

FCC Statement

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 assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment 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.

Please read the instructions carefully before using this product

Warning: In order to reduce the risk of fire or electric shock, please do not put the equipment in the rain or wet area.
Note: please do not disassemble the equipment without permission. There is no part that can be repaired by the user. Please hand it over to qualified maintenance personnel.

1. Please use the attached charging line for charging. If you are unsure of the type of power socket, please consult your dealer.
2. The device does not use Ni-Mn battery. Please do not put it into fire or near the heat source.
3. This equipment is not waterproof, do not put into water or other liquids.
4. Please do not attempt to repair the equipment. Please open the back cover only when you touch the charge point voltage or other risks.
5. If this equipment is the need for maintenance, please to qualified maintenance personnel for repair.
6. If you are not using this product for a long time, you should check the charging cable.
7. Avoid the power cord being tangled or the position of the socket and the connecting device being too tight at the plug.

COMPANY: SHIFF TECHNOLOGY CO., LTD. ADDRESS: Chuanhuo industrial park, 110 heating road, daling street, Jinghua new district, nua
 Address: nua city, guangdong province
 Tel: +86 755 3307 8271 Email: sales@shifftech.com
 CE, RoHS, FCC, MADE IN CHINA

2 Specification

Dynamic range	>=50dB	Battery	<=1 hrs
Distortion	<=0.5%	Transmission distance	10m
Transmitting power	5W class, 1W@3m AWG	Full working hours	5.5 hours
Reception sensitivity	<=-110dBm @20dBnormal	Charging time	3 hours (V1 adapter)
Signal-to-noise ratio	>=50dB		
System frequency response	30~15KHz		

2 UHF Wireless System

WS-50 uses digital UHF radio frequency wireless transmission technology, with strong anti-interference ability, through the obstacles of strong, stable transmission. Unlike the analog signal transmission, wireless system is only the direct line of sight as far as possible, and with a large metal, mesh, scaffolding and other objects at least keep a distance of 1.5 meters, and as far as possible to ensure that the between transmitter and receiver are empty signal direct way.

2 Getting Started

1. Charge the wireless system - the transmitter and receiver display when they are in normal use and when they are charged.
 *When the device is shut down or started up, double-click the front button, and the four green lights on the back side will display the current power information, which will be off after 3 seconds.

1. Power display when used normally

When the front light display of indicator that the power is 20%, at the point the transmitter/receiver needs to be charged

2. When charging, the electric quantity is displayed. When charging, the indicator light is as follows. When ending, the indicator light is off.

0-25% Battery	25-50% Battery	50-75% Battery	75-100% Battery	100% Battery
●●●●	●●●●	●●●●	●●●●	●●●●

front back

! Dual-ended USB cable that can charge both the receiver and transmitter. Our product uses polymer lithium battery, please charge the product before starting. It must used for a long time, charge the product once or more than three months.

2. Wireless system Turn on - the transmitter and receiver when using the status light display

transmitter: Press the back button to switch the power light to normal working state. Press the front button to turn on the receiver and receive charging the sound. Long press the button to turn off the power light.

receiver: Long press the button to turn on the power light. Press the front button to turn on the receiver and receive charging the sound. Long press the button to turn off the power light.

3. Connect the transmitter to the guitar and the receiver to the sound

*This product has been set by default before delivery and can be used directly after starting up. If the product can't be used directly, try to reset the code.

Transmitter and receiver should press the start button to change code, and the green light of the transmitter and receiver should be in the address.

*Note: when multiple sets of the product are used at the same time, it is possible to use the same frequency of the device will cause interference. There is interference, you can press the channel button to switch channel.

*Note: When a transmitter connected with multiple receiver to transmitter and receiver are not the original equipment, can be long press on the stop button to set key. When transmitting terminal malfunctioning and receiver, can power light, needs to press connect.

4. More on other features

*A UHF WS-50 emitter can be used with multiple UHF WS-50 receivers. For example, there are four effects on a stage, you can use one UHF WS-50 transmitter and four UHF WS-50 receivers Connect and performances at the same time!

*6.35mm plug can rotate 270°

*This product is suitable for all audio equipment with 6.35mm jack, including Stratocaster guitar with rocker.