

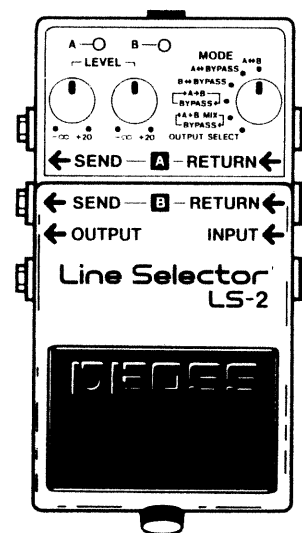
BOSS LS-2

Line Selector

Instructions

Thank you for purchasing the BOSS LS-2 Line Selector. To make the best use of the unit, please read the instructions carefully.

- The LS-2 provides two separate line-loop outputs.
- The LS-2 features 6 different modes (including effect loop selector and line selector) that enhance its versatility.
- 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.
- An AC Adaptor Output 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.



SPECIFICATIONS

Controls	Pedal Switch, Mode Selector Switch, Level Control Knobs A/B
Indicators	Line Indicators A/B (serves also as battery check indicator)
Jacks	Input, Output, AC Adaptor In/Out, Send A/B, Return A/B
Input Impedance	1 MΩ
Output Impedance	1 kΩ
Recommended Load Impedance	10 kΩ or greater
Residual Noise	-85 dBu or less (IHF-A, Typ.)
Power Supply	DC 9 V; Dry battery (6F22/9V), AC Adaptor (PSA-series: Option)
Current Draw	25 mA (DC 9V)
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 / 14 oz (including battery)
Accessories	Instructions, Dry Battery; 6F22/9V (Carbon), Rubber Feet x2 (For BCB-6), Leaflet ("USING THE UNIT SAFELY," "IMPORTANT NOTES," and "Information")
Options	AC Adaptor PSA-Series, DC cord PCS-20A

* 0 dBu = 0.775 Vrms

* In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.

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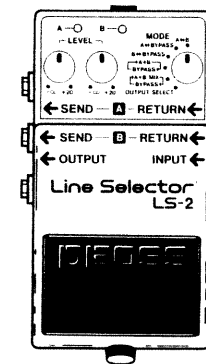
BOSS
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BOSS LS-2 Line Selector

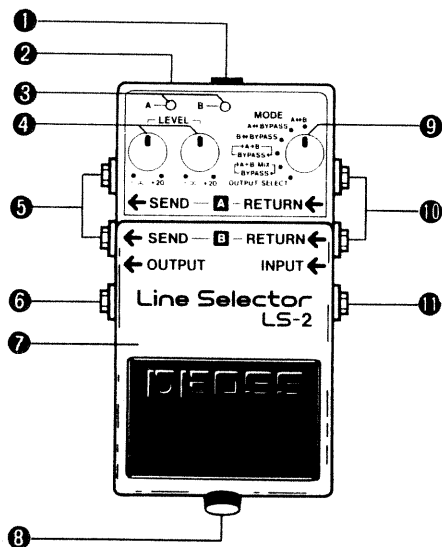
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PANEL DESCRIPTION



① AC Adaptor In Jack

Connect an AC adaptor (BOSS PSA-120, 220 or 240 :option) to this jack.

* Use of an AC adaptor eliminates the need for battery.

* Be sure to use the specified AC adaptor (PSA-120, 220 or 240). Using any other adaptor may damage the unit.

② AC Adaptor Out Jack

When an AC adaptor is being used to power the LS-2, power can also be supplied to another compact effect unit by connecting a paralleled DC cord (PCS-20A : option) to this jack.

* When you are using battery power, the AC Adaptor Out Jack does not function.

* When using the PSA-120, 220 or 240, be sure that the total current draw of the LS-2 and any external effect unit does not exceed 200mA.

③ Line Indicators A/B

The appropriate indicator lights when the corresponding line (A/B) is selected.

* These indicators also serve as a battery check. When they become dim (or do not light at all), replace the battery immediately.

④ Level Control Knobs A/B

Each knob controls the output level of the corresponding line (A/B). The output level is variable from $-\infty$ (muted) to +20dB.

* When a knob is set to the center position, the input and output levels are equal.

⑤ Send Jacks (A/B)

These jacks send the signals received by the Input Jack when the corresponding line (A/B) is in use.

⑥ Output Jack

Connect an amplifier or other effect unit to this jack.

⑦ Pedal Switch

This switch selects the line to be used.

⑧ Thumb Screw

Loosen this screw to open the pedal for battery replacement. For a detailed explanation, see "Battery Replacement".

⑨ Mode Selector Switch

This switch selects the operating mode. For a detailed explanation, see "MODE DESCRIPTION".

⑩ Return Jacks A/B

These jacks feed the signal from the corresponding line (A/B) into the unit.

⑪ Input Jack

Connect an electric/electronic musical instrument (such as an electric guitar) to this jack.

* Connecting a plug to the Input Jack automatically turns the unit on. Disconnect the plug from the Input Jack when the unit is not in use.

■ OPERATION

① Select the desired mode.

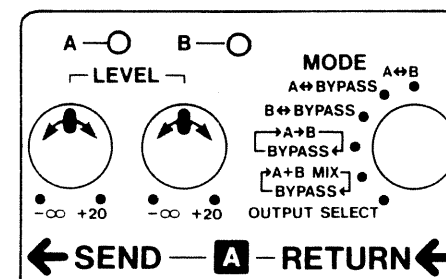
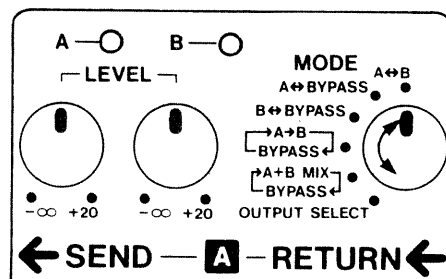
* Be sure to select an appropriate mode referring to "Mode Description" and "LS-2 Sample Settings".

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 Control Knobs.

* The Level Control Knobs may not work depending on how the units are set up.



■ BATTERY REPLACEMENT

① Loosen the thumb screw on the pedal to open it.

② Take out the battery from the battery housing and disconnect the battery snap.

③ Connect a new battery to the battery snap, then replace the battery in to the battery housing.

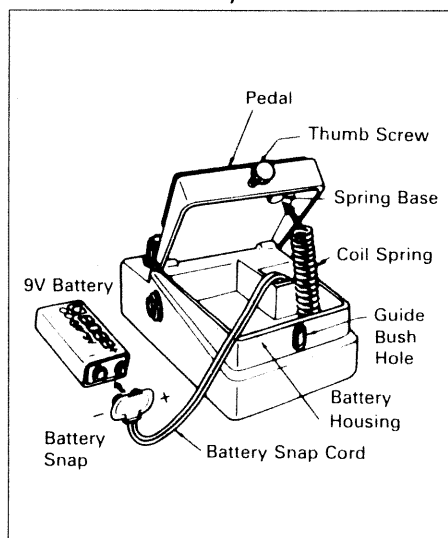
* Make sure that the polarity of the battery is correct.

④ Push the coil spring into the spring base on the rear of the pedal, then close the pedal.

* Make sure that the snap cord is not caught in the pedal or coil spring.

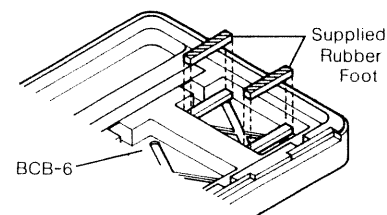
⑤ Insert the thumb screw into the guide bush hole and firmly tighten the screw.

Use one 9-volt battery



■ IMPORTANT NOTES

● To place the LS-2 in the BOSS Carrying Box BCB-6, you need to attach the supplied rubber feet to the BCB-6 shown below.

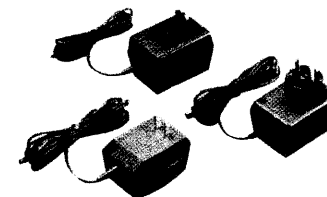


● Remove the battery whenever the unit is not going to be used for an extended period of time.

● When operating solely on a battery, the unit's indicator becomes dim when the battery is depleted. Replace the battery immediately.

● If there is a battery in the unit while an AC adaptor is being used, normal operation will continue should the line voltage be interrupted (power black-out) or the power cord become disconnected.

● Should a malfunction occur (or if you suspect there is a problem) discontinue use immediately. Contact qualified service personnel as soon as possible.



● OUT: 9VDC 200mA

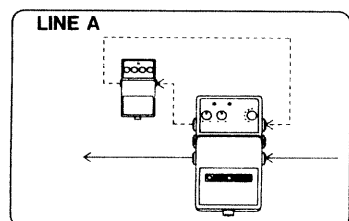
MODE DESCRIPTION

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

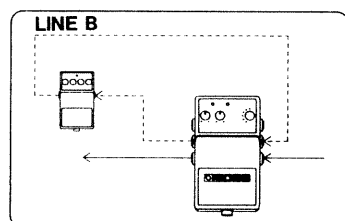
*When you change modes, be sure to determine the currently selected line using the Line Indicators.

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).



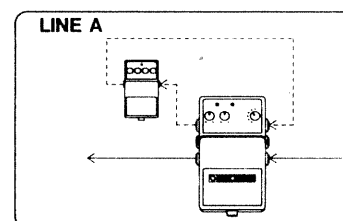
INPUT → SEND A → RETURN A → OUTPUT



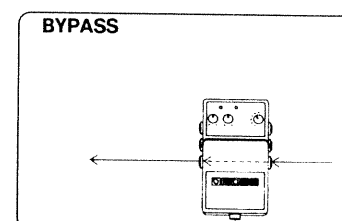
INPUT → SEND B → RETURN B → OUTPUT

A↔BYPASS

Pressing the pedal alternately selects Line A or Bypass.



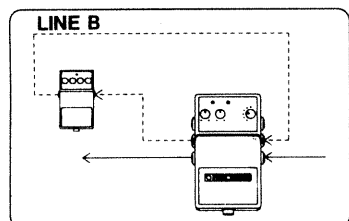
INPUT → SEND A → RETURN A → OUTPUT



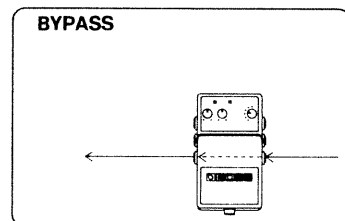
INPUT → OUTPUT

B↔BYPASS

Pressing the pedal alternately selects Line B or Bypass.



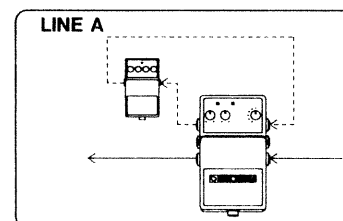
INPUT → SEND B → RETURN B → OUTPUT



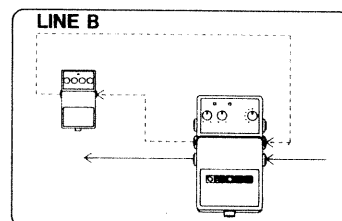
INPUT → OUTPUT

→A↔B BYPASS←

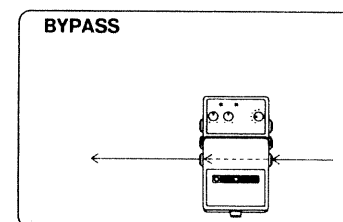
Pressing the pedal repeatedly selects (in sequence) Line A, Line B or Bypass.



INPUT → SEND A → RETURN A → OUTPUT



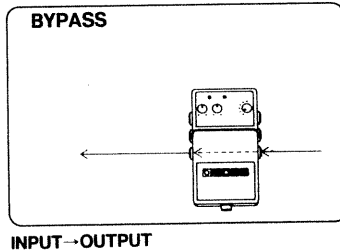
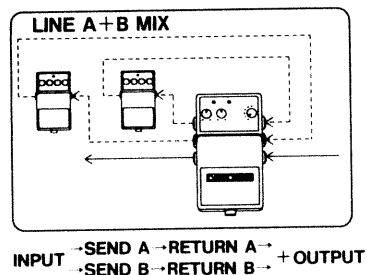
INPUT → SEND B → RETURN B → OUTPUT



INPUT → OUTPUT

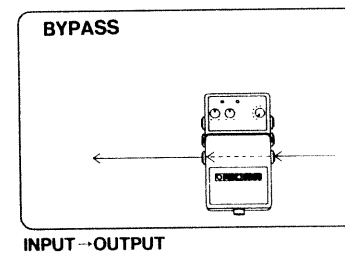
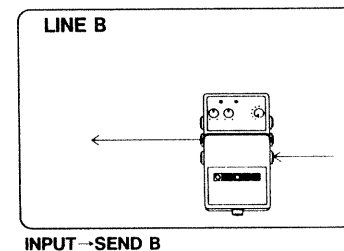
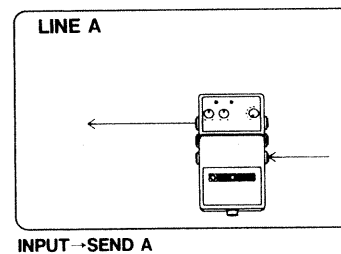
A+B MIX BYPASS

Pressing the pedal alternately selects Line A + Line B (mixed) or Bypass.



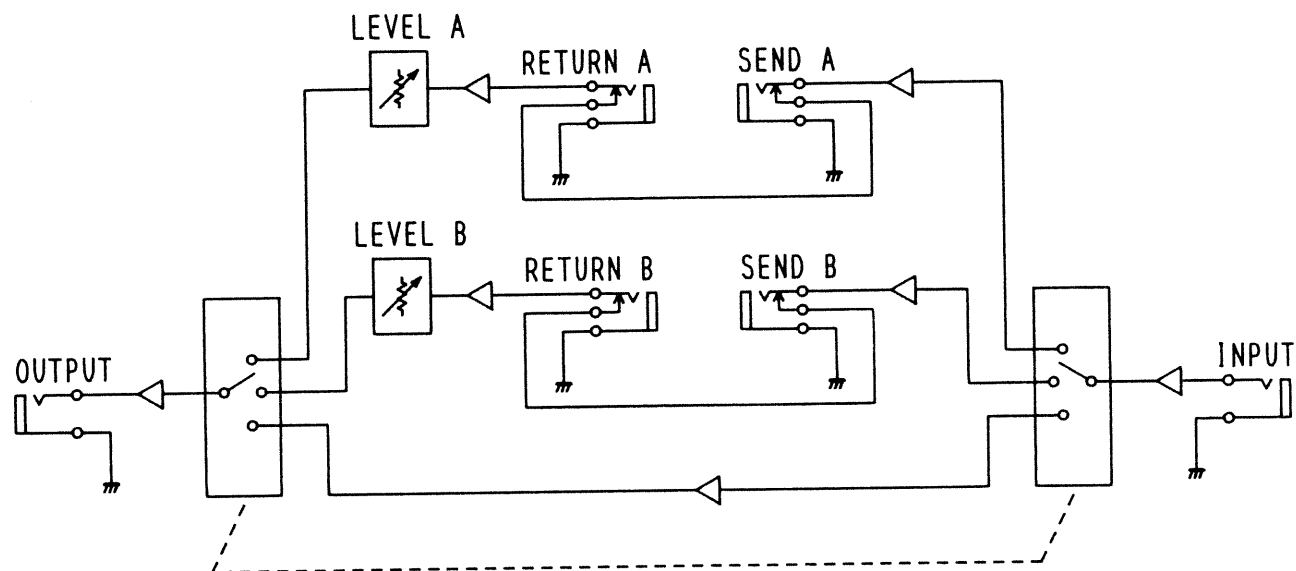
OUTPUT SELECT

Pressing the pedal repeatedly selects (in sequence) Send A, Send B or Output.



For EU Countries
This product complies with the requirements of
European Directive 89/336/EEC.

BLOCK DIAGRAM



 Roland®

2604781202

UPC

2604781202



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 **BOSS**