After reading, keep the document(s) where it will be available for immediate reference.

Before using this unit, carefully read the sections entitled: "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (supplied on a separate sheet).





**Main Features** 

The LS-2 provides two separate line-loop outputs.

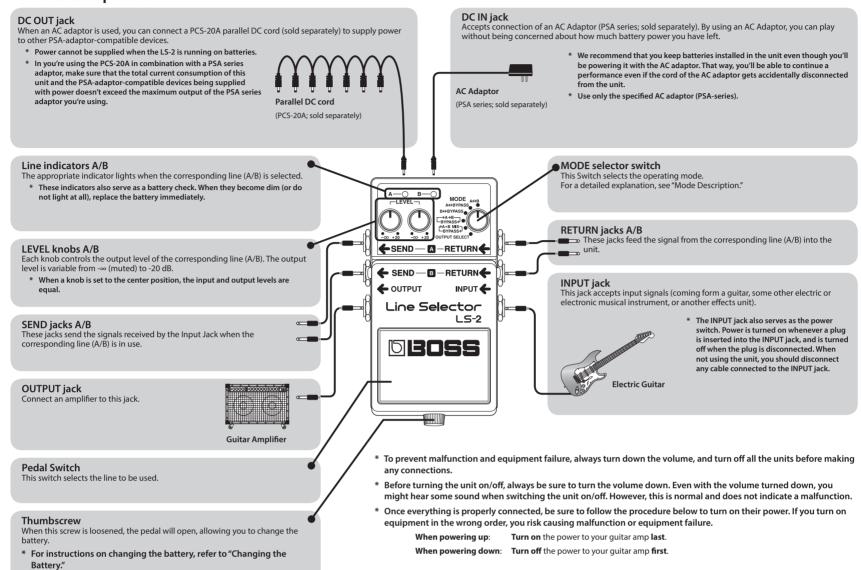
The LS-2 provides individual control over the output level of each line.

Each line has an indicator, allowing you to easily determine the current state of the unit.

A DC OUT Jack is provided to supply power to an external effect unit when an AC adaptor is being used to supply power to the LS-2.



### **Panel Descriptions**



# Operating the Unit

- 1. Select the desired mode.
  - Be sure to select an appropriate mode referring to "Mode Description" and "LS-2 Sample Settings
- http://www.boss.info/manuals/
- 2. Connect the relevant units depending on the mode you have selected.
- Before connecting or disconnecting cords, be sure to turn down the volume on the amplifier.
- 3. Select the desired line by pressing the pedal. Then adjust the output level of each line with the LEVEL knobs.



The LEVEL knobs may not work depending on

A-O B-O

# **Mode Description**

The following describes the LS-2's six operation modes

\* When you change modes, be sure to determine the currently

selected line using the Line indicators.		
MODE	Explanation	
A↔B	Pressing the pedal alternately selects Line A or Line B.	
	This is an ideal setting for using only the line loop function (when bypass output is not required).	
	LINE A INPUT → SEND A → RETURN A → OUTPUT	
	<b>LINE B</b> INPUT $\rightarrow$ SEND B $\rightarrow$ RETURN B $\rightarrow$ OUTPUT	
A⇔BYPASS	Pressing the pedal alternately selects Line A or Bypass.	
	LINE A INPUT → SEND A → RETURN A → OUTPUT	
	BYPASS INPUT → OUTPUT	
B⇔BYPASS	Pressing the pedal alternately selects Line B or Bypass.	
	<b>LINE B</b> INPUT $\rightarrow$ SEND B $\rightarrow$ RETURN B $\rightarrow$ OUTPUT	
	BYPASS INPUT → OUTPUT	
→A→B— BYPASS∢	Pressing the pedal repeatedly selects (in sequence) Line A, Line B or Bypass.	
	LINE A INPUT → SEND A → RETURN A → OUTPUT	
	LINE B INPUT → SEND B → RETURN B → OUTPUT	
	BYPASS INPUT → OUTPUT	
PA+B MIX PA+B MIX	Pressing the pedal alternately selects Line A + Line B	
	(mixed) or Bypass.	
	A+B MIX INPUT → SEND A → RETURN A → OUTPUT → SEND B → RETURN B → OUTPUT	
	BYPASS INPUT → OUTPUT	
	Pressing the pedal repeatedly selects (in sequence)	
	Send A, Send B or Output.	
OUTPUT SELECT	LINE A INPUT → SEND A	
	LINE B INPUT → SEND B	
	BYPASS INPUT → OUTPUT	

# Use of Battery

- \* A battery is supplied with the unit. The life of this battery may be limited, however, since its primary purpose was to enable testing.
- \* 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" (supplied on a separate sheet).
- \* When operating on battery power only, the unit's indicator will become dim when battery power gets too low. Replace the battery as soon as possible.
- \* Batteries should always be installed or replaced before connecting any other devices. This way, you can prevent malfunction and damage.

Battery Snap

+60

## Changing the Battery

- Hold down the pedal and loosen the thumbscrew, then open the pedal upward.
- The pedal can be opened without detaching the thumbscrew
- 2. Remove the old battery from the
- battery housing, and remove the snap cord connected to it.
- 3. Connect the snap cord to the new battery, and place
- the battery inside the battery housing.
- \* Be sure to carefully observe the battery's polarity (+ versus -).
- 4. Slip the coil spring onto the spring base on the back of the pedal, and then close the pedal.
- Carefully avoid getting the snap cord caught in the pedal, coil spring, and battery housing
- 5. Finally, insert the thumbscrew into the guide bush hole and fasten it securely.

# **Main Specifications**

ROSS I S-2: Line Selector

Nominal Input Level	-20 dBu
Input Impedance	1 ΜΩ
Nominal Output Level	-20 dBu
Output Impedance	1 kΩ
Recommended Load Impedance	10 kΩ or greater
Power Supply	DC 9 V; Dry battery 6F22 (9 V) type (carbon)/ Dry battery 6LR61 (9 V) type (alkaline) AC Adaptor (PSA-series: optional)
Current Draw	25 mA (DC 9 V)
	Expected battery life under continuous use:     Carbon: 14 hours, Alkaline: 30.5 hours     These figures will vary depending on the actual conditions of use.
Dimensions	73 (W) x 129 (D) x 59 (H) mm
	2-7/8 (W) x 5-1/8 (D) x 2-3/8 (H) inches
Weight	410 g /15 oz (including battery)
Accessories	Owner's Manual, Leaflet ("USING THE UNIT SAFELY," "IMPORTANT NOTES," and "Informa- tion"), Dry battery/9 V type (6F22)
Options	AC adaptor (PSA-series)

\* 0dBu = 0.775Vrms

\_ Pedal

Coil Spring

Guide Bush

**Battery Housing** 

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\* 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.