

# NUXX

## PDI-1G GUITAR DIRECT BOX PHANTOM POWERED

### USER'S MANUAL

Thank you for choosing NUX PDI-1G Guitar Direct Box. It can transform the unbalanced signal of electric guitar into balanced signal. Therefore, the tone of guitar can be kept and the interference noise and signal loss can be avoided. Whether you record or play live gigs, the NUX PDI-1G can help a lot.

Please take your time to read the following user's manual carefully. We recommend that you keep the manual for future reference.

### FEATURES

- Full metal housing, substantial and compact design, very portable and easy to use
- Hi-Z Input for guitar and bass
- 48V phantom power and AC power
- Parallel output
- Ground Lift button
- Guitar amplifier simulator

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**Accuracy**  
Whilst every effort has been made to ensure the accuracy and content of this manual, Cherub Technology Co. makes no representations or warranties regarding the contents.

### WARNING!-IMPORTANT SAFETY INSTRUCTIONS BEFORE CONNECTING, READ INSTRUCTIONS

**WARNING:** To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

**CAUTION:** To reduce the risk of fire or electric shock, do not remove screws. No user-serviceable parts inside. Refer servicing to qualified service personnel.

**CAUTION:** This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

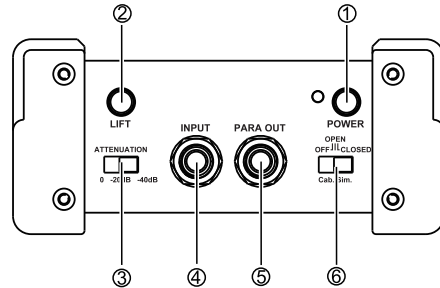
The lightning symbol within a triangle means "electrical caution!" It indicates the presence of information about operating voltage and potential risks of electrical shock.

The exclamation point within a triangle means "caution!" Please read the information next to all caution signs.

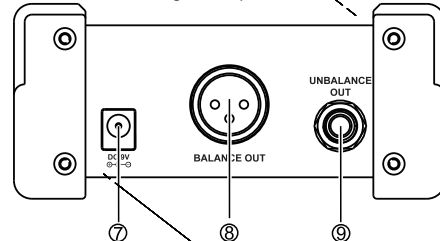
1. Use only the supplied power supply or power cord. If you are not sure of the type of power available, consult your dealer or local power company.
2. Do not place near heat sources, such as radiators, heat registers, or appliances which produce heat.
3. Guard against objects or liquids entering the enclosure.
4. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.
5. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.
6. The power supply cord should be unplugged when the unit is to be unused for long periods of time.
7. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and at the point where they exit from the apparatus.
8. Prolonged listening at high volume levels may cause irreparable hearing loss and/or damage. Always be sure to practice "safe listening".

Follow all instructions and heed all warnings  
**KEEP THESE INSTRUCTIONS!**

### PRODUCT INTERFACE



- 1. Power Switcher**  
Turn on/off the power.
- 2. Ground Lift Button**  
In normal circumstances, this button should be lifted up. If there are noises or hums caused by ground loop, you can press down this button to solve the problem.
- 3. Attenuation Switcher**  
Set the Attenuation Switch by the different signal types.  
0dB: Electric guitar, bass, keyboard, etc.  
- 20dB: Professional audio devices (the electric level of output signal is + 4dBm)  
- 40dB: Speaker output jack of guitar amplifier. Note: If you use speaker as the signal output, you must connect the speaker cabinet to PARA OUT jack.
- 4. Input Jack**  
Connect guitar, effect pedal or speaker to INPUT jack.
- 5. Para Output Jack**  
Output the signal of the input jack directly through PARA OUT jack.
- 6. CAB. SIM switcher**  
Guitar speaker cabinet simulator switcher  
OFF: Turn off the guitar speaker cabinet simulator.  
OPEN: Open-back guitar speaker cabinet.  
CLOSED: Close-back guitar speaker cabinet.

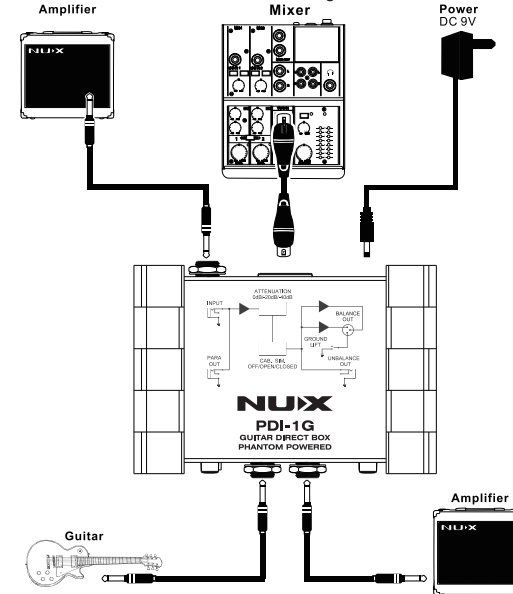


- 7. 9V DC Power Supply**  
Use 9V DC power supply.
- 8. Balance Out Jack**  
Use this connector for the device with balanced type connector.
- 9. Unbalance Out Jack**  
Use this connector for the device with Unbalanced type connector.

### QUICK GUIDE

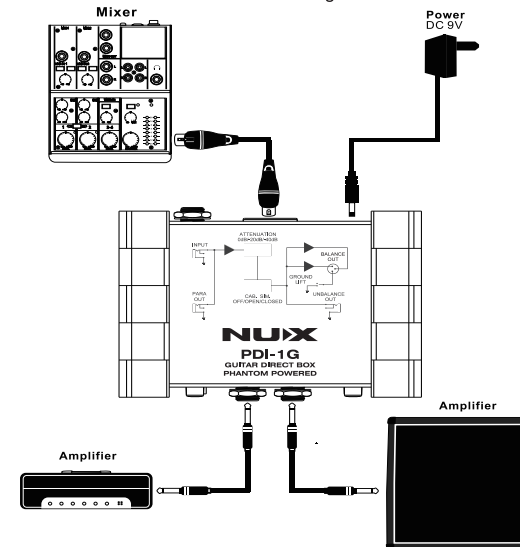
#### Example 1

1. Connect guitar to INPUT jack.
2. Connect PARA OUT or UMBALANCE OUT to guitar amplifier.
3. Connect BALANCE OUT to mixing console.



#### Example 2

1. Connect the speaker output of amplifier head to INPUT.
2. Connect the input of cabinet to PARA OUT.
3. Connect BALANCE OUT to mixing console.



### SPECIFICATIONS

- Power Supply: DC 9V or phantom power DC 48V
- Rated Input Level: -20dBu/0dBu/+20dBu
- Maximize Input Level: +48dBu
- Frequency Response: 10-40 KHz (-10dB)
- Dwell Noisy: -110dBu
- THD+N: 0.055% @ 100mVrms
- Electricity: 6.5mA
- Dimension: 121x84x55mm
- Weight: 350g

### PRECAUTIONS

- Environment:
  1. Do NOT use PDI-1G in high temperature, high humidity, or subzero environments.
  2. Do NOT use PDI-1G in the direct sunlight.
- Please do NOT disassemble PDI-1G by yourself.
- Please keep this manual for future reference.

### ACCESSORIES

- Owner's manual

### THE FCC REGULATION WARNING (for U.S.A.)

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, uses, and can radiate 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.

### CE mark for European Harmonized Standards

CE Mark which is attached to our company's products of Battery mains the product is in fully conformity with the harmonized standard(s) EN 61000-6-3:2007+A1:2011 & EN 61000-6-1:2007 Under the Council Directive 2004/108/EC on Electromagnetic Compatibility.

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www.nuxefx.com



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# NUXX

## PDI-1G

### 吉他信号转换器 使用说明书

感谢您选择NUXX PDI-1G吉他信号转换器。它可以将电吉他高阻抗的非平衡信号转换为低阻抗的平衡式信号，保持吉他音色并有效的避免干扰噪音及信号损失等问题，在录音和现场演出中均可广泛使用。请花时间仔细阅读这份说明书，并建议您保留它以备今后的需求。

#### 产品特点

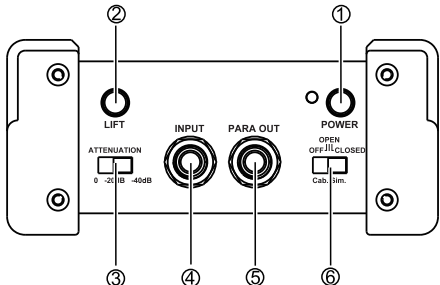
- 全金属外壳，外观小巧坚固，设计简洁，方便携带。
- 吉他和贝斯Hi-Z输入。
- 48V幻象电源和AC电源。
- PARA平行输出。
- Ground Lift开关消除地环式噪音。
- 吉他箱体模拟。

#### 警告!-重要安全说明

**警告:** 为了减少火灾或触电的危险，请勿将本设备淋雨或受潮。

**注意:** 为了减少火灾或触电的危险，请不要私自拆卸机器。用户不可自行维修部件，如需维修请联系合格的服务人员。

#### 产品界面



- 1. POWER开关**  
开启 / 关闭设备的电源。
- 2. GROUND LIFT按钮**  
正常情况下请将此按钮抬起。如果由于地环回路原因导致的噪声或交流声可通过按下此旋钮解决问题。
- 3. ATTENUATION 选择开关**  
根据接入设备的信号不同设定此选择开关的位置。  
0dB: 常规的电吉他，贝斯，键盘设备。  
-20dB: 专业音频设备（输出信号电平额定值在+4dBm）。  
-40dB: 吉他功率放大器的喇叭输出接口。  
**注意:** 如果使用喇叭作为信号输出，必须连接喇叭箱体到PARA OUT口。

#### 4. INPUT接口

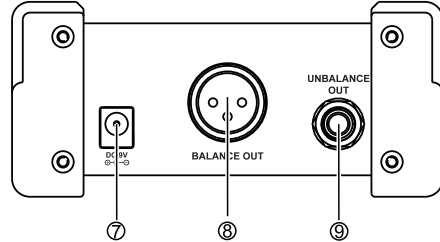
接入吉他，效果器，音箱，功放等各类信号源。

#### 5. PARA OUT接口

将INPUT接口输入的信号直接输出。

#### 6. CAB. SIM选择开关

吉他喇叭箱体模拟开关  
OFF: 关闭喇叭箱体模拟开关。  
OPEN: 背开式吉他喇叭箱体。  
CLOSED: 背闭式喇叭箱体。



#### 7. 9V DC电源插座

使用常规的9V直流电源提供电力。

#### 8. BALANCE OUT接口

平衡输出接口。

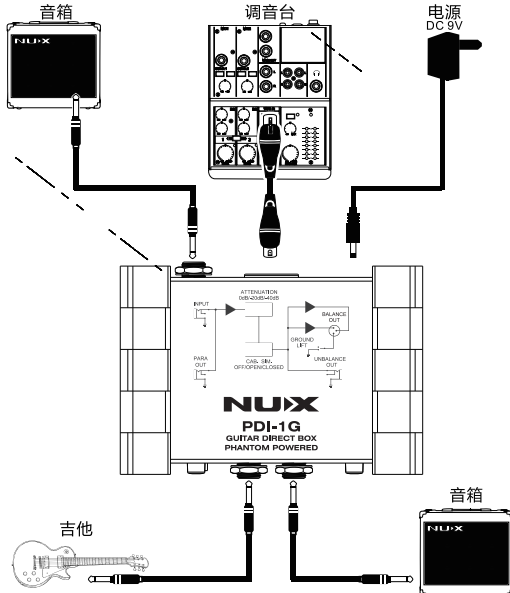
#### 9. UNBALANCE OUT接口

非平衡输出接口，信号经过缓冲器和衰减器输出到此接口。

#### 连接方式

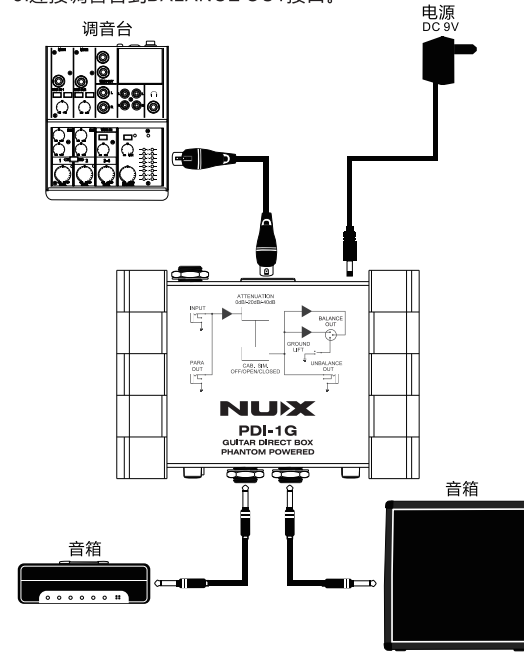
##### 场景1

1. 连接吉他到INPUT接口。
2. 连接吉他音箱到PARA OUT或UNBALANCE OUT接口。
3. 连接调音台到BALANCE OUT接口。



##### 场景2

1. 连接音箱头的喇叭输出到INPUT接口。
2. 连接喇叭箱体输入到PARA OUT接口。
3. 连接调音台到BALANCE OUT接口。



#### 技术规格

- 电源: DC 9V
- 额定输电平: -20dBu/0dBu/+20dBu
- 最大输入电平: +48dBu
- 频率响应: 10-40kHz(-1dBu)
- 留噪声: -110dBu
- THD+N: 0.055% @100
- 电流: 6.5mA
- 尺寸: 121x84x55 mm
- 重量: 350g

#### 使用环境

- 使用环境:
  1. 避免在高温、潮湿、零下等恶劣的环境中。
  2. 避免在强光下使用。
- 请勿自行拆卸本机。
- 请保存好本手册以便以后查阅。

#### 随机附件

- 使用说明书

#### 质量承诺

亲爱的 **NUXX** 用户：  
在您使用 **NUXX** 产品时，请仔细阅读产品说明书，当您有疑问和困难时，请拨打售后服务热线：

400-990-9866

- 一周内出现质量问题可退货退款
- 一月内出现质量问题可调换
- 一年内出现质量问题可免费维修
- 终身享有咨询和维修服务

【请向销售商索取有效购买凭证并予以保存】

#### 换修政策

##### 一、包换政策：

1. 消费者自购机之日起1个月之内，在正常使用情况下，出现非人为的产品性能故障，且产品外观及包装保持完好的可向所购机的经销商换机。
2. 消费者在换机时应出示由经销商开出的购机收据及保修卡，否则经销商可以不予更换。

##### 二、保修政策：

1. 产品在购买之日起1年内，可免费享有维修服务；对于超过1年的产品及人为或不可抗力因素造成损坏的产品，我司可提供有偿维修服务。

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