

* Before using this unit, carefully read the leaflet "USING THE UNIT SAFELY" and "IMPORTANT NOTES." After reading, keep the document(s) where it will be available for immediate reference.

Quick Start

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

1. Preparing the receiver

1 Install battery

2 Connect to a mic jack of your mixer, amp, or effect unit

* Turn off the phantom power of the device to which you're connecting.

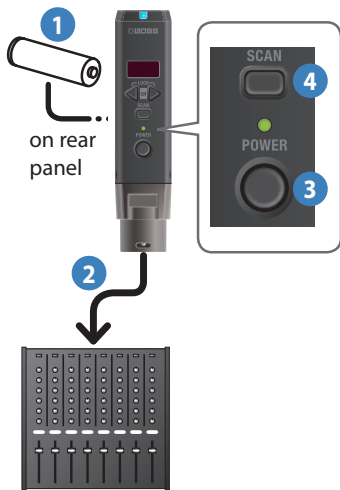
3 Long-press the [POWER] button of the receiver until the POWER indicator is lit

The power of the receiver turns on.

4 Press the [SCAN] button to enter scan mode

The channel with the least radio interference is found automatically.

When scan is complete, the channel indicator shows the channel that was found.



2. Preparing the transmitter

1 Install battery

2 Connect a dynamic mic

* Condenser mics cannot be used.

3 Long-press the [POWER] button of the transmitter until the POWER indicator is lit

The power of the transmitter turns on.

4 Use the [CH] (◀ ▶) buttons to select the same channel as the receiver

• When holding the mic, do not grasp the transmitter portion. Doing so might cause faulty operation or malfunction.



• If attaching to a mic stand, use a clip-type mic holder.



Installing a battery

* 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 the leaflet "USING THE UNIT SAFELY."

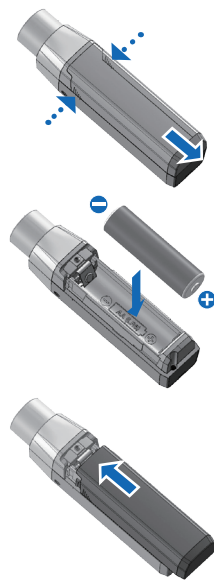
1. Detach the battery cover.

While pinching the slit area of the battery cover, slide it open.

2. Insert the battery, taking care to observe the correct polarity.

3. Attach the battery cover.

Align the battery cover as shown in the illustration, and slide it closed.



Panel Descriptions



Receiver (WL-30XLR)

Name	Explanation						
1 Receive indicator	Lit during wireless communication.						
2 Channel indicator	Indicates the channel. After operation, the indicator goes dark after a while.						
3 [CH] (◀ ▶) buttons	Manually select the channel of the receiver.						
4 [SCAN] button	Automatically selects the channel of the receiver.						
5 POWER indicator	Indicates the power supply status. <table><tr><td>Green</td><td>The batteries have sufficient remaining capacity.</td></tr><tr><td>Orange</td><td>The batteries will be exhausted in less than two hours.</td></tr><tr><td>Red</td><td>The batteries will be exhausted in less than 30 minutes. Replace the batteries.</td></tr></table>	Green	The batteries have sufficient remaining capacity.	Orange	The batteries will be exhausted in less than two hours.	Red	The batteries will be exhausted in less than 30 minutes. Replace the batteries.
Green	The batteries have sufficient remaining capacity.						
Orange	The batteries will be exhausted in less than two hours.						
Red	The batteries will be exhausted in less than 30 minutes. Replace the batteries.						
6 [POWER] button	Turns the power on/off. Turning the power on/off When powering up: Hold down the [POWER] button until the POWER indicator is lit. When powering down: Hold down the [POWER] button until the POWER indicator goes dark.						
7 OUTPUT connector	Connect to a mixer, amp, or effect unit.						

Transmitter (WL-30XLRT)

Name	Explanation
8 INPUT connector	Connect to a mic. * Condenser mics cannot be used.
9 POWER indicator	Indicates the state of the power supply. For details on the significance of the indicator, refer to the explanation for the receiver's POWER indicator.
10 [POWER] button	Turns the power on/off. For details on operation, refer to the explanation of the receiver's [POWER] button.
11 Channel indicator	Indicates the channel. After operation, the indicator goes dark after a while.
12 [CH] (◀ ▶) buttons	Manually select the channel of the transmitter.

Selecting the Receiver's Channel

Selecting the Channel Automatically (Scan Mode)

Scan mode automatically selects the channel that has the least radio-frequency interference.

- * Use scan mode to re-select the channel before your actual live performance, or when you are in a new location.
- * If other wireless systems will be in use nearby, put them in operating condition.

1. Power-off the transmitter.

2. Press the [SCAN] button to enter scan mode.

The channel with the least radio interference is automatically selected.

When scan is complete, the channel indicator shows the channel that was found.



* If numerous wireless systems or radio devices (such as Wi-Fi routers or Bluetooth devices) are operating nearby, there might be radio interference on all channels. Power-off unused radio devices, and then use scan mode once again to select a channel.

MEMO

You can also use the [CH] (◀ ▶) buttons to change to another channel.

3. Power-on the transmitter.

Selecting the Channel Manually

If you already know the channel that can be used, you can select the channel manually.

1. Use the [CH] (◀ ▶) buttons to select a channel.

Selecting the Transmitter's Channel

1. Use the [CH] (◀ ▶) buttons to select the same channel as the receiver.

Preventing Unintentional Operation (Lock)

To prevent unintentional operation, you can lock all button operations of the receiver and transmitter respectively.

1. Simultaneously hold down the [CH] (◀) button and [CH] (▶) button of the receiver/transmitter until the channel indicator blinks "L."

All button operations are disabled.

If you press a button while the unit is locked, the channel indicator blinks "L."

To unlock, simultaneously hold down the [CH] (◀) button and [CH] (▶) button of the receiver/transmitter until the channel indicator blinks "L"

For Stable Wireless Communication

- Do not place obstructions between the receiver and the transmitter. Do not allow too much distance between the receiver and transmitter.
- Keep the receiver at least three meters (9.8 feet) away from any radio device (*1) or microwave oven.
- Dropouts might occur in the audio if the radio conditions in the area change. Use scan mode once again to select the channel. If this does not solve the problem, power-off any unused radio device (*1) or microwave oven, and use scan mode once again to select the channel.
- If you hear the sound of a different mic, use scan mode once again to select a different channel. If you are using multiple WL-30XLRT units simultaneously, manually select channels that do not conflict.

*1: Such as a Wi-Fi router or Bluetooth device

Using multiple WL-30XLR units simultaneously

To prevent interference in the wireless communication, perform the following operations.

1. Power-off all receivers and transmitters.

2. If you are using other wireless equipment, make it ready for communication in advance.

[First unit]

3. Power-on the receiver, and use scan mode to select a channel.

4. Power-on the transmitter, and select the same channel as the receiver.

[Second and subsequent units]

5. Repeat steps 3 and 4.

Main Specifications

Receiver	
Wireless Format	BOSS proprietary digital audio format
Wireless Carrier Frequency	2.4 GHz
Compatible Channels	14 (May vary due to local conditions)
Transmission Range	230 feet line-of-sight (May vary due to local conditions)
Latency	2.3 ms
Dynamic Range	110 dB or greater
Frequency Response	20 Hz–20 kHz
Nominal Output Level	-40 dBu 0 dBu = 0.775 Vrms
Power Supply	Alkaline battery (AA, LR6) x 1
Dimensions	23 (W) x 27 (D) x 99 (H) mm/ 15/16 (W) x 1-1/16 (D) x 3-15/16 (H) inches
Weight (including battery)	90 g / 3 oz
Accessories	Owner's Manual, Leaflet "USING THE UNIT SAFELY," Transmitter (WL-30XLRT), Alkaline battery (AA, LR6) x 1

Transmitter (WL-30XLRT)	
Nominal Input Level	-40 dBu (4 kΩ) 0 dBu = 0.775 Vrms
Power Supply	Alkaline battery (AA, LR6) x 1
Dimensions	23 (W) x 27 (D) x 99 (H) mm/ 15/16 (W) x 1-1/16 (D) x 3-15/16 (H) inches
Weight (including battery)	90 g / 3 oz
Accessory	Alkaline battery (AA, LR6) x 1

* 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.

https://roland.cm/wl-30xlr_spec

