



# 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

### Copyright

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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.

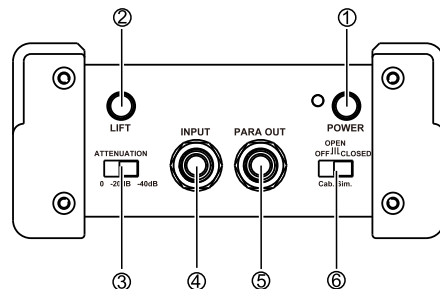


The exclamation point within a triangle means "caution!" Please read the information next to all caution signs.

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 Switch

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.

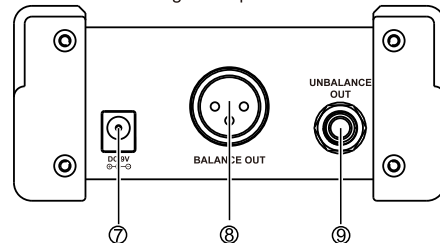
### 6. CAB. SIM switcher

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.

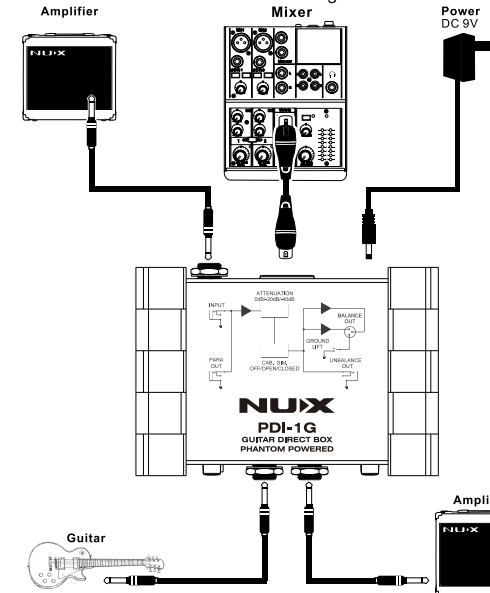
## QUICK GUIDE

### Example 1

1. Connect guitar to INPUT jack.

2. Connect PARA OUT or UNBALANCE OUT to guitar amplifier.

3. Connect BALANCE OUT to mixing console.

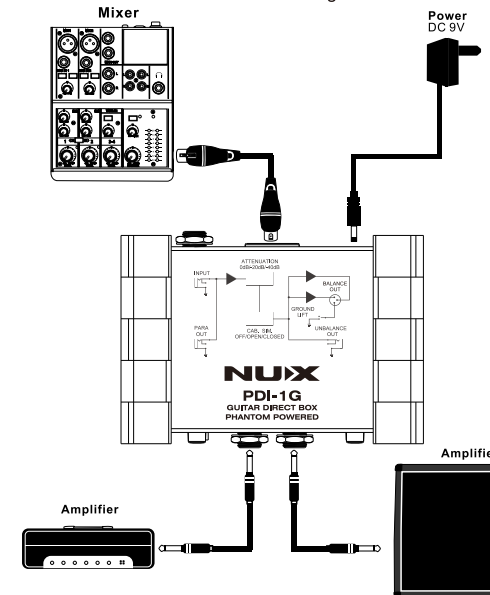


### Example 2

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 (-1dB)
- 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 means 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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