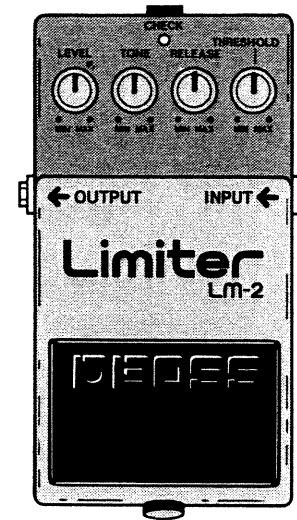


# BOSS

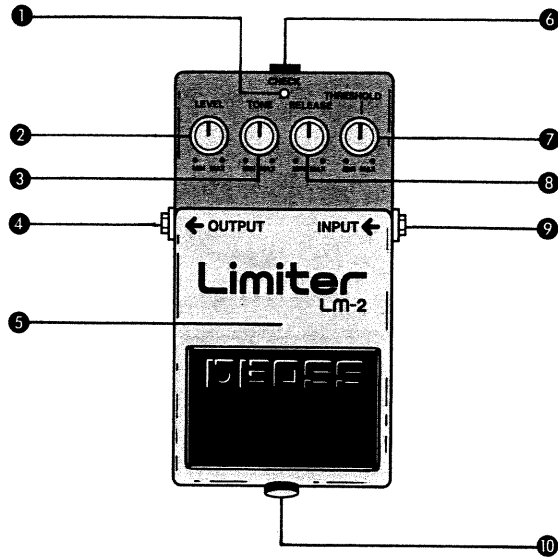
# LM-2 Limiter

## INSTRUCTIONS

- The BOSS Limiter LM-2 suppresses the peak of the input signal, retaining a certain dynamic range.
- Adopting a high quality VCA, the LM-2 allows little tone quality deterioration and low noise.
- The high-speed envelope detecting circuits enable natural limiting effect.
- Provided with the Tone Control, the LM-2 can create wide variety of sounds.



## ■ PANEL DESCRIPTION



### 1 CHECK INDICATOR

By the LED indicator, you can see whether the effect is on or off. This indicator also serves as battery check.  
\* If the indicator fails to light or lights but only dimly, replace the battery with a new one.

### 2 LEVEL KNOB

This adjusts the level of the effect sound. Rotating this knob clockwise increases the amount of the effect sound, and vice versa.

### 3 TONE KNOB

This knob controls the tone of the sound. Rotating this clockwise emphasizes the higher frequencies, creating sharper sound, and counterclockwise rotation cuts the higher frequencies, creating softer sound.

### 4 OUTPUT JACK

Connect an amplifier or other effect to this jack.

### 5 PEDAL SWITCH

This turns on or off the effect.

\* Adopting the FET switching system, this Pedal Switch is released from the click noise, therefore, even more successful live performance and studio recording are made possible.

### 6 AC ADAPTOR JACK

This is to connect the AC adaptor (BOSS ACA-120, 220 or 240).

\* AC operation allows long and secured performance.

### 7 THRESHOLD KNOB

This adjusts the threshold level. Rotating the knob clockwise raises the threshold level, lowering the limiting effect. Rotating it counterclockwise lowers the level, raising the limiting effect.

### 8 RELEASE KNOB

This adjusts the release time. Rotating the knob clockwise makes longer release time, and vice versa.

### 9 INPUT JACK

To this jack, connect an electric or electronic musical instrument such as a bass guitar.

\* The unit is turned on when the plug is connected to the Input Jack. So, when the unit is not to be used, disconnect the connection cord from the Input Jack.

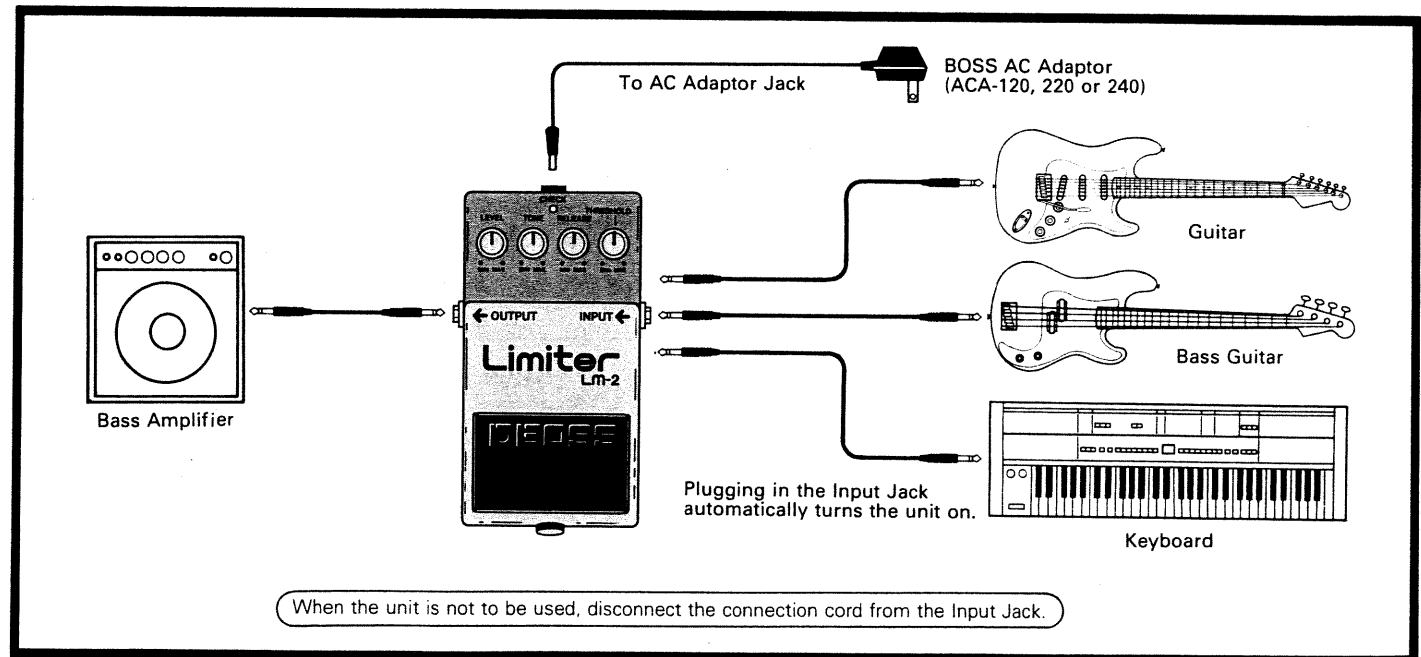
### 10 THUMB SCREW

Loosen this screw when replacing the battery.

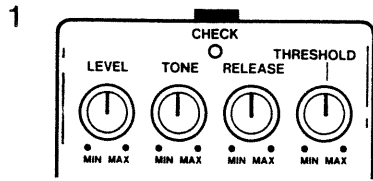
\* Do not remove the screw from the Pedal.

## ■ IMPORTANT NOTES

- Use only the BOSS AC adaptor ACA 120, 220 or 240 depending on the voltage system in your country.
- Do not use this unit in extreme heat, humidity, or where it may be affected by dust.



## ■ OPERATION

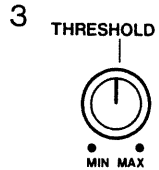


After making all the necessary connections, set the knobs as shown in the picture.



Press the Pedal Switch down, and make sure that the indicator ❶ lights (effect is on).

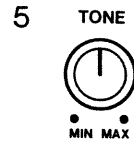
\* If the indicator fails to light up or lights only dimly, replace the battery with a new one.



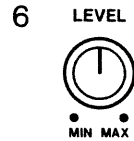
Set the threshold level with the Threshold Knob ❷.



Set the release time with the Release Knob ❸.



Adjust the tone with the Tone Knob ❹.



Adjust the volume with the Level Knob ❺.

## ■ BATTERY REPLACEMENT

### USE 9V BATTERY

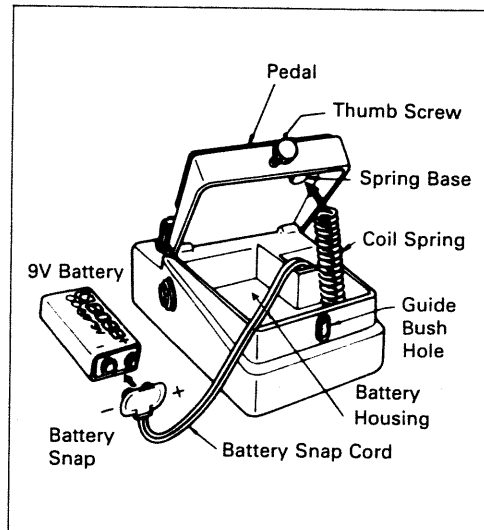
- ❶ Loosen the Thumb Screw and open the Pedal.
- ❷ Take out the battery from the Battery Housing and pull up the Battery Snap Cord.
- ❸ Connect a new battery to the Battery Snap Cord and replace it to the Battery Housing.

\* Be sure that the Battery Snap Cord is securely pushed in.

- ❹ Put the Coil Spring to the Spring Base and close the Pedal.

\* Make sure that the Battery Snap Cord is not caught in the Pedal or Coil Spring

- ❺ Firmly tighten the screw.

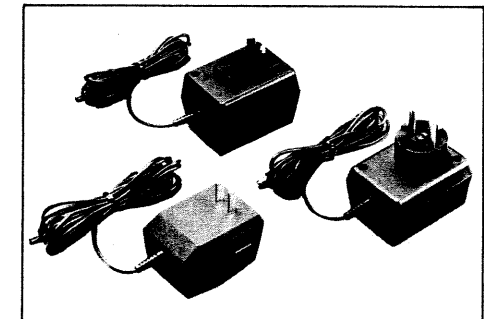


## ■ PRECAUTIONS

- When the unit is not to be used for a long period, remove the battery to prevent the trouble caused by the battery leakage.
- If the battery voltage drops, effect becomes inferior or no sound is produced. To prevent this, replace the battery.
- Be sure to keep the battery securely connected even while using the AC adaptor, and the unit will continue to operate even if the AC adaptor cord comes out during performance.
- Unplug the cord from the Input Jack when the unit is not in use, to avoid wasting the battery.

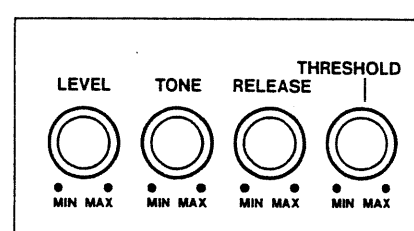
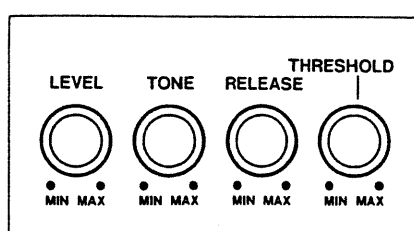
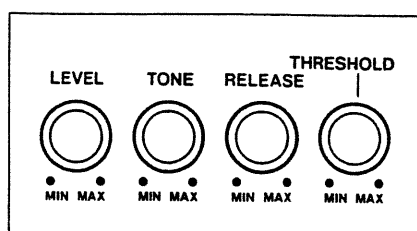
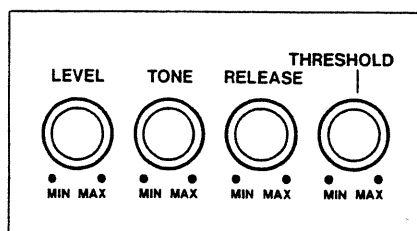
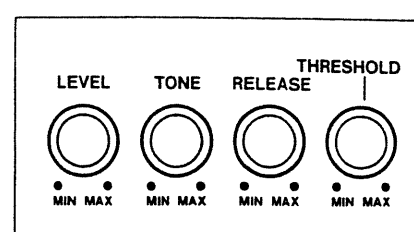
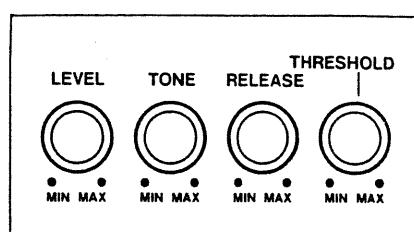
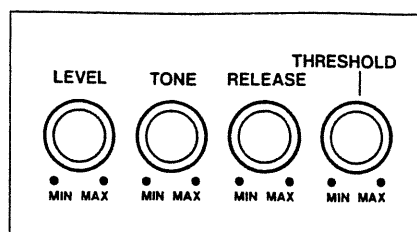
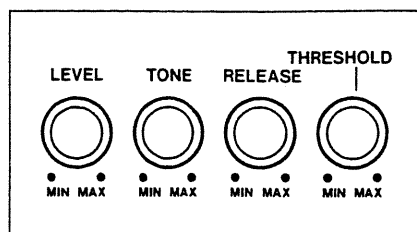
## AC ADAPTOR

Please be sure to use the BOSS ACA-120, 220 or 240 depending on the voltage system in your country. Using any other adaptor will cause malfunction or even breakdown.



BOSS ACA-120, 220 or 240 (Optional)

## SETTING MEMO



**Roland®**  
**2603077700**

UPC 2603077700



10901

### ■ SPECIFICATIONS

<b>Power</b> .....	9VDC 006P (× 1), AC Adaptor (ACA-120, 220 or 240)
<b>Current Draw</b> .....	12mA (9VDC)
<b>Controls</b> .....	Level, Tone, Release, Threshold
<b>Switch</b> .....	Effect On/Off
<b>Indicator</b> .....	Effect On/Off (= Battery Check)
<b>Jacks</b> .....	Input, Output, AC Adaptor
<b>Residual Noise</b> .....	Less than -100dBm (IHF-A) (Level and Tone set to the center)
<b>Input Impedance</b> .....	1MΩ
<b>Output Load Impedance</b> .....	More than 10kΩ
<b>Dimensions</b> .....	70(W) × 55(H) × 125(D) mm 2¾" × 2¼" × 5"
<b>Weight</b> .....	400g/14oz

\* Specifications are subject to change without notice.