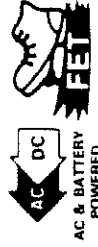
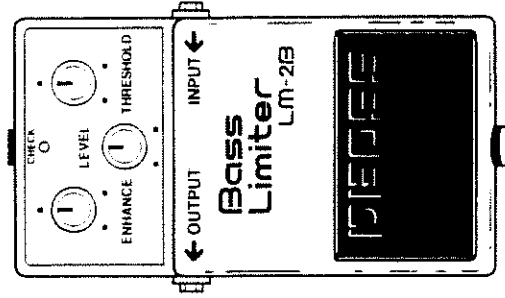


BOSS LM-2B Bass Limiter

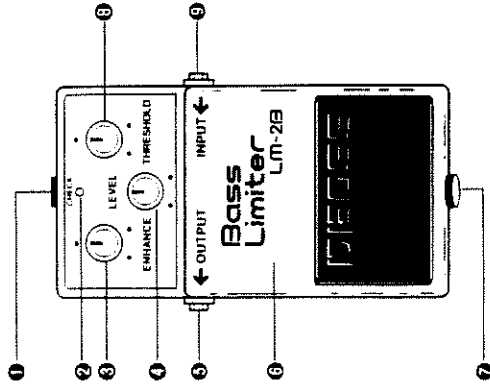
INSTRUCTIONS

Thank you, and congratulations on your choice of this product. To make sure you get the most out of the LM-2B BASS LIMITER, and enjoy continuing satisfaction as a result of operating it under the best of conditions, please thoroughly read these instructions.

- The LM-2B Bass Limiter is an effects unit which, by suppressing the unwanted transients (peaks) in the input, eliminates the unevenness in sound volume, and creates a well-balanced sound that is free of distortion. When playing using styles such as popping and slapping, the balance of the volume is improved since the peaks are suppressed.
- Since the unit has been designed to provide the best possible effects when a bass guitar is used, there is no loss in sound quality or reduction in clarity.
- Adoption of a high-performance VCA virtually eliminates deterioration in the sound quality. On top of this, the unit is designed with low-noise in mind.
- Extremely natural limiting has been achieved thanks to a high-speed envelope detection circuit.
- Since the unit is equipped with an enhancer, the sound is defined more clearly, and becomes more alive.



PANEL DESCRIPTION



1 AC Adaptor Jack

This jack accepts connection of the AC Adaptor (BOSS PSA-120, 220 or 240; optional).

* Use of the AC adaptor allows you to play for as long as you wish without being concerned about the battery wearing out.

* Make certain you use only the specified AC adaptor (PSA Series). Use of any other AC adaptor can cause operational errors or damage to the unit.

2 Check Indicator

Lights up when the effect is on, allowing you to confirm if the effect is on or off.

* This indicator also serves as the Battery Check Indicator. When it becomes dim, or no longer lights, this means that the battery has been depleted and needs to be replaced with a new one.

3 Enhance Knob

By adding upper range sound portions, the sound is defined more clearly, and becomes more alive.

[\blacktriangledown] : The enhancement effect becomes more pronounced

[\blacktriangleright] : The enhancement effect is reduced. When

the knob is moved fully counterclockwise, no enhancement effect at all is applied.

4 Level Knob

Adjusts the level of what is output when the effect is applied. It should be adjusted so there is no difference in volume between the time when the effect is on and when it is off.

[\blacktriangledown] : The level of the output is increased. When the knob is moved fully counterclockwise, no sound will be output when the effect is on.

5 Output Jack

This jack is used for making connections with an amplifier or other effects devices.

6 Pedal Switch

Used to turn the effect on or off.

7 Thumb Screw

When this screw is loosened, the pedal opens, allowing for the battery to be changed. For information on how to change the battery, refer to "BATTERY REPLACEMENT".

* The screw should not be removed completely from the pedal. If it should come off, make sure you do not misplace it.

8 Threshold Knob

This knob provides adjustment over the level at which the suppression of the input signal will begin. Whenever a signal which exceeds the level that has been set using this knob (the threshold level) is input, the output up to the threshold level is suppressed. Signals that are below the threshold level are output as is.

[\blacktriangledown] : The threshold level is raised, and suppression of high powered input signals takes place.

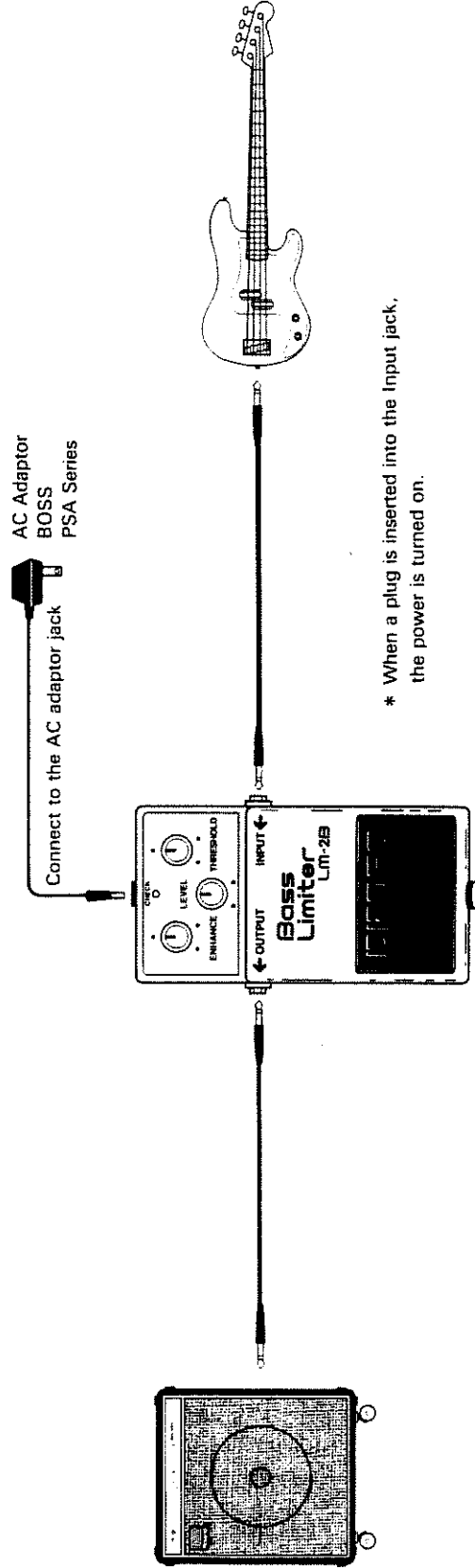
[\blacktriangleright] : The threshold level is lowered, and the limiter effect is strengthened.

9 Input Jack

This jack accepts connection of a bass guitar or other electronic instruments and devices.

* The Input Jack is equipped with a power switch. When a plug is inserted into it, the power is turned on; and when the plug is pulled out, the power is turned off. When the unit is not being used, any cord connected to the Input Jack should be disconnected.

CONNECTIONS

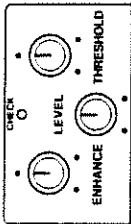


* When a plug is inserted into the Input Jack, the power is turned on.

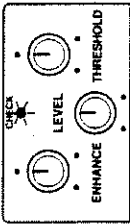
OPERATION

① Once you have all cords connected, the knobs on the panel should be set as shown in the illustration.

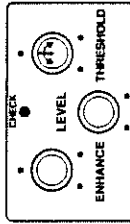
* Always make sure you turn down the volume on your amplifier before connecting or disconnecting any cords.



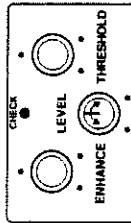
② Depress the pedal switch ⑥, thus turning the effect on.
(The Check Indicator will light up.)



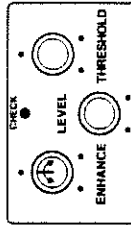
③ Using the Threshold knob ⑤, adjust the level at which the limiter will begin to take effect.



④ Using the Level knob ④, adjust the level of the output. It should be adjusted so that there is no difference in volume when the effect is turned on or off.



⑤ Use the Enhance knob ③ to adjust the amount of upper-range sound that will be applied. The further the knob is moved clockwise, the greater will be the amount of sound in the upper-range that is applied, and thus the sound's definition will become more distinct.



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.

IMPORTANT NOTES

● Do not subject the unit to temperature extremes (eg. direct sunlight in an enclosed vehicle). Avoid using or storing the unit in dusty or humid areas or areas that are subject to high vibration levels.

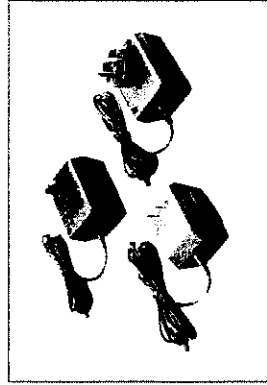
● Remove the battery whenever the unit is not going to be used for an extended period of time.

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

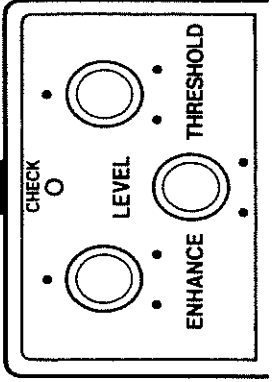
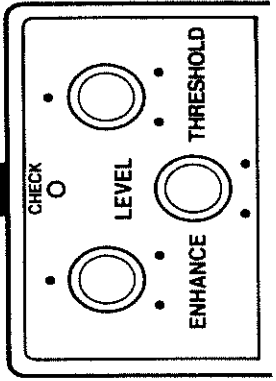
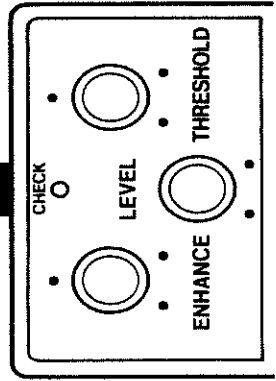
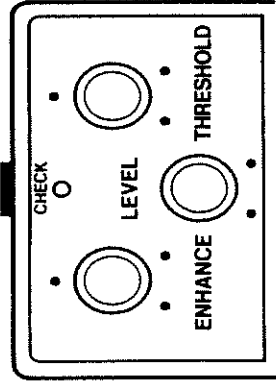
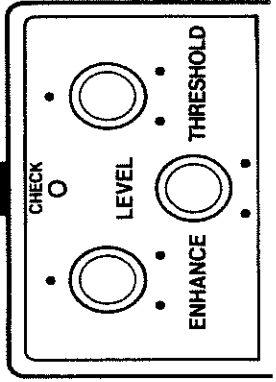
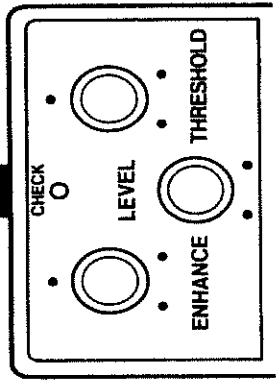
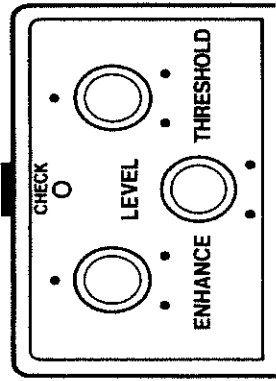
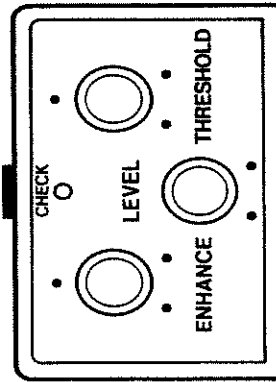
● Should a malfunction occur (or if you suspect there is a problem) discontinue use immediately. Contact

qualified service personnel as soon as possible.



● OUT: 9VDC/200mA

SETTING MEMO



■ SPECIFICATIONS

Power Supply: 9V DC battery, 6F22(X1); AC Adaptor (PSA Series)

Current Draw: 16mA (9V DC)

Controls: Threshold, Enhance, Level

Switch: Effect On/Off

Indicator: Effect On/Off (serves also as battery check indicator)

Jacks: Input, Output, AC Adaptor

Residual Noise: Less than -90dBm (IHF-A)
(LEVEL, ENHANCE Knobs: Center)

Input Impedance: 1M Ω

Output Load Impedance: More than 10k Ω

Dimensions: 70 (W) x 55 (H) x 125 (D) mm
2-3/4" x 2-3/16" x 4-15/16"

Weight: 400g/14oz.

* Specifications are subject to change without notice.

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