

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), 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.

Copyright © BOSS CORPORATION

All rights reserved. No part of this publication may be reproduced in any form without the written permission of BOSS CORPORATION.

26047812R0 Printed in Taiwan 2010-07-B3-3C

BOSS
BOSS Corporation

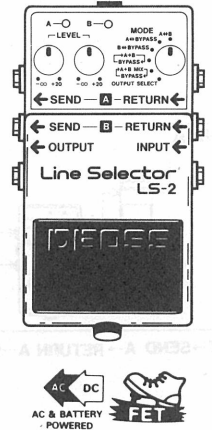
5RTC

BOSS LS-2 Line Selector

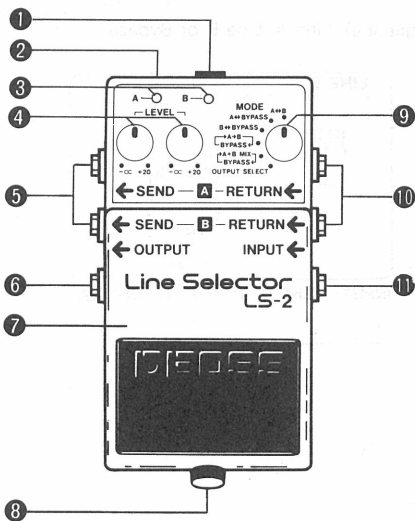
Instructions

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.



PANEL DESCRIPTION



1. AC Adaptor In Jack

Connect an AC adaptor (PSA series) to this jack.
* Use of an AC adaptor eliminates the need for battery.
* Be sure to use the specified AC adaptor (PSA series). Using any other adaptor may damage the unit.

2. AC Adaptor Out Jack

When an AC adapter is used, you can connect a PCS-20A parallel DC cord (sold separately) to supply power to other PSA-adaptor-compatible devices.

* Power cannot be supplied when the LS-2 is running on batteries.

* There are two types of adaptors in the PSA series; they differ by the maximum amount of current that they are able to output (200 mA or 500 mA). If you're using the PCS-20A in combination with a PSA series adaptor, make sure that the total current consumption of this unit and the PSA-adaptor-compatible devices being supplied with power doesn't exceed the maximum output of the PSA series adaptor you're using (200 mA or 500 mA).

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 -∞ (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.

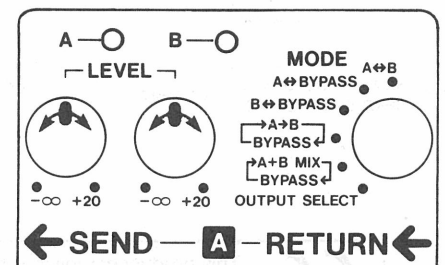
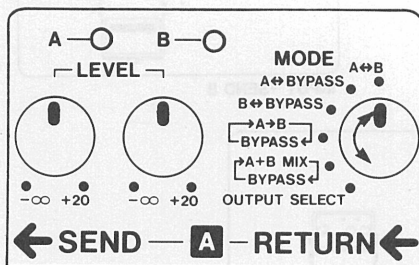
* Be sure to select an appropriate mode referring to "Mode Description" and "LS-2 Sample Settings".

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.

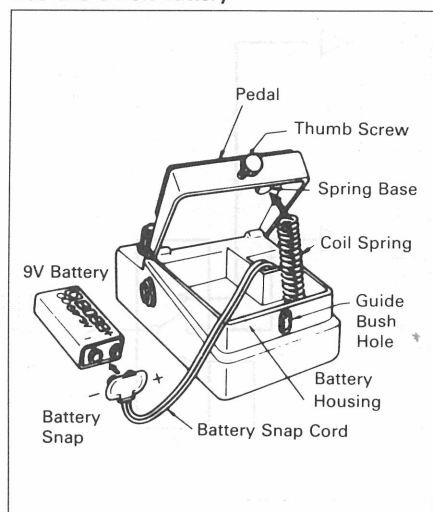
* Make sure that the polarity of the battery is correct.

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

● 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 blackout) 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.

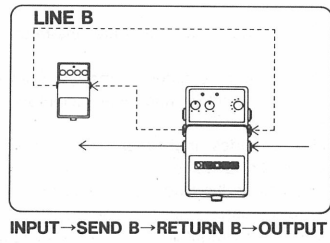
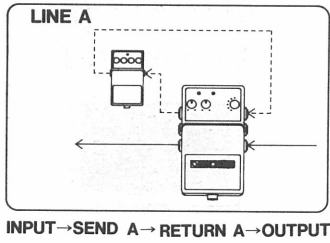
MODE DESCRIPTION

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.

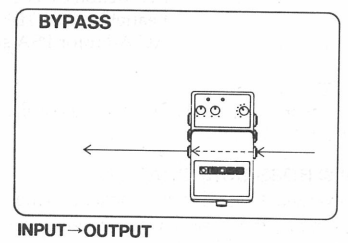
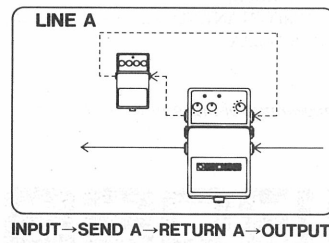
A↔B

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).



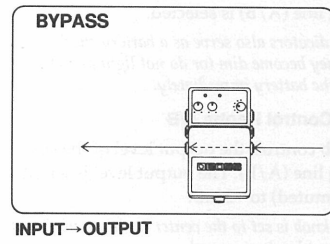
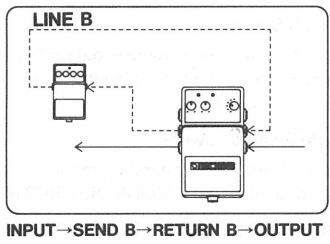
A↔BYPASS

Pressing the pedal alternately selects Line A or Bypass.



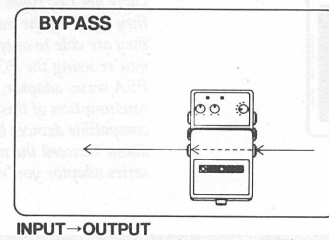
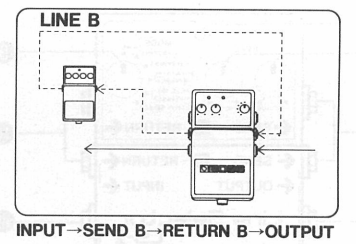
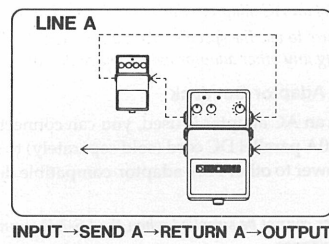
B↔BYPASS

Pressing the pedal alternately selects Line B or Bypass.



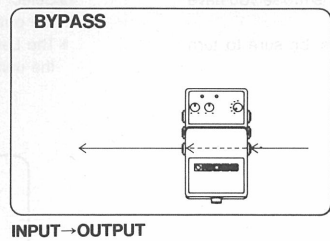
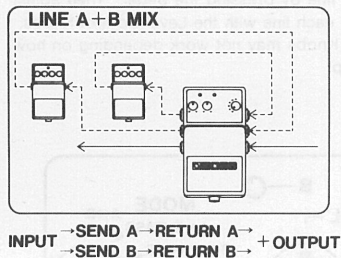
A→B BYPASS

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



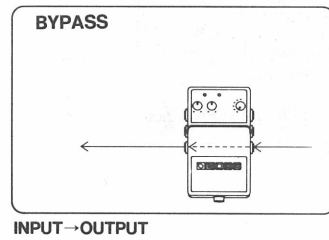
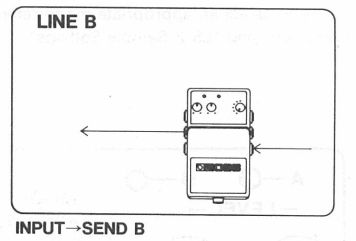
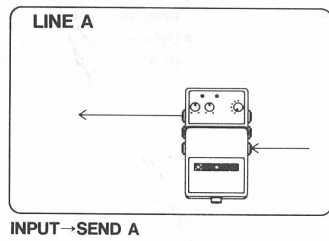
A+B MIX BYPASS

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

