Stable wireless communication with no dropouts (Auto Wireless Connection)

Simply connect the transmitter with the receiver; the receiver scans the local state of the wireless spectrum and automatically chooses the optimal channel.

Switches to standby mode when silence continues

When one hour passes without you playing your guitar, the transmitter enters standby mode.

Preparing the Receiver (WL-50)

Attaching the rubber feet

You can attach the rubber feet (included) if necessary. Attach them in the locations shown in the illustration.

Preparing the power supply

You can use either an AC adapter (PSA-5 series: sold separately) or alkaline batteries.

Connecting an AC adapter

Connect the AC adapter (PSA-5 series sold separately) to the IN jack.

We recommend that you keep batteries installed in the unit even though you're not using it with the AC adapter. That way, you'll be able to continue a performance even if the cord of the AC adapter gets accidentally disconnected from the unit.

If you use the AC-20A to supply power to devices that are compatible with PSA-5 adapters, make sure that the total current consumption of all devices (including the WL-50) does not exceed the maximum output current of the PSA-5 series unit you're using.

Installing alkaline batteries

Remove the battery cover located on the back of the receiver, and install the alkaline batteries in the correct polarity as indicated on the unit.

If you handle batteries improperly, you risk explosion and fluid leakage. Make sure that you carefully observe all of the items related to batteries that are listed in "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (leaflet "USING THE UNIT SAFELY").

Turning the power on

When you connect a cable to the OUTPUT jack, the receiver's power turns on.

To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.

Charging the Transmitter (WL-T)

Use either method to charge.

Charging from the receiver

Connect an AC adapter to the IN jack, and connect the cable to the OUTPUT jack. Then insert the transmitter into the TRANSMITTER jack.

Charging from a USB AC adapter

Connect a commercially available USB cable and USB AC adapter (5 V: 5 A or higher) to the DC IN 5 V port.

When charging from the DC IN 5 V port, the wireless connection does not operate.

DC IN 5 V port (USB Micro-B type)

For stable wireless communication

If audio dropouts occur, it might be that the local state of the wireless spectrum has changed. Execute the Auto Wireless Connection operation once again.

Using multiple wireless systems together

To prevent confusion between the wireless systems, perform the following:

1. Power-off the BOSS wireless systems.
2. Power-on any wireless systems not made by BOSS, and set them up so there are no problems with their sound.

Troubleshooting

If you encounter problems with your receiver, refer to the following:

No sound when you play the guitar in which the transmitter is inserted

Could a cable be connected to the INPUT jack? The transmitter connected to the INPUT jack takes priority.

Is the receiver too far away from the transmitter? Alternatively, are there obstructions between them? Decrease the distance between the receiver and the transmitter.

Could there be a recharging transmitter from the DC 5 V port? Disconnect the USB cable when you're charging.

Is the transmitter's BATTERY indicator lit? If it is lit, recharge the transmitter.

Is the transmitter's BATTERY indicator unlit? If it is unlit, execute the Auto Wireless Connection procedure once again.

If there does not solve the problem, it could be that the transmitter is running on batteries. Replace the batteries, and then execute the Auto Wireless Connection procedure once again.

When the receiver's power is on, this is lit.

When operating on batteries, this blinks when the batteries run low. Replace the battery.

This is lit during wireless communication.

This blinks orange while Auto Wireless Connection settings are being made. The procedure completes in approximately 10 seconds.

When the orange blinking stops, remove the transmitter.

This is lit during wireless communication.

When five hours have passed since charging began, this blinks orange in order to protect the rechargeable lithium-ion battery, even if charging was not completed.

1. Connect the cable to the OUTPUT jack and turn on the power.
2. Insert the transmitter into the TRANSMITTER jack.
3. Unplug the cable from the receiver's OUTPUT jack.

Turning the Power Off

1. Minimize the volume of your guitar and of output devices such as the amp, and then turn off the power.
2. Unplug the transmitter from the guitar.
3. Unplug the cable from the receiver's OUTPUT jack.

Main Specifications

BOSS wireless system: WL-50

Receiving frequency

2.4 GHz

Compatible Channels

14 (may vary due to local conditions)

Transmission Range

20 meters (65 feet) line-of-sight (may vary due to local conditions)

Effective battery life under continuous use

Approximately 10 hours

Dimensions

72 (W) x 121 (D) x 56 (H) mm
2.83 (W) x 4.76 (D) x 2.20 (H) inches

Weight (including body)

220 g ± 8 g

Owner's Manual

Leaflet USING THE UNIT SAFELY

Accessories

Rubber foot × 4
Alkaline battery (AA, LR6) × 2
An AC adapter (PSA-5 series) is required to charge the transmitter (WL-T).

Options

Parallel DC cord PCS-20A (DC Plug Only)

AC adapter (PSA-5 series)

Parallel DC cord PCS-20A (DC Plug Only)

Power Supply

Rechargeable lithium-ion battery

Supply voltage from the DC IN 5 V port

Current Draw

350 mA

Battery charging time

Approximately 3 hours

Expected battery life under continuous use

Approximately 12 hours

Dimensions

87 (W) x 22 (D) x 35 (H) mm
3.43 (W) x 0.87 (D) x 1.38 (H) inches

Weight

41 g ± 2 oz

* This document explains the specifications of the product at the time that the document was issued. For the latest information, refer to the Roland website.