

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 ML-2 produces a heavy distortion with a bold attack, making it ideal for massive-sounding death-metal riffs.
- The LOW control produces a deep, low sound, even if you don't use extreme downtuning.
- The HIGH control lets you create guitar-riff sounds with lots of edge (attack) and a crisp high end.

Panel Descriptions

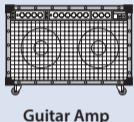
**DC IN jack**  
Accepts connection of an AC Adaptor (PSA series; sold separately). By using an AC Adaptor, you can play without being concerned about how much battery power you have left.

- \* We recommend that you keep batteries installed in the unit even though you'll be powering it with the AC adaptor. That way, you'll be able to continue a performance even if the cord of the AC adaptor gets accidentally disconnected from the unit.
- \* Use only the specified AC adaptor (PSA-series).
- \* If the AC adaptor is connected while power is on, the power supply is drawn from the AC adaptor.

**LEVEL knob**  
This adjusts the volume of the effect sound.

**LOW knob**  
This knob controls the tone of the effect at lower frequencies. Turning the knob clockwise boosts the lower frequencies, while turning it counterclockwise cuts the lower frequencies.

**OUTPUT jack**  
Connect an amplifier to this jack.



**Pedal switch**  
This switch turns the effects ON/OFF.

**Thumbscrew**  
When this screw is loosened, the pedal will open, allowing you to change the battery.

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

**CHECK indicator**  
This indicator shows whether an effect is ON/OFF, and doubles as the Battery Check indicator. The indicator lights when an effect is ON.

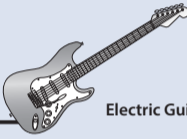
- \* If this indicator goes dim or no longer lights while an effect is ON, the battery is near exhaustion and should be replaced immediately.

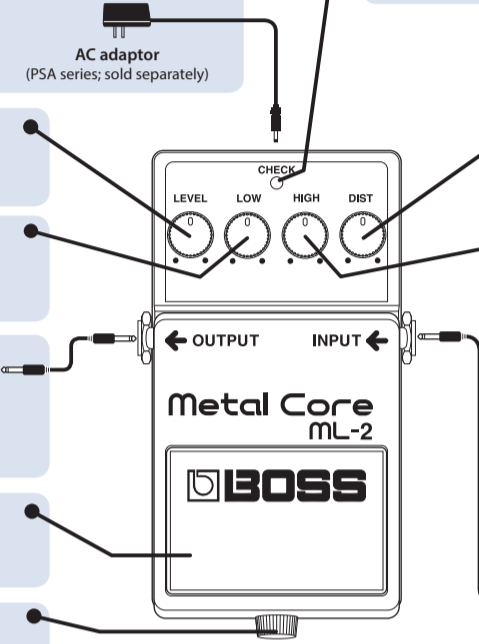
**DIST knob**  
This knob controls the amount of distortion applied to the sound. Turning the knob clockwise boosts the distortion effect.

**HIGH knob**  
This knob controls the tone of the effect at higher frequencies. Turning the knob clockwise boosts the higher frequencies, emphasizing the picking attack. Turning the knob counterclockwise cuts the higher frequencies, producing a tone in which the low-frequency sounds are more prominent.

**INPUT jack**  
This jack accepts input signals (coming from a guitar, some other electric or electronic musical instrument, or another effects unit).

- \* The INPUT jack doubles as the power switch. Power to the unit is turned on when you plug into the INPUT jack; the power is turned off when the cable is unplugged. To prevent unnecessary battery consumption, be sure to disconnect the plug from the INPUT jack when not using the effects unit.





Precautions When Connecting

- To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.
  - 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 guitar amp last.
- When powering down:** Turn off the power to your guitar 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

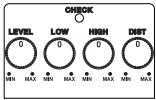
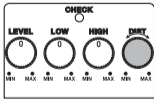
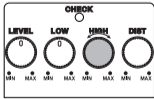
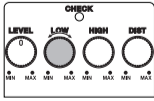
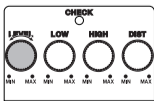
- A battery is supplied with the unit. The life of this battery may be limited, however, since its primary purpose was to enable testing.
- If you handle batteries improperly, you risk explosion and fluid leakage. Make sure that you carefully observe all of the items related to batteries that are listed 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.
- The use of an AC adaptor is recommended as the unit's power consumption is relatively high.
- If operating this unit on batteries, please use alkaline batteries.

Main Specifications

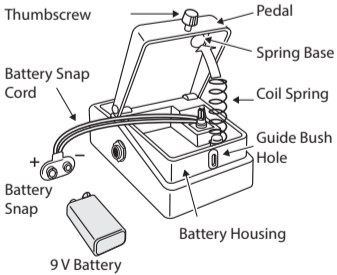
Nominal Input Level	-20 dBu
Input Impedance	1 MΩ
Nominal Output Level	-20 dBu
Output Impedance	1 kΩ
Recommended Load Impedance	10 kΩ or greater
Power Supply	Alkaline battery (9 V, 6LR61) AC adaptor (PSA series; sold separately)
Current Draw	60 mA  * Expected battery life under continuous use: Alkaline: 5.5 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	420 g / 15 oz (including battery)
Accessories	Leaflet ("USING THE UNIT SAFELY," "IMPORTANT NOTES," and "Information") Alkaline battery (9 V, 6LR61)
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, refer to the Roland website.

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. (The CHECK indicator lights when the effect is on.)
3. Adjust the amount of distortion with the DIST knob.
4. Adjust the amount of high-frequency sound with the HIGH knob.
5. Adjust the amount of low-frequency sound with the LOW knob.
6. Adjust the output volume with the LEVEL knob.  
Normally, you should adjust the LEVEL knob so there's no difference in the volume when switching the effect on and off.

Changing the Battery

1. Hold down the pedal and loosen the thumbscrew, then open the pedal upward.
  - \* The pedal can be opened without detaching the thumbscrew completely.
2. Remove the old battery from the battery housing, and remove the snap cord connected to it.
3. Connect the snap cord to the new battery, and place the battery inside the battery housing.
  - \* Be sure to carefully observe the battery's polarity (+ versus -).
4. Slip the coil spring onto the spring base on the back of the pedal, and then close the pedal.
  - \* Carefully avoid getting the snap cord caught in the pedal, coil spring, and battery housing.
5. Finally, insert the thumbscrew into the guide bush hole and fasten it securely.