

CHIC AND TRENDY DESIGN

*Guitto*

**Acoustic guitar vibration pickup** GGP-02

# Owner's Manual



**Exquisite structure, convenient to install.**

**With various effects.**

**Precise vibration, great dry-wet ratio.**

**Low power consumption design ensures a long battery life.**

**Sophisticated and low noise electronic circuit, beautifying acoustic guitar's tone.**

## **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. Product's characteristics:**

GGP-02 acoustic guitar vibration pickup is suitable for 36-42 inches classical guitar and acoustic guitar. It adopts identical frequency vibration design, which increases acoustic guitar's wet effect, ensuring great dry-wet ratio, beautifying acoustic guitar's tone. Besides, GGP-02 features REVERB, DELAY, CHORUS, TREBLE and BASS knobs, guitarists can easily adjust and get their favorite tones. GGP-02 features an inching switch, so you can set the optimum EQ curve based on different guitars, suitable for different acoustic guitars with various chambers and materials. GGP-02 also has a lithium battery, it can work for 16 hours continuously.

### **II. Safety instructions:**

1. Please take out the battery first, and then put the guitar in the packing box or dry vessel if not in use for a long time, so as to avoid damp.
2. Keep the battery in dry and cool places, don't store the battery with metals, otherwise electricity leakage, short circuit and battery leakage will occur.  
This product is precision electronic device, don't open its case for any reason
3. on your own, if the product malfunctions due to it, you will no longer enjoy the factory warranty.
4. This product has lithium battery and charger, for your safety, please don't replace the lithium battery and charger.

### **III. Package contents**

1. Main unit
2. Speaker
3. Piezoelectric pickup
4. Battery compartment
5. Battery compartment's connecting cable
6. Plastic bracket
7. M8 potentiometer nut×4
8. M7 potentiometer nut×1
9. Knobs×5
10. Wire clip×2
11. Owner's manual
12. 18650 lithium battery
13. 18650 battery charger×1
14. PVC sticker
15. M2×8 black screw×5
16. Paperboard

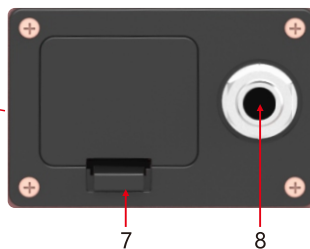
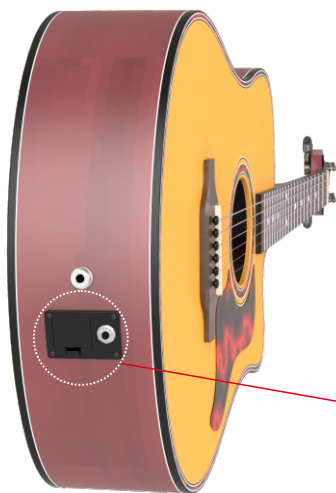
## IV. Acoustic guitar pickup's functions:

### Control panel



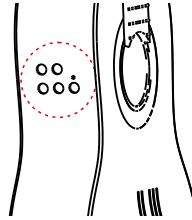
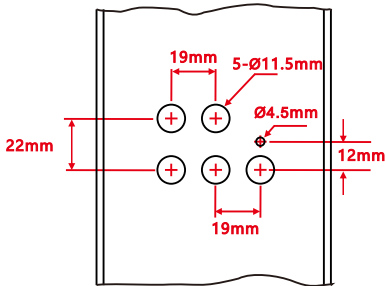
1. CHORUS & DELAY knob
2. REVERB knob
3. BASS knob
4. TREBLE knob
5. POWER/VOLUME control knob, press it for 1 second to turn it on or turn it off.
6. Power indicator(The power indicator flickers when it's low battery)
7. Battery compartment(One 18650 lithium battery)
8. 6.35mm signal output Jack

### Battery compartment

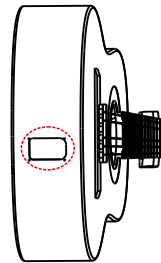
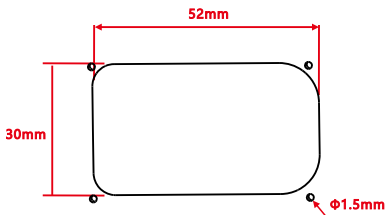


## V.How to assemble the pickup?

1.Drill holes on the side of the acoustic guitar as shown in the picture.



2.Open a guitar battery compartment hole at the bottom of the acoustic guitar as shown in the picture.

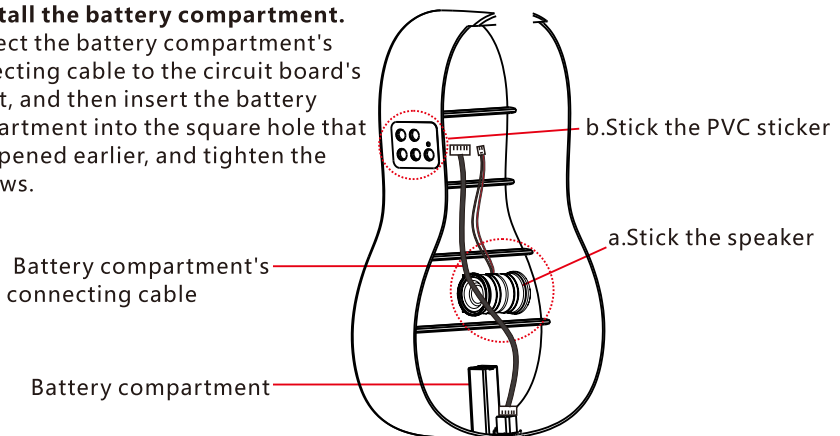


3. Stick the resonant speaker and PVC sticker as shown in the pictures.

- Tear off the plastic film from the sheet metal first before stick the speaker, and then drop all-purpose glue on the sheet metal, stick the speaker at the position as shown in the picture. Keep the guitar flat upon the ground, wait for a little while until the glue solidifies, and then proceed with the next procedure.
- Make sure to align the holes while sticking the PVC sticker.

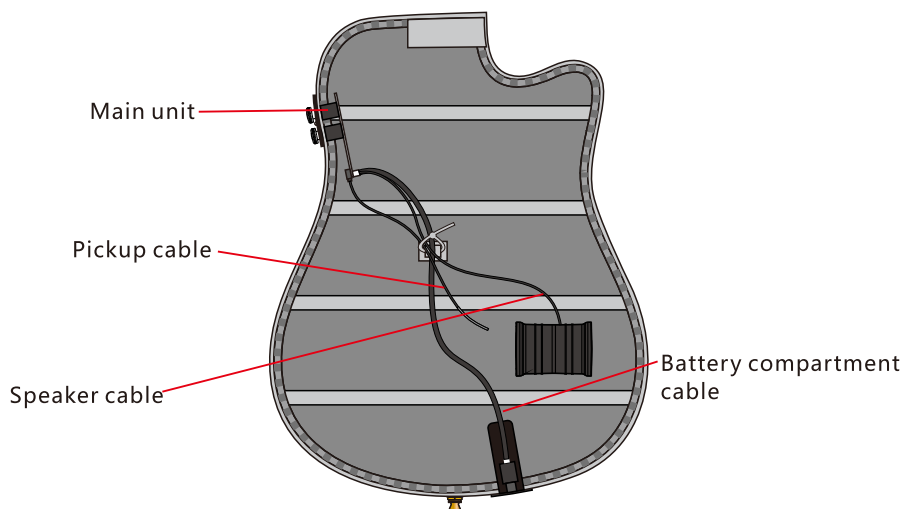
4. Install the battery compartment.

Connect the battery compartment's connecting cable to the circuit board's socket, and then insert the battery compartment into the square hole that was opened earlier, and tighten the 4 screws.

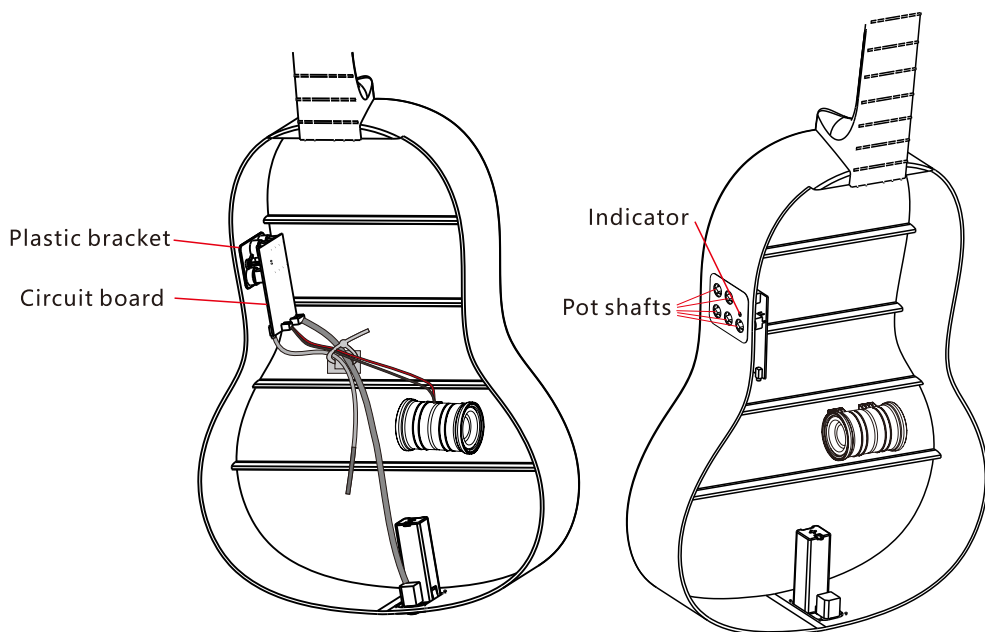


## 5. Install the circuit board

a. Connect the speaker cable, pickup cable and battery compartment cable to the related Jacks on the main unit as shown in the picture.

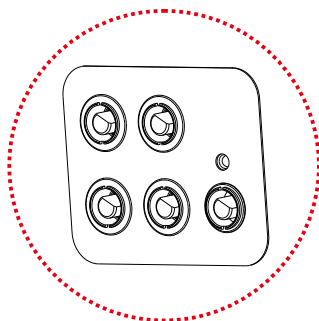
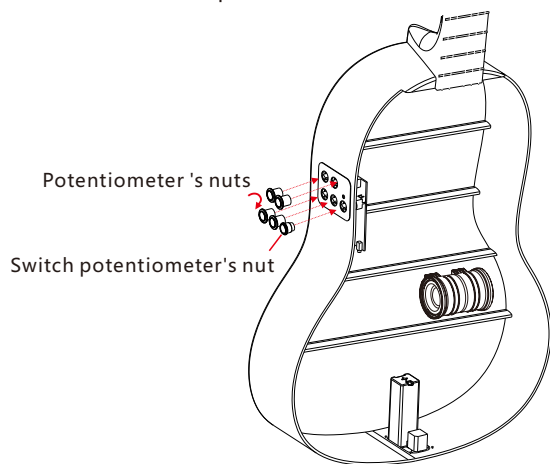


b. Place the plastic bracket on the circuit board's potentiometer and let pot shafts pass through guitar's round hole that was opened earlier, keep the plastic bracket clinging to guitar's chamber. Make sure the red LED indicator pops out of the PVC hole nicely.



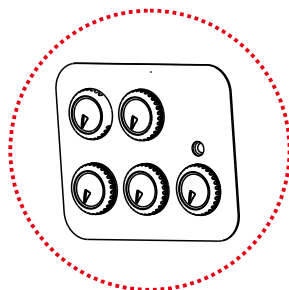
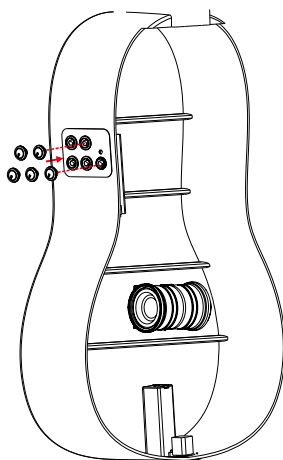
c. Tighten the 5 metal nuts on the potentiometer.

Note: The switch potentiometer's nut is different from the other 4 nuts.



The schematic diagram once the nuts are tightened.

d. Insert the 5 knobs into the pot shafts respectively.



The schematic diagram once the knobs are installed.

## 6. Install the 18650 lithium battery

After the installation and a careful check, if it's installed correctly, then you can install the 18650 lithium battery, please make sure the polarity is correct when you install it. (Inside the battery compartment, there are positive polarity and negative polarity marks.)



## VI. Instructions

Have an overall check of the unit first, if it's installed correctly, then you can use it.

### 1.Vibration mode

In vibration mode, don't connect the 6.35mm signal cable to external amps. Press the power switch for 1 second and the red indicator is on and enter vibration mode, the VOLUME knob fails temporarily, you can obtain guitarists' favorite sound effects by adjusting the CHORUS & DELAY, REVERB, BASS and TREBLE knobs. Press the power switch for 1 second, you can turn off the unit, the red indicator goes out and the unit turns off.

### 2.Pickup mode

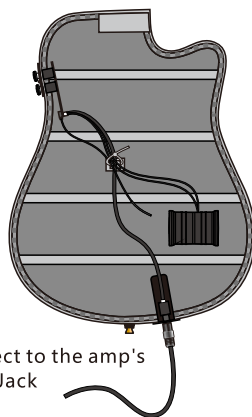
Connect the 6.35mm signal cable to vibration pickup output Jack and amp's Input Jack as shown in the picture.

Press the power switch for 1 second, the red indicator is on, indicating it's pickup mode, now the VOLUME knob can control the output volume, you can obtain guitarists' favorite sound effects by adjusting the CHORUS & DELAY, REVERB, BASS and TREBLE knobs. Press the power switch for 1 second, you can turn off the unit, the red indicator goes out and the unit turns off.

### 3.Turn off the unit automatically

The pickup turns off automatically if not in use for 20 minutes so as to save electricity.

**4.The red LED indicator flickers continuously when it's low battery, indicating that you need to take out the battery and charge it.**



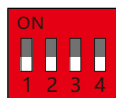
## VII. Inching function

GGP-02 vibration pickup features inching function, you can adjust it according to guitars' characteristics.

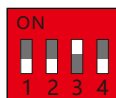
When 4-position Slide DIP switch's 4 positions are all switched downward as shown in the picture, indicating that the vibration pickup is in standard mode.

You can also switch the 4-position Slide DIP switch's 4 positions upward one by one until you find your favorite tone according to guitars' characteristics.

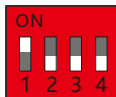
(Note: each time you can only switch upward one position).



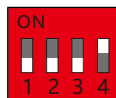
a) All the 4 positions of the 4 position Slide DIP switch are turned off:  
Standard mode



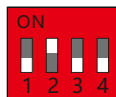
d) Position 3 is turned on:  
150Hz introduces an attenuation of 7dB  
3KHz introduces a boost of 4dB  
8.5KHz frequency band introduces a boost of 3dB



b) Position 1 is turned on:  
80 Hz introduces a boost of 1dB  
200Hz introduces an attenuation of 2 dB  
Above 3KHz frequency band introduces a boost of 5dB



e) Position 4 is turned on:  
Above 3KHz frequency band introduces a boost of 4dB



c) Position 2 is turned on:  
80 Hz introduces a boost of 5dB  
450Hz introduces an attenuation of 2dB  
Above 3KHz frequency band introduces a boost of 3dB

## **VIII. Troubleshooting**

### **1. The power indicator is off when the unit is turned on.**

- a. Please check whether the battery is enough or not.
- b. Please check whether the battery's polarity is correctly connected or not.
- c. Please check whether the battery compartment's connecting cable is loose or not.

### **2. There is something wrong with the TREBLE or BASS while playing the guitar.**

Please check whether the pickup's installation position is correct or not, if yes, please adjust the installation position.

### **3. There is strange sounds come out of the guitar's chamber.**

- a. Please check whether the vibration speaker has absorbed other stuff or not, if yes, dispose the stuff.
- b. Please check whether the connecting cable is loose or not, if yes, use the wire clip to bundle up the cable.

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精巧设计 匠心品质

# 巧乐匠

木吉他加振拾音器 GGP-02

## 使用说明书



结构精巧，安装方便

多重音效，精彩演绎

精准加振，干湿音比例协调

低功耗设计，超长时间续航工作

低噪声精密电子电路，很好地还原本吉他音色

精良用料，匠心制造，天籁之音，值得拥有

# 感谢购买我们的产品!

请仔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。

## 一、产品特点:

GGP-02木吉他加振拾音器适用于36-42寸古典和民谣吉他。本拾音器采用同频加振设计,增加了木吉他的湿音音效,让吉他的干湿音效果比例更加合理、声音更加完美。GGP-02加振拾音器还有混响,延时合唱,高低音调节的功能,吉他手很容易调节出自己喜爱的声音。针对不同特点的吉他,本加振拾音器在内部设计了微调开关,可以根据不同的吉他,设置最佳的EQ曲线,从而使GGP-02有极强的兼容性,能适合不同腔体和材质的木吉他。本拾音器配备大容量锂电池,可以连续16工作小时。

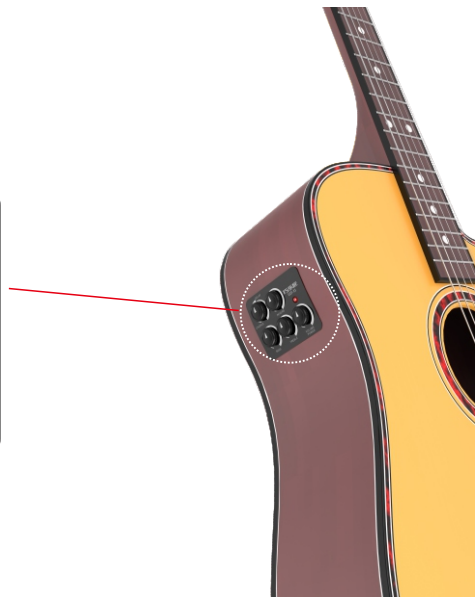
## 二、注意事项:

- 1.如果长时间不使用,请取出电池,将吉他放置在包装盒或者干燥容器中,以防止受潮。
- 2.电池保存在干燥阴凉的环境,不要将电池和金属物存放在一起,否则会造成电池漏电,短路甚至漏液。
- 3.本产品属于精密电子器件,请勿擅自打开更改,由此引起产品损坏,厂家不予以保修。
- 4.本产品配置有锂电池和充电器,为了您的安全请不要随便更换锂电池和充电器。

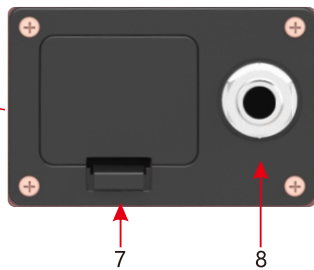
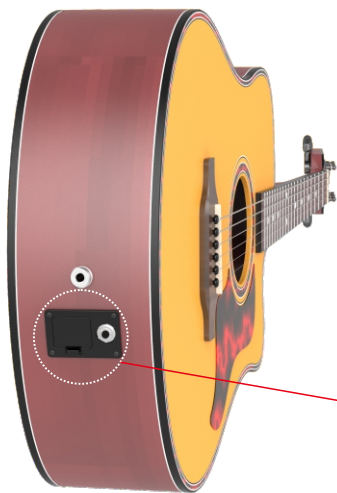
## 三、包装明细:

1. 主板
2. 加振音箱
3. 压电拾音条
4. 电池盒
5. 电池盒连接线
6. 塑料支架
7. M8电位器螺母4只
8. M7电位器螺母1只
9. 旋钮5只
10. 线扣2只
11. 说明书
12. 18650锂电池
13. 18650充电座1只
14. PVC贴纸
15. M2x8黑色螺丝5只
16. 定位卡纸

四、木吉他拾音器功能说明:  
控制面板



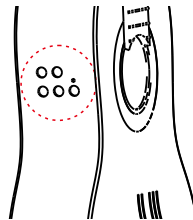
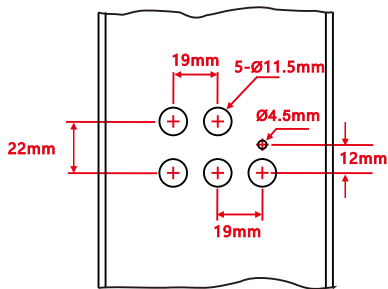
电池盒



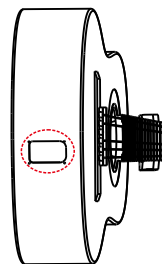
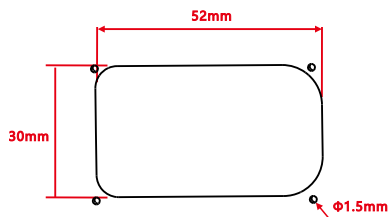
- 1. 合唱和延时旋钮
- 2. 混响旋钮
- 3. 低音调节旋钮
- 4. 高音调节旋钮
- 5. 电源开关/音量控制旋钮  
  长按1秒开机或者关机
- 6. 电源指示灯(当电池电量不足  
  时指示灯会闪烁)
- 7. 电池仓 (18650锂电池)
- 8. 6.35mm信号输出接口

## 五、拾音器装配:

### 1.按照图示,在木吉他的侧面钻孔



### 2.按照图示,在木吉他的底部开出电池盒孔

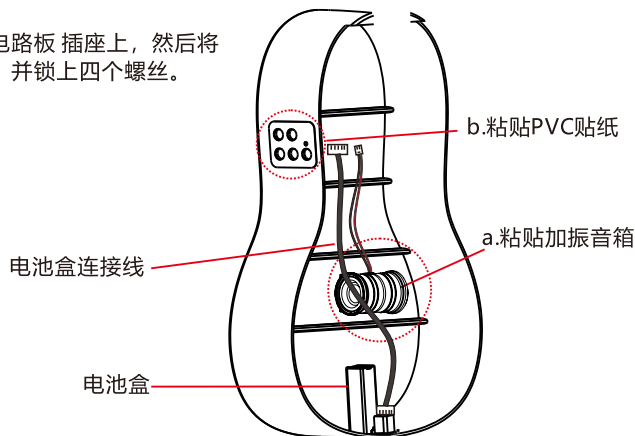


### 3.如图所示,粘贴好共振喇叭和PVC贴纸

- a.粘贴喇叭时先要把喇叭金属片上面的塑料膜撕掉，并在金属片上滴上万能胶,按照图示位置粘上喇叭,将吉他平放，待胶水凝固后再进行下一步操作。
- b.粘贴PVC贴纸时请注意对齐孔位。

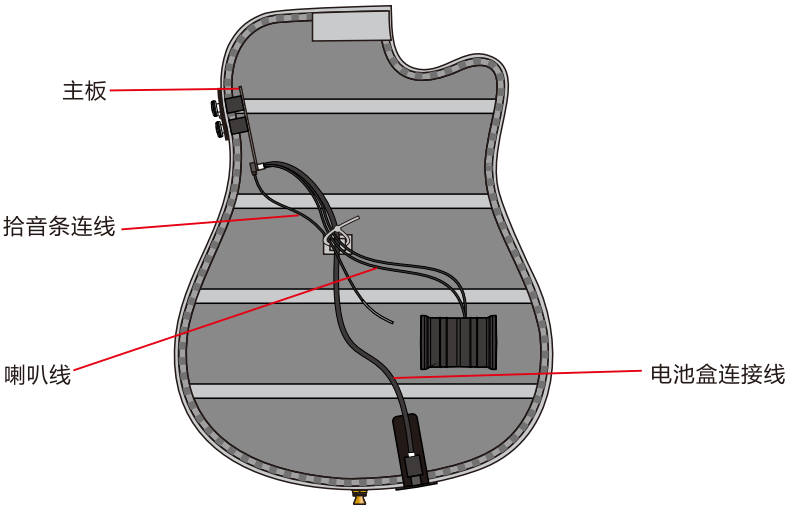
### 4.安装电池盒

将电池盒连接线插在电池盒电路板 插座上，然后将电池盒插入预先开好的方孔，并锁上四个螺丝。

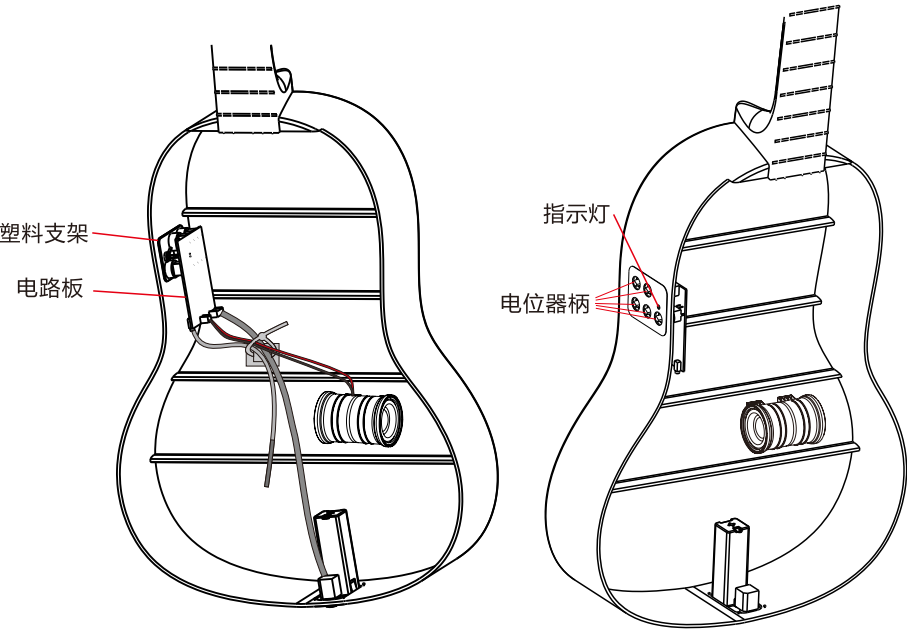


5.安装电路板

a.如图所示把喇叭连线，拾音条连线， 电池盒连线连接到主板对应的插孔。

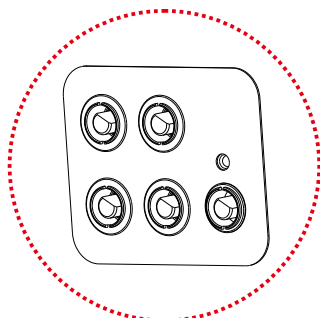
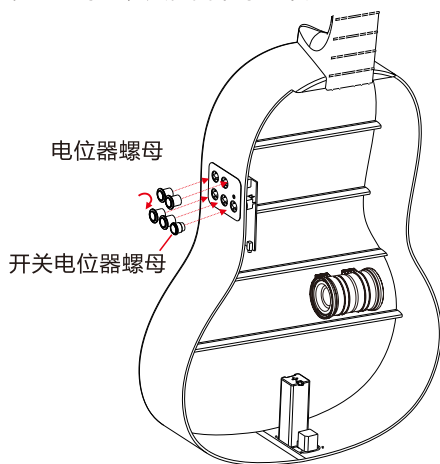


b.将塑料支架套在电路板的电位器上，并将电位器旋钮的柄穿过吉他的内壁上预先开好的圆孔，  
塑胶支架紧贴在吉他的内壁上。红色LED指示灯要刚好漏出PVC的小孔上。



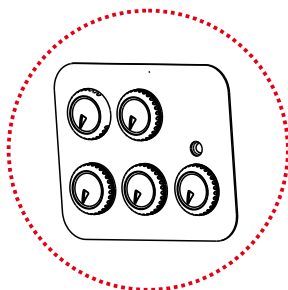
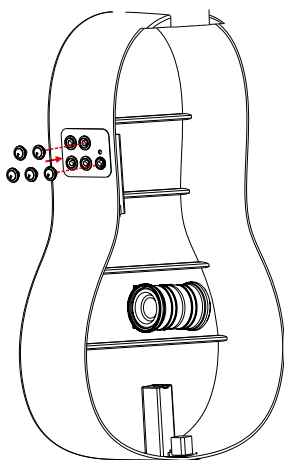
c.将5只金属螺母拧在电位器上

注意: 开关电位器的螺母和其他四个螺母不同。



拧上螺母后的示意图

d.将5个旋钮分别插入电位器的柄上



安装好旋钮示意图

## 6. 安装18650锂电池

安装结束检查无误以后,可以安装18650锂电池。安装电池时请注意电池的极性。(电池盒内部有正负极性标示)



六.操作说明

检查所有安装无误，方可以使用。

1.加振模式

在加振模式下，6.35mm信号线插头没有连接外部音箱。  
按住电源开关1秒钟红灯亮，进入加振工作模式，此时音量旋钮不起作用,调节音效旋钮和高低音旋钮即可达到吉他爱好者喜欢的音效。关机时按住电源开关1秒钟，红灯熄灭，整机关闭。

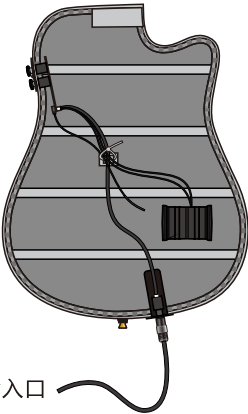
2.拾音器模式

如图，6.35mm信号线连接加振拾音器输出插孔和音箱输入插孔。  
按住电源开关1秒钟，红灯常亮，即进入拾音器模式,此时音量旋钮可以控制输出音量大小，调节音效旋钮和高低音旋钮即可达到吉他爱好者喜欢的音效。关机时按住电源开关1秒钟，红灯熄灭，整机关闭。

3.自动关机

为节省电池电力，拾音器20分钟内没有使用，将自动关机。

4.当电池电力不足时，红色指示灯频闪，提示电池欠电，需要取出电池充电。

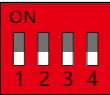


七. 微调功能

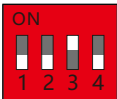
GGP-02加振拾音器设置了微调功能，可以根据吉他本身的特点进行调节。

如图，当红色拨码开关都打在下面时，加振拾音器设置为标准模式。

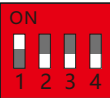
客户还可以根据自己的吉他特点设置不同的状态，只需把拨码开关逐个拨上去试听，直至找到自己喜欢的音色。(注意每次调节只能把一个拨码开关打上去)。



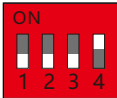
a) 拨码开关全部关闭：  
标准模式



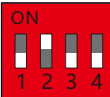
d) 拨码开关 3 接通：  
150Hz衰减7dB  
3KHz提升4dB  
8.5KHz频段提升3dB



b) 拨码开关 1 接通：  
80Hz提升1dB  
200Hz衰减2dB  
3KHz以上频段提升5dB



e) 拨码开关 4 接通：  
3KHz以上频段提升4dB



c) 拨码开关 2 接通：  
80Hz提升5dB  
450Hz衰减2dB  
3KHz以上频段提升3dB

八.常见故障排查和维护

1.开机灯不亮

- a.检查电池电量是否充足。
- b.电池的极性是否接反。
- c.检查电池盒连线是否连松动。

2.弹奏时高音或者低音异常

检查拾音条拾音部分的安装位置偏移，如果没有安装到位请调整拾音条的安装位置。

3.琴腔内有异响

- a.检查加振喇叭上是否吸附有异物。如果有异物，把异物清除干净。
- b.检查连接线是否松散，如果松散可以用线扣把线扎好。



官方微信



售后服务官

巧乐匠产品服务政策

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、巧乐匠服务信息  
消费者服务热线：0755-29765390  
售后服务邮箱：service@guittochina.com  
更多信息请访问：www.guittochina.com

巧乐匠产品保修卡

产品型号	SN号码	
	姓名	购机日期
用户信息	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: 巧乐匠                      名称: 拾音器  
执行标准: GB/T 30414-2013  
制造商: 深圳市卓乐科技有限公司  
地址: 广东省深圳市宝安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