

C-5RC 5.8GHz Wireless Guitar System



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NUX
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, The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction. 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.



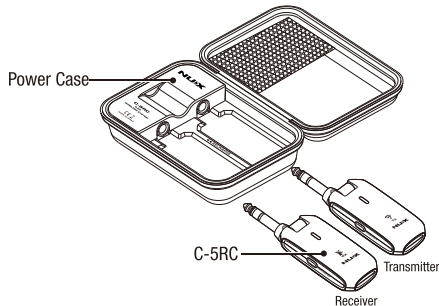
The exclamation point within a triangle means, "Caution!" Please read the information next to all caution signs.

System Overview

NUX C-5RC is a wireless guitar system utilizing 5.8GHz technology. It features automatic pairing and has 30 meters /100 feet operation range (environment-dependent). With its latest algorithm update, you can enjoy a more stable wireless connection while still getting low latency, flawless, high-quality audio experience.

NUX C-5RC is tiny and portable. It's compatible with all types of instruments with a 6.35mm (1/4 inch) audio output jack, including electric guitars, electric-acoustic guitars, bass guitars, and keyboards.

Like its sibling B-5RC, the NUX C-5RC also comes with a power case to keep both the receiver and transmitter organized and charged on-the-go.



NOTICE

2.4GHz and 5.8GHz wireless devices do not interfere with each other. However, if you're using a dual-band Wi-Fi router, please stay at least 2 meters (6 feet) away from it. To avoid dropping out, please also make sure that no walls or oversized objects block the transmitter and receiver.

How to Operate

Matching a set of C-5RC is very easy as it is pre-paired from the factory. Just turn on the transmitter and the receiver; they should detect each other rapidly and automatically choose the best channel to establish a stable connection.

-Push and hold the power button to turn on the transmitter and the receiver.

-Before the connection is established, the LED indicator indicates the battery level. Refer to the chart below for details.

- Green – 100% > Battery ≥ 75%
- Yellow – 75% > Battery ≥ 50%
- Red – 50% > Battery ≥ 25%
- Red blinking for 10 times – Battery < 25%, and the unit will turn off automatically to protect battery life.

LED  100% > Battery ≥ 75%

LED  75% > Battery ≥ 50%

LED  50% > Battery ≥ 25%

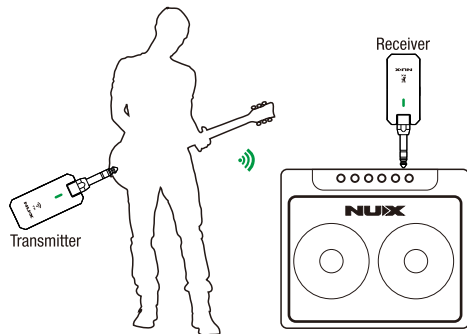
LED  Battery < 25%

A set of fully charged C-5RC can work for roughly 4 hours. It requires 2.5 hours to get the batteries fully charged. The LED indicator lights in red during charging and the LED Indicator turns off when fully charged.

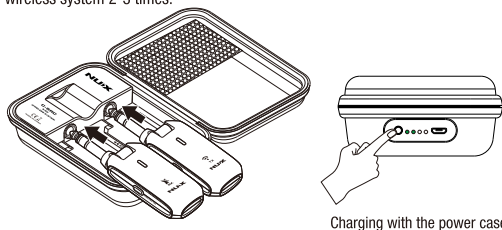
Once the connection is established, the LED indicator on both the transmitter and the receiver lights in green. In case of a failed connection, both LEDs flash in red, and you will need to establish the connection manually. (Ref to Re-match ID & Pairing Manually for details.)

How to Operate

Connect the transmitter to the output of your instrument, and connect the receiver to the input of the next device in your signal flow or an output device, i.e. amplifier, guitar pedal, or mixer.



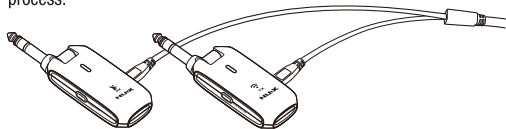
Plug the wireless system back into the power case for storage or recharge by the power case. Do remember to press the charging button on the power case to activate the charging function. The status LEDs on the power case indicates the battery level of the case. A fully charged power case can recharge the wireless system 2-3 times.



How to Operate

To recharge the power case, please make sure that your power adaptor has an output of 5V and 1A(or above)

You can also charge the wireless system using the included micro-b USB Y cable. Please note that C-5RC can not work during the charging process.



WARNING

The C-5RC power case can ONLY charge the NUX B-5RC and C-5RC. DO NOT plug in any other wireless systems to the power case.

Re-Match ID & Pairing Manually

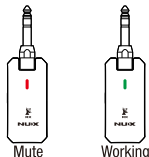
The IDs of the transmitter and the receiver of each C-5RC set have been matched in the factory. For any reason you want to re-match IDs or pair a receiver with a transmitter from different sets, follow these steps:

- Turn off the transmitter and the receiver
- Press and hold their power buttons simultaneously for 8 seconds to enter ID match status.
- If it succeeds, the LEDs on both sides turn Green.

The C-5RC set has 10 internal channels, and it will automatically detect the best channel each time it's power on. Up to 10 sets of C-5RC can be used simultaneously in ideal conditions.

Mute function

Under working status, press the power button of the transmitter to mute the sound, and the receiver LED will turn RED. Press again to have sound again.

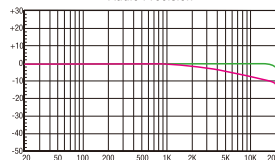


Function Introduction

Cabletone function

Under working status, press the power button of the receiver to activate the Cabletone function, and the LED of the receiver will turn Orange. The Cabletone function simulates the capacitor effect of a 6.4m (21 feet) cable.

Audio Precision



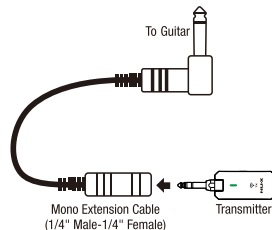
Sweep	Trace	Color	Line Style	Thick	Data	Axis	Comment
3	1	Green	Solid	3	Ampl. Ampl	Left	Regular
4	1	Magenta	Solid	3	Ampl. Ampl	Left	Cabletone

Auto Off function

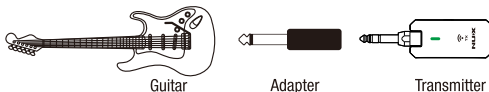
If there is no signal for 10 minutes, the transmitter will turn off automatically to save battery power. Since the transmitter turned off, the receiver will turn off after 10 more minutes.

Tips for Active Pickups

- If you are using active pickups, in order to reduce noise, it is suggested to keep more distance between the transmitter and the internal circuits of your guitar or bass.



- Active circuits generally use TRS output jacks, but different guitars can have different wirings to the ring and sleeve. Therefore, some guitars loaded with active pickups may not work with this type of transmitter. If this problem occurs, try to use a female to male adaptor to convert the stereo plug of the transmitter to a mono plug, and then plug into the guitar. See the picture below:



Specifications

- Operating Frequency Band: 5.8 GHz ISM
- Transmission Power: <25 mW EIRP
- 24bit 44.1kHz
- Latency: <5.5ms
- S/N: 110dB
- Frequency Response: 20Hz – 20kHz
- THD+ Noise < 0.2% @1kHz
- Signal Gain: 0dB
- TX/RX Battery Capacity: 500mAh / 3.7V
- TX/RX Battery run time: >4hrs
- Power Case Battery Capacity: 3000mAh / 3.7V
- Dimensions
 - Power Case: 132mm(L) x 93mm(W) x 50mm(H)
 - Transmitter/Receiver: 108mm(L) x 30mm(W) x 21mm(H)
- Weight
 - Power Case: 196g
 - Transmitter/Receiver: 34g each

Accessories

- Micro- b USB Y cable x 1
- Manual

*Specifications and appearance subject to change without notice.