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Made in China

NUX

5.8G



User Manual

C-58 Series

Wireless System for Guitar & Bass

WARNING

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

FCC Warning

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.

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.

TX FCC RF exposure statement:

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

RX FCC RF exposure statement:

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance between 20cm the radiator your body.

Overview

Thank you for choosing the NUX wireless system!

The C-58 Series 5.8 GHz guitar/bass wireless system operates in the global 5.8 GHz public frequency band, delivering stable transmission with strong interference resistance. It provides both automatic and manual pairing modes: Auto mode is plug-and-play, while Manual mode meets your needs for one-to-multiple connections or signal management. It features a high-definition OLED display for real-time monitoring of audio, battery level, and channel information. The device also includes a built-in high-sensitivity tuner and cable tone simulation, allowing you to enjoy wireless convenience while retaining the tonal character of traditional cables. A dedicated magnetic charging case is included to eliminate battery life concerns.

The all-new C-58 Series, with its stable low-latency wireless transmission and simple, user-friendly operation, is perfectly suited for various scenarios such as personal practice and stage performance, making it a professional wireless partner for guitarists and bassists.

Features

- 30m Distance
- Smart CH Detection
- Cable Tone
- Charging Box
- HD Screen
- Auto/Manual Pairing
- Tuner

Product Interface

Transmitter



① **6.35 mm TS plug**	Connects to the audio output of guitars, basses, and other instruments.
② **Indicator light**	Displays device status.
③ **Screen**	Displays operating information.
④ **Charging contacts**	Built-in magnets for positioning in the charging case.
⑤ **USB-C port**	For charging and firmware upgrades.
⑥ **POWER/TUNER/LOCK**	Hold for 2s to power on/off. Short press to enter TUNER mode and mute; press again to exit. Double-click to lock/unlock.
⑦ **A/M button**	Hold for AUTO/MANUAL; short press to switch channels in Manual mode.
⑧ **SCAN/ACT button**	Short press for quick channel switch; long press to toggle Active/Passive. Press A/M + SCAN/ACT for 1s to flip screen.

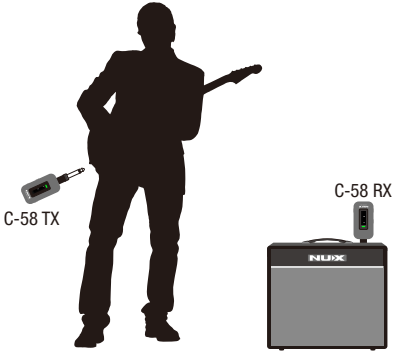
Receiver



① **6.35 mm TS plug**	Connects to effects pedals, volume pedals, amplifiers, mixers, or audio interfaces.
② **Indicator light**	Shows connection status (green = connected, red = not connected).
③ **Screen**	Displays operating information.
④ **Charging contacts**	Built-in magnets for positioning in the charging case.
⑤ **USB-C port**	For charging and firmware upgrades.
⑥ **POWER/LOCK button**	Hold for 2s to power on/off. Double-click to lock/unlock.
⑦ **A/M button**	Hold for AUTO/MANUAL; short press to switch channels in Manual mode.
⑧ **CABLE button**	Press and hold to toggle Cable Tone simulation. Press A/M + Cable buttons together for 1second to flip the screen.

How to Use

Connection



After pairing the transmitter and receiver, connect the transmitter to your instrument output and the receiver to your pedals or other input device.

Button Luck Function



You can lock the buttons by double-clicking the power button. This will help preventing accidental button press when you are performing on stage.
After buttons are locked, you can unlock by double-clicking the power button.

Auto Pairing Mode

Each C-58RC (C-58) set is pre-paired at the factory. Simply power on both units, and they will automatically connect within seconds on the best available channel.



The C-58RC (C-58) features a quick rescan function, if interference occurs, press the SCAN/ACT button on the transmitter to rescan for a cleaner channel.

To re-pair in AUTO mode:

1	Power on both units, ensure AUTO mode, then power off.
2	Press and hold the receiver power button for 8 seconds to enter pairing mode.
3	Press and hold the transmitter power button for 8 seconds to enter pairing mode.
4	They will pair quickly; flashing green indicates success.

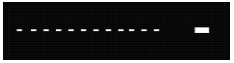
Manual Pairing Mode



1	Power on both units and switch to MANUAL mode.
2	Press the transmitter SCAN/ACT button to scan and select the best channel.
3	Set the receiver to the same channel.
4	You may also manually adjust channels on both units to match.

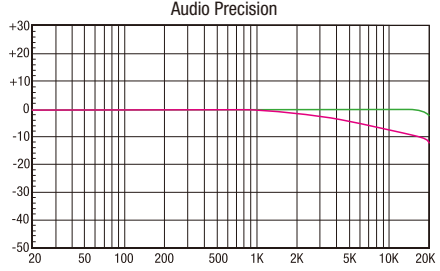
Tuner and Mute

Short press the transmitter power button to enter tuner mode and mute output. Press again to exit.



Cable Tone Function

The Cable Tone function simulates a 6.4m cable's capacitance effect. Press the receiver's CABLE button to activate; “CABLE” will appear on screen when Cable Tone funtion is enabled.



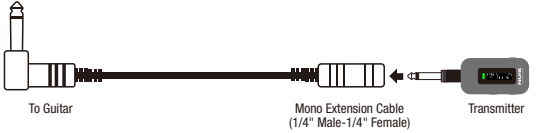
Sweep	Trace	Color	Line Style	Thick	Data	Axis	Comment
3	1	Green	Solid	3	Anlr.Ampl	Left	Regular
4	1	Magents	Solid	3	Anlr.Ampl	Left	Cabletone

Active/Passive Mode

The device is set to Passive mode in default. If distortion occurs with high-output pickups or active preamps, you can switch the device to Active mode by long-press the SCAN/ACT button on the transmitter.

Active mode will reduce the receiver's output by about 5dB, you may need to adjust your pedal or modeler's input gain accordingly.

Some active preamps can pick up the transmitter's RF signal, causing a noise issue. If noise occurs on your setup, please use an extension cable to move the transmitter away from the instrument's preamp.



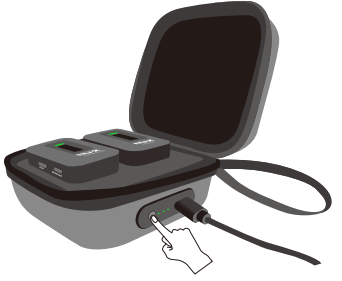
Storage and Charging

Power off both units and place them in the charging case. Press the case button to start charging.

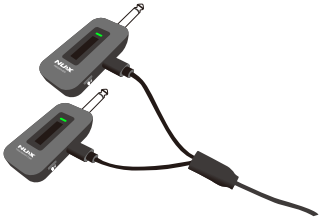
The LED indicators show battery level. Charge the case when only one LED remains.

Notes:

Only the C-58RC system includes a charging case. C-58 system comes with a hard storage case.



Use a 5 V / 2 A adapter to charge the case. You may also use the included dual cable to charge both units.



Specifications

Frequency	5.8 GHz ISM (5.725–5.85 GHz)
RF Power	<25 mW EIRP
Resolution/Sample Rate	24-bit / 44.1 kHz
Range	<30 m
Frequency Response	20 Hz–20 kHz
Latency	3.7 ms
THD+N	<0.4% @ 1 kHz
Battery (TX/RX)	650 mAh / 3.7 V
Battery Life	<4.5 hours
Charging Case Battery	3000 mAh / 3.7 V
Dimensions (TX/RX)	64 x 34.7 x 27.7 mm
Case Dimensions	96 x 87 x 26.5 mm
Weight	C-58RC： Case 205 g / TX 45 g / RX 40 g
	C-58： Case 100 g / TX 45 g / RX 40 g

Accessories

● Charging bag ● USB Y cable x 1 ● User Manual ● NUX logo sticker

*Specifications and appearance subject to change without notice.