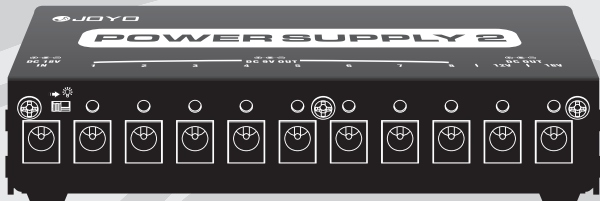


 JOYO

JP-02  
**POWER SUPPLY 2**



User's Manual

# I . WARNING

## **Keep this manual**

After reading this manual, please keep it for later reference.

## **Handling**

To avoid breakage, do not apply excessive force to the switches or controls.

## **Care**

If the exterior becomes dirty, wipe it with a clean, dry cloth. Do not use liquid cleaners such as benzene or thinner, or cleaning compounds or flammable polishes.

## **Keeping foreign matter out of your equipment**

Never set any container with liquid in it near this equipment. If liquid gets into the equipment, it could cause a breakdown, fire, or electrical shock.

Be careful not to let metal objects get into the equipment. If something does slip into the equipment, unplug the AC adapter from the wall outlet. Then contact your nearest dealer or the store where the equipment was purchased.

## **Regarding disposal**

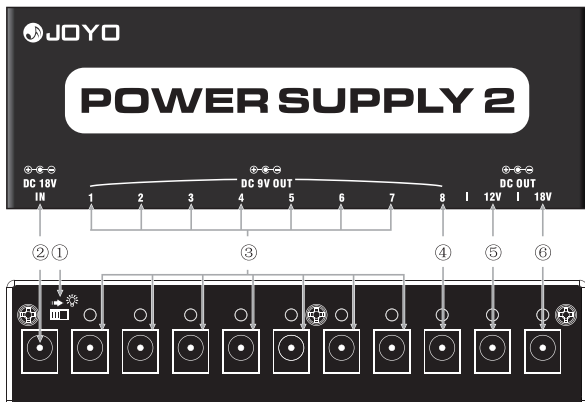
Do not dispose of this product along with your household trash. By disposing of this product correctly, you can avoid environmental harm or health risk. The correct method of disposal will depend on your locality, so please contact the appropriate local authorities for details.

## **Important notice**

This product has been manufactured according to strict specifications and voltage requirements that are applicable in the country in which it is intended that this product should be used. If you have purchased this product via the internet, through mail order, and/or via a telephone sale, you must verify that this product is intended to be used in the country in which you reside.

**WARNING:** Use of this product in any country other than that for which it is intended could be dangerous and could invalidate the manufacturer's or distributor's warranty. Please also retain your receipt as proof of purchase otherwise your product may be disqualified from the manufacturer's or distributor's warranty.

## II . PART NAMES AND FUNCTIONS

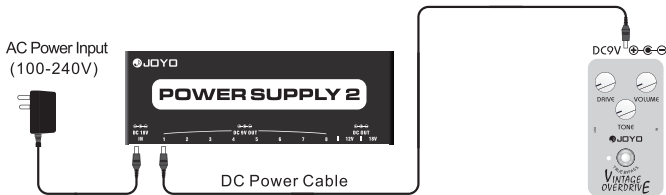


- ① **SWITCH FOR LED LIGHTS:** Turn the switch towards those LED lights, normally all lights would go on after the power is connected. If you don't want all LED lights, please turn the switch back. The front panel of this unit has 10 high-brightness LED lights working as indicators, as well as lighting for Pedal Board.
- ② **DC18V INPUT:** Please plug in the output of power adapter here, and do not use adapter from elsewhere. Using power adapter without our company's tests or certification might cause damages to the host or other devices. On that occasion, the user must bear corresponding responsibility himself.
- ③ **OUTPUT 1-7:** All DC9 V power output with the maximum volume of 100 mA, are suitable for ordinary analog effectors. Under the circumstances of all LED lights on, instantaneous overcurrent in certain output would lead to the corresponding LED light's flash and the currents of this channel limit to 100 mA. That is to say, output 1-7 might not be able to work properly if the connected digital effectors are of larger power consumption, then you need to use output 8.

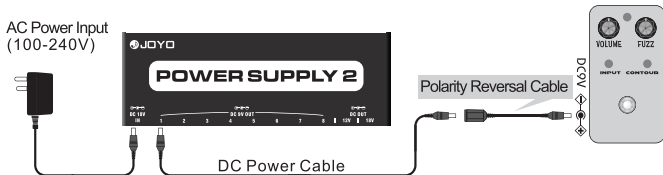
- ④ **OUTPUT 8:** Also DC 9V power output with the maximum volume of 500 mA, is suitable for digital effectors and DC9V low-power digital guitar amplifiers. When instantaneous overcurrent occurs in this channel, the corresponding LED light would be flashing and the currents limit to 500 mA.
- ⑤ **DC12 OUTPUT:** The maximum output current is 100mA. When instantaneous overcurrent occurs in this channel, the corresponding LED light would be flashing and the currents limit to 100 mA.
- ⑥ **DC18 OUTPUT:** The maximum output current is 100mA. When instantaneous overcurrent occurs in this channel, the corresponding LED light would be flashing and the currents limit to 100 mA.

### III. CONNECTION METHOD

1. If the input polarity of the electrical device is  $\oplus \ominus \ominus$ , please connect the DC Power Cable to the device directly, as shown:



2. If the input polarity of the electrical device is  $\diamond \ominus \diamond$ , please connect Polarity Reversal Cable to the DC Power Cable, then connect the device, as shown:



**Attention:**

Incorrect polarity would damage this unit, please make sure correct positive and negative polar before wiring.

## IV. SHORT-CIRCUIT PROTECTION

All 10 outputs in this unit have separate short-circuit protection, i.e. short circuit in one channel won't affect other channels' function. Under the circumstances of all LED lights on, LED light of the short-circuited channel will off, while lights in the other normal channels are still on. This helps locating the faults when there were short circuits among many effectors.

## V. ACCESSORIES

1. Host × 1pcs
2. DC18V Power Adapter × 1pcs
3. DC Power Cable x 10pcs, Polarity Reversal Cable x 2pcs
4. Manual × 1pcs

## JOYO TECHNOLOGY CO., LTD

Address: 2/F, Lushi Industry Building, 28th District, Bao'an, Shenzhen, 518133 China.

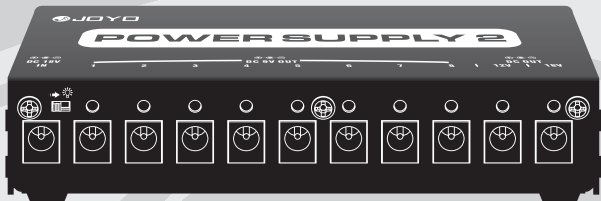
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# POWER SUPPLY 2

JP-02 效果器多路电源



使用说明书

## 一. 注意事项

### 妥善保存本说明书

阅读本说明书后，请妥善保存以备查阅。

### 操作

操作开关和按键时请不要用力过当，以免损坏本机。

### 护理

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。

### 远离杂物

本机附近不要放置液体容器。如果液体进入本机，可能引起本机故障，起火或触电。请注意不要让金属物件进入本机。假如确实有东西进入本机，请快速从插座上拔下交流电源适配器，并联系最近的经销商或卖家进行处理。

### 废物处理

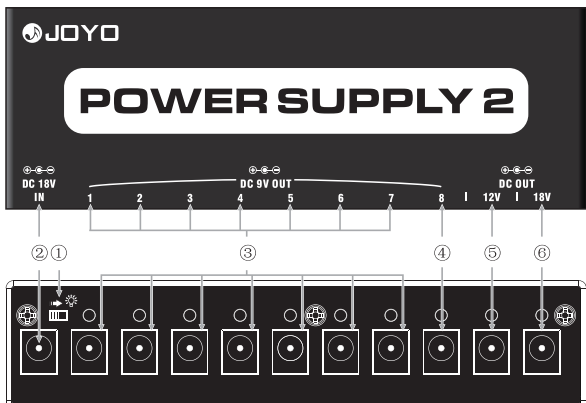
不要把本机和生活垃圾一同丢弃。正确的处理可以减少环境污染和健康危害。正确的处理方法各地不同，所以详情请联系当地官方机构。

### 重要通知

本产品根据严格的产品规格和电压条件生产，在特定的区域本产品可用。如果您是通过网络购买、邮件订单、或电话销售，请验证您所在的区域本产品能够使用。

**警告：**在任何未被验证的区域使用本产品都是危险的，并且不再享受厂家或经销商的保修权利。同时也请保留好发票作为购买证据，否则不享受厂家或经销商的保修权利。

## 二. 各部件名称及功能



- ① LED指示灯开关,将开关拨至小灯泡的方向,正常情况下接通电源后LED灯会亮起,如果使用时不想让所有LED灯亮起,请将开关往回拨。本机前面板配置了10颗高亮度的LED灯,在用作工作指示的同时具有Pedal Board照明功能。
- ② DC18V输入口,将电源适配器的输出插头接入此处,请勿使用其他途径获取的电源适配器,如使用未经我司测试认证的电源适配器并造成主机或者其他设备损坏的,用户需自行承担相应的责任。
- ③ 第1~7输出口,DC9V电源输出,每个端口最大的输出电流为100mA,适合普通的模拟单块效果器使用,正常情况下插座上方对应的LED灯应亮起,当某一路发生瞬时过流时,对应的LED灯会闪动并将此路输出的电流限制在100mA,所以当1~7路接入功耗较大的数字效果器时可能会无法正常工作,如果发生此类状况请这个效果器接入第8路输出口使用。



- ④ 第8输出口,DC9V电源输出,此端口最大的输出电流是500mA, 适合数字效果器以及使用DC9V电源的小功率数字吉他音箱使用,当此路输出发生瞬时过流时,对应的LED灯会闪动,并将此路输出的电流限制在500mA。
- ⑤ DC12V输出口, 此端口最大的输出电流是100mA, 当此路输出发生瞬时过流时,对应的LED灯会闪动,并将此路输出的电流限制在100mA。
- ⑥ DC18V输出口,此端口最大的输出电流是100mA, 当此路输出发生瞬时过流时,对应的LED灯会闪动,并将此路输出的电流限制在100mA。

### 三. 连接方法:

- 1.如果用电设备电源输入极性为  $\oplus \ominus$ , 您可以直接用DC电源连接线连接。如图所示:



- 2.如果用电设备电源输入极性为  $\ominus \oplus$ , 则需要用极性转换线连接DC电源连接线, 再接入设备。如图所示:



## 注意

错误的极性判断可能会造成设备的损坏，所以使用前必须要先确定极性的正确。

## 四. 短路保护功能介绍:

本机的10个输出口都带有独立的输出短路保护，因此当其中某一路输出发生短路时，其余的输出口完全不受影响，可以正常工作。如果此时LED灯的开关处在开启的状态，短路输出端对应的LED灯会熄灭，而其他正常工作的端口，其对应的LED灯仍正常亮起。因此在使用多个效果器发生短路时，可以快速查找出故障的位置。

## 五. 附件:

- 1.主机 x1
- 2.DC18V电源适配器x1
- 3.DC电源连接线x10. 极性转换线x2
- 4.说明书x1

# 深圳市卓乐科技有限公司

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卓乐科技始终致力于保证最高的质量标准。必要的改动无须先行通知。因此该器材的技术数据和外形可能和说明或图片有差异