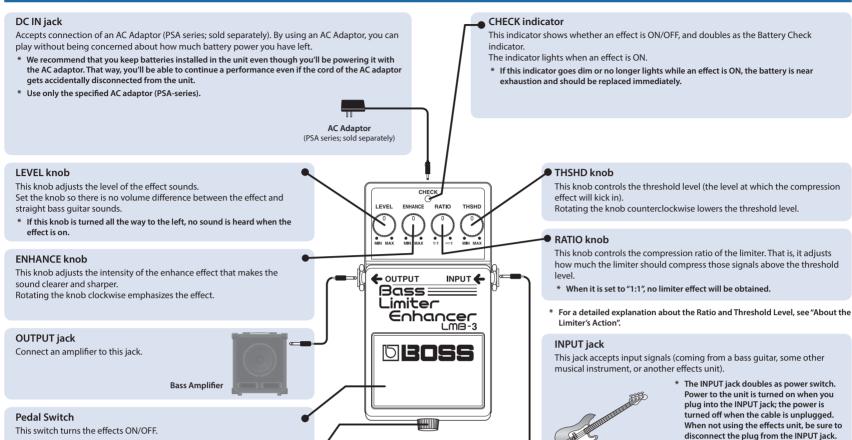


Before using this unit, carefully read the sections entitled: "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (supplied on a separate sheet). After reading, keep the document(s) where it will be available for immediate reference.

Main Features

- The BOSS LMB-3 is a limiter/enhancer specifically designed for electric bass.
- The LMB-3 allows you to create a well-balanced sound by controlling the volume difference of the sound or to avoid sound distortion.
- By adjusting the THRESHOLD level and RATIO knobs, the intensity of the limiter can be spontaneously controlled.
- Using the Enhance effect, you can make the sound clearer and sharper.

Panel Descriptions



Precautions When Connecting

Thumbscrew

the battery.

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

When this screw is loosened, the pedal will open, allowing you to change

* For instructions on changing the battery, refer to "Changing the Battery."

• Once the connections have been completed, turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing malfunction and/or damage to speakers and other devices.

When powering up: Turn on the power to your bass amp last. When powering down: Turn off the power to your bass amp first.

Before turning the unit on/off, always be sure to turn the volume down. Even with the volume turned down, you might hear some sound when switching the unit on/off. However, this is normal and does not indicate a malfunction.

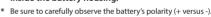
Use of Battery

- 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

Changing the Battery

Electric Bass

- 1. Hold down the pedal and loosen the thumbscrew 1, then open the pedal 2 upward. The pedal can be opened without
- detaching the thumbscrew completely
- 2. Remove the old battery from the battery housing 3, and remove the battery snap 4 connected to it.
- 3. Connect the battery snap to the new battery, and place the battery inside the battery housing.



1

9 V Battery

3

- 4. Slip the coil spring 5 onto the spring base 6 on the back of the pedal, and then close the pedal.
- Carefully avoid getting the battery snap cord **7** caught in the pedal, coil spring, and battery housing.
- 5. Insert the thumbscrew into the guide bush hole 8 and tighten

Operating the Unit

1. When you have made the necessary connections, set the knobs as shown in the illustration.



- 2. Depress the pedal switch to turn the effect on. (Make
- 3. Adjust the Threshold Level (the level at which compression starts) using the THSHD knob.



- 4. Adjust the compression ratio using the RATIO knob.
- Adjust the intensity of the enhance effect using the ENHANCE knob.
- Adjust the LEVEL knob so there will be no volume difference between the effect and straight bass

About the Limiter's Action

The LMB-3's limiter will function differently depending upon how you set the Threshold level and Ratio. The THSHD and RATIO knobs work as described below

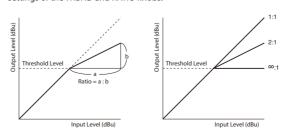
THSHD knob

The Threshold Level is the level at which compression starts to work. When the input signal has reached the Threshold Level, the s will be compressed at the compression ratio set with "RATIO", then output. When the input signal is lower than the Threshold Level, it will be output without compression.

RATIO knob

The compression ratio for the input signal is called Ratio. For instance, when the Ratio is set to "2:1", an input signal that is 6 dB louder than the Threshold Level will be compressed to one half, or 3 dB When it is set to "∞:1", any input signal above the Threshold Level will be compressed to the Threshold Level, then output.

The following figure shows how the output signal is affected by the settings of the THSHD and RATIO knobs.



Main Specifications

it securely.

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	Carbon-zinc battery (9 V, 6F22) or Alkaline battery (9 V, 6LR61)
	AC adaptor (PSA series: sold separately)
Current Draw	25 mA
	* Expected battery life under continuous use: Carbon: 5 hours Alkaline: 10.5 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	380 g / 14 oz (including battery)
Accessories	Leaflet ("USING THE UNIT SAFELY," "IMPORTANT NOTES," and "Information")
	Carbon-zinc battery (9 V, 6F22)
Options (sold separately)	AC adaptor (PSA-series)

- * 0 dBu = 0.775 Vrms
- This document explains the specifications of the product at the time that the document was issued. For the latest information.

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