



NUX b2 plus 2.4Ghz Wireless System User Manual

[Home](#) » [NUX](#) » NUX b2 plus 2.4Ghz Wireless System User Manual 

NUX

B-2 PLUS

 2.4Ghz Wireless System



WARNING

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

CAUTION

This device complies with part 15 of the 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.



Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

To maintain compliance with FCC's RF exposure guidelines, This equipment should be installed and operated with a minimum distance of 20cm of the radiator of your body: Use only the supplied antenna.

	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.

Contents

- [1 System Overview](#)
- [2 2.4GHz Wireless](#)
- [3 Getting Started](#)
- [4 What's more](#)
- [5 Charging operation](#)
- [6 Specifications](#)
- [7 What's in the box](#)
- [8 Documents / Resources](#)
- [9 Related Posts](#)

System Overview

- 32bit/ 44.1 kHz Hi-Res sound quality
- Super Low Latency: < 5ms
- Range: 60 feet Line-of-site outdoors

- Operating Band: 2.4GHz ISM Worldwide
- Dynamic Range: 108 dB
- 4 Channels

NUX offers various of 2.4GHz wireless systems; you can use up to 6 systems simultaneously in one space. Please avoid using other wireless systems together with NUX ones, or there may be noise or interference issues.

2.4GHz Wireless

Since the B-2 PLUS is a 2.4GHz wireless system, please avoid placing the transmitter and receiver next to other RF transmitting equipment. We recommend that you install the B-2 PLUS Transmitter and Receiver at least 3 meters(10 ft) away from RF transmitters, i.e. Wi-Fi routers.

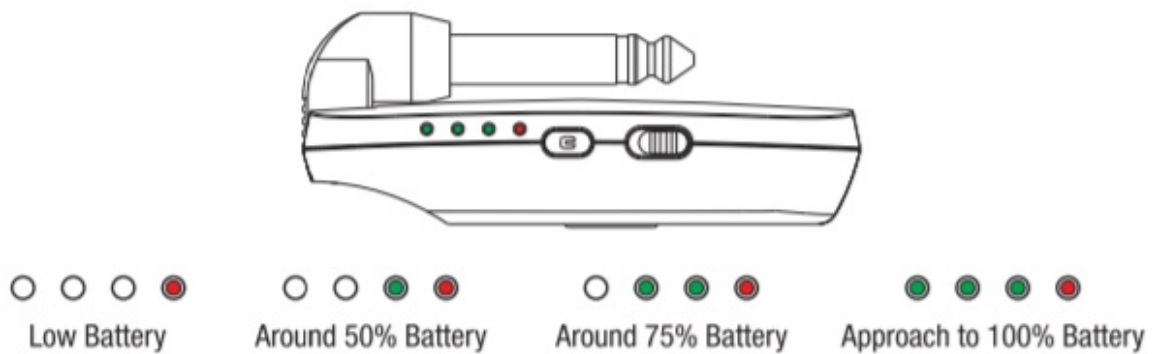
Notice: If the environment is full of RF transmitters, sometimes B-2 PLUS will meet interference. You could check the 2.4GHz environment on smartphones via these applications:



Getting Started

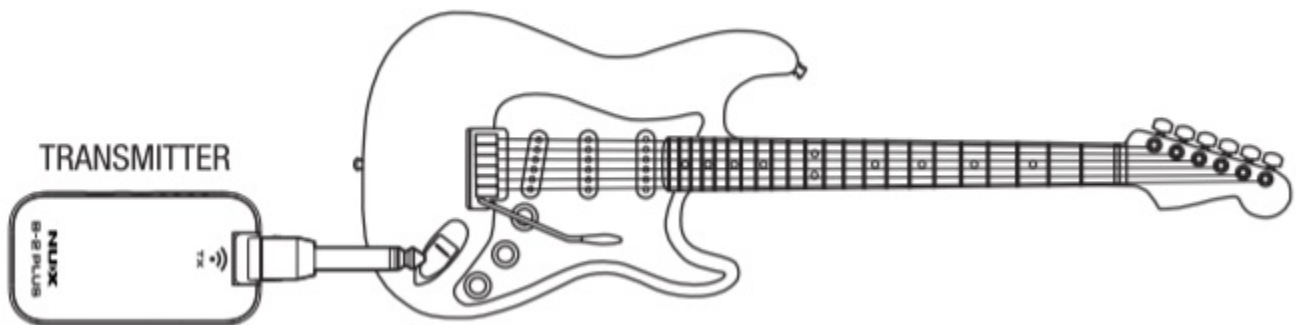
1. Charge the battery of the Transmitter and Receiver.

If the device is turned "OFF", while charging the device will show battery status while charging as below:



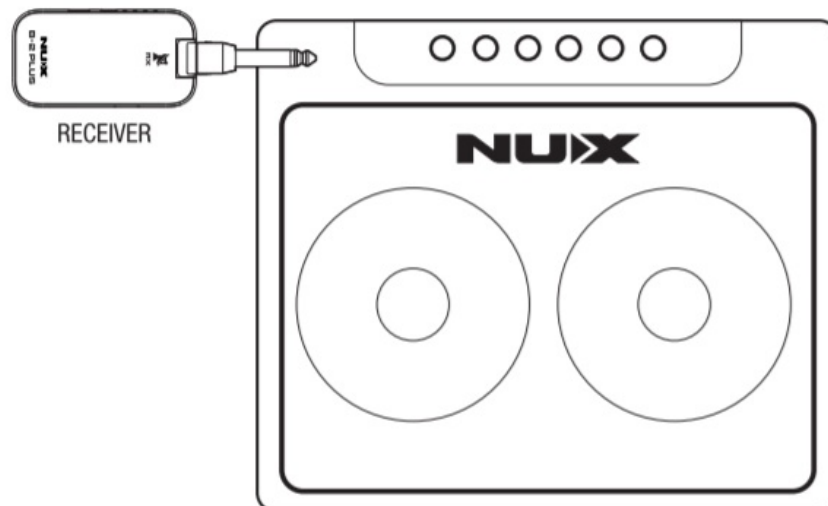
2. Plug the transmitter into a guitar.

The transmitter will remember the channel in the last time and enter transmitting status. The channel LED indicator is “ON” while transmitting.



3. Plug the receiver into an amplifier or EFX unit.

The receiver will remember the channel in the last time to enter receiving status. The channel LED indicator is “ON” while receiving stably, the LED indicator will flash if the signal is too weak.



4. Set up the transmitter and receiver are in the same channel.

Press the channel button could choose channel number. The LED indicator will show channel status, please make sure transmitter channel matches receiver channel.

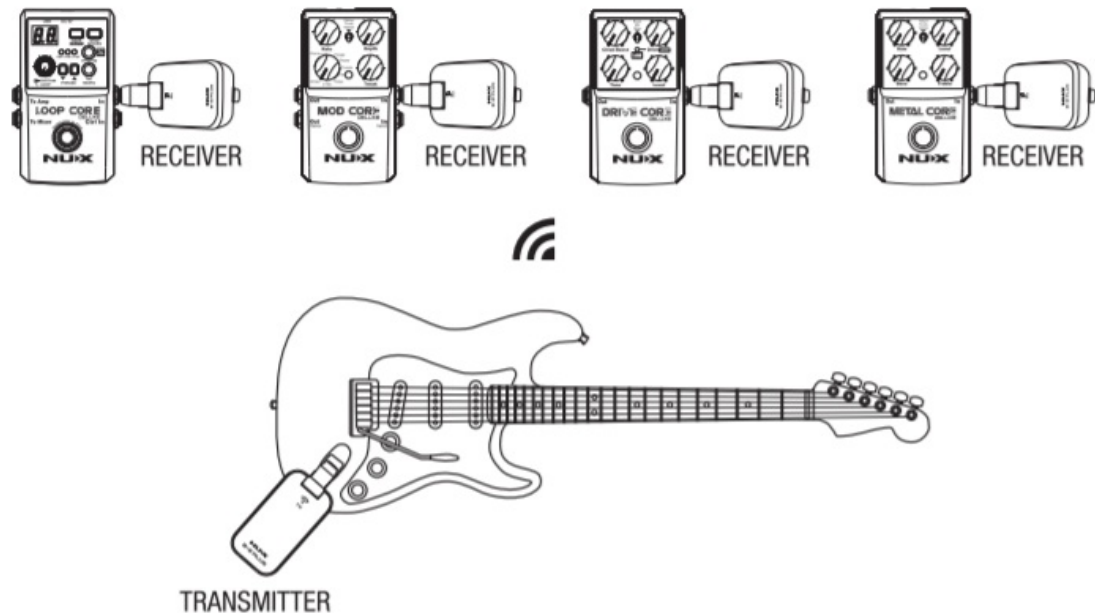
Note: The transmitter and receiver will remember the channel the last time.

Notice: While you tune on transmitter and receiver, the transmitter will show current battery status for 1.5 seconds, and the receiver will show current battery status for 1.5 seconds.

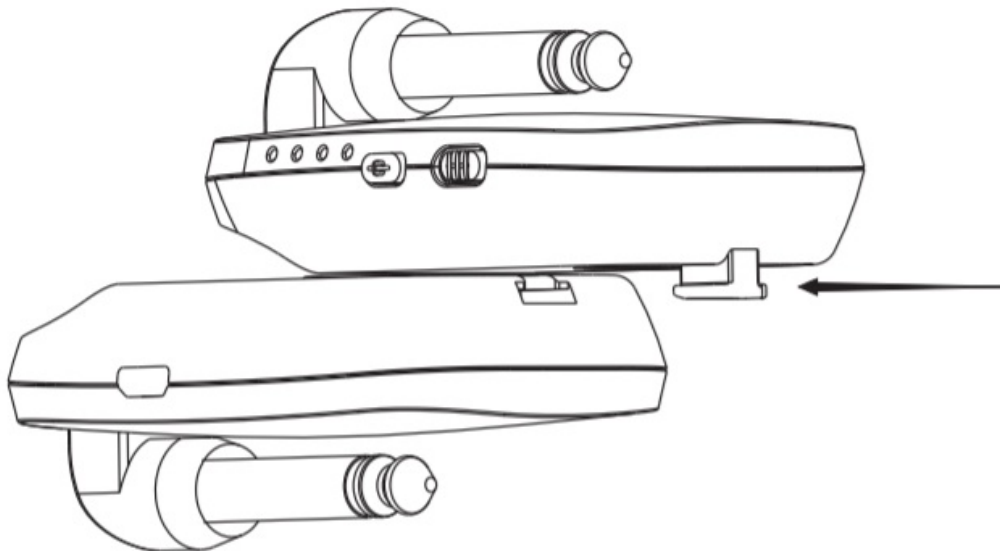
What's more

1. The B-2 PLUS transmitter could send the signal to several B-2 PLUS receivers, you could use that to connect

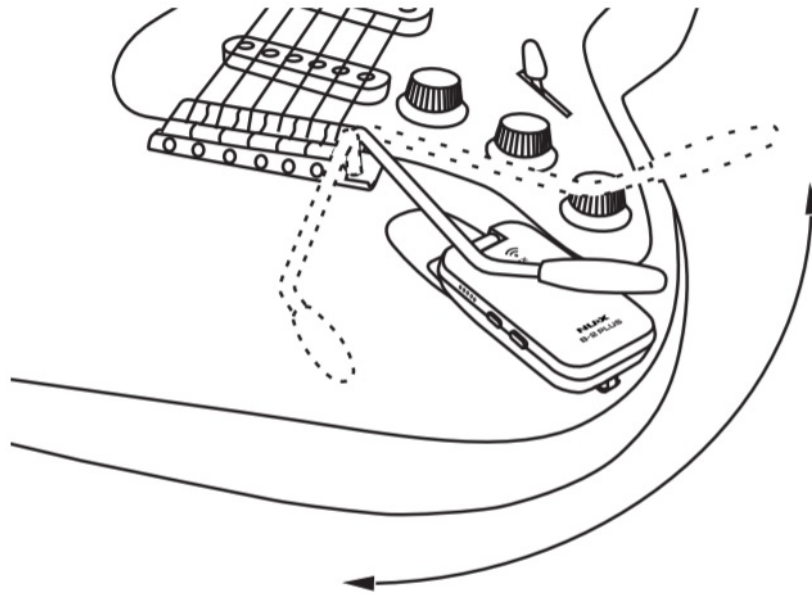
to 2 amplifiers as stereo while you play on stage.



2. The B-2 PLUS wireless system has a great incorporation design, it's compact and easy to put into your guitar bag or pedalboard.



3. The structure is perfect to put on Stratocaster even with a whammy bar. *Stratocaster is the trademark belonging to the Fender brand.



Charging operation

You can charge the wireless units directly by using the micro-B USB Y cable (included):\



NOTE:

Our product uses a Li-polymer battery, before using the product, please charge the battery first. When not used for a long period, charge or activate it in 3 months.

Specifications

- Input Impedance: 1M Ohms
- Built-in Li-ion battery: 750mAh/3.7V
- Frequency response: 20Hz-20kHz
- 4GHz ISM band
- Dimensions: 73(L)x40(W)x55(H)mm
- Weight: 57g

*Specifications and appearance subject to change without notice

What's in the box

- B-2 PLUS Transmitter.

- B-2 PLUS Receiver.
- USB-A to 2 Micro-USB cables.
- Quick Start Manual, Warranty, and End User License Agreement.

CE mark for European Harmonized Standards

CE Mark which is attached to our company's products of Battery mains the product is in full 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.

©2020 Cherub Technology-All rights reserved. No part of this publication may be reproduced in any form without prior written permission of Cherub

www.nuxefx.com

Made in China



Documents / Resources

	<p>NUX b2 plus 2.4Ghz Wireless System [pdf] User Manual b2 plus, 2.4Ghz Wireless System</p>
--	---

[Manuals+.](#)