19.RETURN Jack: Signal return(FX LOOP).
20.Headphones: Headphone Output(Cabinet simulation is always on).
21.OUTPUT: Signal output(CAB-SIM toggle switch controls whether the signal has cabinet simulation or not).
22.Ambience light: Please refer to No.23 to set up ambience light mode.
23 Ambience control switch
SYNC mode—The ambience light is flickering in sync with panel indicator when the tone parameters change.
ALWAYS mode—The ambience light isn't flickering in sync with panel indicator when the tone parameters change, but in yellow.
OFF mode—the ambience light is off.

Ⅳ.Connections:

Ⅴ.Operation :

• The upper part of Footswitch A is LED indicator light, the default tone is Clean, its working conditions are as below:
A: the default channel is A when it's turned on, and the current LED light is on;
B: The LED light flickers continuously(indicating the current channel's tone has changed) when the current preamp tone or parameter is changed, now you need to tap and hold Footswitch A, so as to save the new parameter to A channel. The LED light keeps on flickering if you don't operate like this, and the parameter already been changed remains the same.

• The upper part of Footswitch B is LED indicator light, the default tone is Distortion, the working condition is the same with Footswitch A.
*Press both Footswitch A and Footswitch B simultaneously, it's Bypass mode.

Ⅵ.Tone list:

Tone	Inspired by
1、US 65 TW	Fender 65 Twin Reverb
2、UK 900	Marshall JCM 900
3、UK 30	VOX AC30
4、MB LS	Mesa Boogie LoneStar
5、MB DUAL	Mesa Boogie Dual Rectifier
6、EVH-3	EVH 5150 Ⅲ
7、EG E645	ENGL PowerBall E645
8、OR Th200	Orange Thunderverb 200
9、FM Be100	Friedman BE100

Ⅶ.Specifications:

Input: 1/4' mono audio jack x1（impedance: 1M Ω）
Output: 1/4' mono audio jack x1（impedance: 600 Ω）
Headphone output impedance: 32Ω
XLR output impedance：600Ω
RETURN input impedance：1MΩ
SEND output impedance：600Ω
Sample rate : 44.1K
Sample resolution: 24bit
Working Voltage: DC 9V (center minus)
Current：400mA
Dimensions: 130*110*50mm
Weight: 450g

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

JOYO TECHNOLOGY CO., LTD

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JOYO

PREAMP HOUSE

REVOLUTION series
Preamp

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。
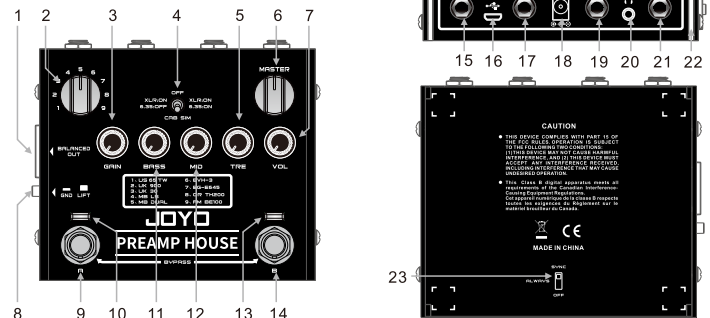为了您的安全和能更快地熟练使用产品，使用前请先详细阅读并理解本说明书中所有的安全与使用说明。本说明书内容仅用于使用说明，可能与实际操作本产品时有所不同。谢谢！

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。
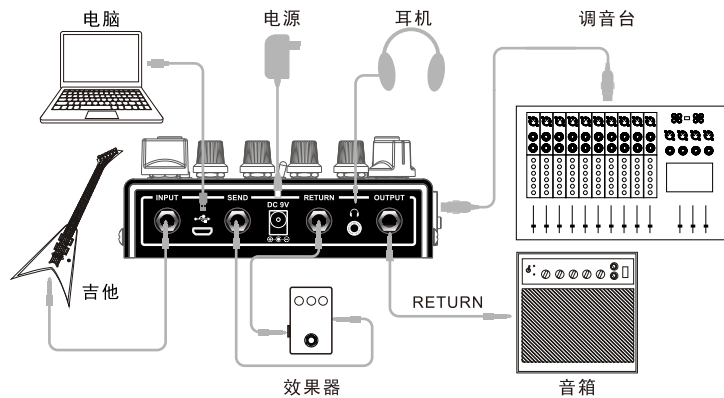● 不要把本机和生活垃圾一同丢弃。正确的处理可以减少环境污染和健康危害。
正确的处理方法各地不同，所以详情请联系当地官方机构。

二.性能概述：

● 内置9套音箱前级（共18种前级模拟），每套音箱分别有清音和失真通道。
● 双踩钉设计，A、B踩钉相对应音箱双通道音色（清音、失真通道），可随意搭配储存18种前级任意一种。
● 带有FX LOOP接口，方便用户串接效果器。
● 内置一个4X12的IR箱体模拟，采用3档拨挡开关,控制箱体模拟的三种模式：OFF、XLR:ON/6.35:OFF、以及XLR:ON/6.35:ON。（耳机接口的箱体模拟为常开，不受箱体模拟开关控制）

三.面板介绍：

1. **XLR输出接口**：平衡输出（可由CAB SIM拨挡控制该信号是否有箱体模拟）。
2. **9档音色选择拨挡**：选择9种音箱的前级模拟音色。（音色类型请参考列表部分）
3. **GAIN旋钮**：调节当前通道的增益大小。
4. **CAB SIM拨挡开关**：控制箱体模拟的三种工作方式。
5. **TRE旋钮**：调节当前通道的高频。
6. **MASTER旋钮**：调节整个效果器的音量大小。
7. **VOL旋钮**：调节当前通道的音量大小。
8. **LIFT开关**：用于平衡输出的接地。
9. **A踩钉**：控制清音通道音色储存及通道切换。（详细操作请参照操作方式部分）
10. **A踩钉指示灯**：清音通道工作状态指示灯。
11. **BASS旋钮**：调节当前通道的低频。
12. **MID旋钮**：调节当前通道的中频。
13. **B踩钉指示灯**：失真通道工作状态指示灯。
14. **B踩钉**：控制失真通道音色储存及通道切换。（详细操作请参照操作方式部分）
15. **INPUT接口**：吉他输入接口。
16. **MICRO USB**：用于固件升级。
17. **SEND接口**：信号发送（FX LOOP）。
18. **DC 9V**：电源输入接口(320mA)。
19. **RETURN接口**：信号返回（FX LOOP）。
20. **HEADPHONES**：耳机输出（箱体模拟常开）。
21. **OUTPUT**：信号输出（可由CAB SIM拨挡控制该信号是否有箱体模拟）。
22. **氛围灯**：请参照23来设置氛围灯模式。
23. **氛围灯控制开关**：
・SYNC模式-- 当音色参数改变时,氛围灯会与面板指示灯同步闪烁。
・ALWAYS模式--当音色参数改变时，氛围灯不会与面板指示灯一起闪烁，而是常亮。
・OFF模式--氛围灯不亮。

四.连接示意：

电脑　电源　耳机　调音台

INPUT　SEND　DC 9V　RETURN　OUTPUT

吉他　效果器　RETURN　音箱

五.操作方式：

• 通道A踩钉，上部为LED状态灯，默认音色为清音，工作状态种类如下：
　A：当通电开机时默认为A通道且当前LED灯为常亮。
　B：当改变当前通道的前级音色种类或参数时，LED灯为持续闪烁（表示当前通道的音色有改变）此时需要按下A踩钉不放，就会将当前改变的参数储存到A通道，如不执行此操作，LED会持续闪烁，同时用户所修改的当前参数不变。

• 通道B踩钉，上部同样为LED状态灯，默认音色为失真，工作状态与通道A一致。
　＊ 当踩钉A和踩钉B同时踩下为Bypass状态。

六.音色列表：

音色	基于
1、US 65 TW	Fender 65 Twin Reverb
2、UK 900	Marshall JCM 900
3、UK 30	VOX AC30
4、MB LS	Mesa Boogie LoneStar
5、MB DUAL	Mesa Boogie Dual Rectifier
6、EVH-3	EVH 5150 Ⅲ
7、EG E645	ENGL PowerBall E645
8、OR Th200	Orange Thunderverb 200
9、FM Be100	Friedman BE100

七.规格参数：

输入：1/4'单声道音频接口x1（阻抗1MΩ）
输出：1/4'单声道音频接口x1（阻抗600Ω）
耳机输出阻抗：32Ω
XLR输出阻抗：600Ω
RETURN输入阻抗：1MΩ
SEND输出阻抗：600Ω
采样率：44.1K
采样精度：24bit
电源供给：DC 9V（内负外正）
电流：400mA
尺寸：130*110*50mm
重量：450g
*免责声明：参数更新恕不另行通知.

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
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产品合格证
检验结论　合格
检验员号　QC 01
日　期