



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 MT-2 is compact yet creates powerful effect pedal which, through the use of high-level gain circuits, creates heavy distortion and sustain effects.
- The MT-2 includes a three-band equalizer, Low, Middle and High. The middle band EQ is adopted for parametric type.

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 knob adjusts the volume of the effect sound. Set this knob so that there will be no difference in volume between the effect and straight sounds.

- * No sound will be heard when this knob is rotated completely counterclockwise.

EQUALIZER HIGH knob

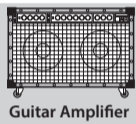
This knob controls the tone of the effect sound at higher frequencies. Rotating the knob clockwise boosts the higher frequencies, while rotating it counterclockwise cuts the higher frequencies. Higher frequencies have a variable range of ± 15 dB.

EQUALIZER LOW knob

This knob controls the tone of the effect sound at lower frequencies. Rotating the knob clockwise boosts the lower frequencies, while rotating it counterclockwise cuts the lower frequencies. The lower frequencies have a variable range of ± 15 dB.

OUTPUT jack

Connect an amplifier or other effect unit to this jack.



Guitar Amplifier

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.
- * The CHECK indicator shows whether the effect is on or off, and indicates the different functions. It does not indicate whether the power to the device is on or not.

EQUALIZER MID FREQ knob

This knob sets the frequency of the middle range (200 Hz to 5 kHz). Rotating the knob clockwise raises the frequency. Rotating it counterclockwise lowers the frequency.

- * When the EQUALIZER MID FREQ knob is set to the center position, the EQUALIZER MID FREQ knob does not affect the sound.

EQUALIZER MIDDLE knob

This knob boosts or cuts the frequency you set with the EQUALIZER MID FREQ knob. Rotating the knob clockwise boosts the level of the middle frequencies, while rotating it counterclockwise cuts the level of the middle frequencies.

DIST knob

This knob controls the intensity of the distortion effect. Rotating the knob clockwise increases the distortion level.

- * If you set this knob too high, the noise will increase and oscillation may occur.

INPUT jack

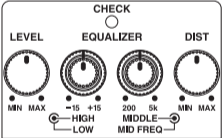
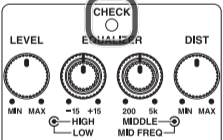
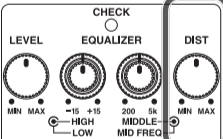
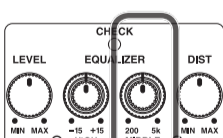
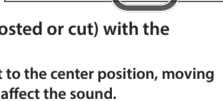
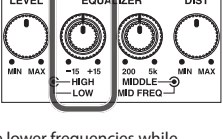
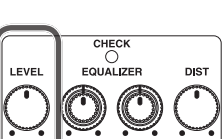
This jack accepts input signals (coming from a guitar, some other musical instrument, or another effects unit).

- * The INPUT jack also serves as the power switch. Power is turned on whenever a plug is inserted into the INPUT jack, and is turned off when the plug is disconnected. When not using the unit, you should disconnect any cord connected to the INPUT jack.

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.

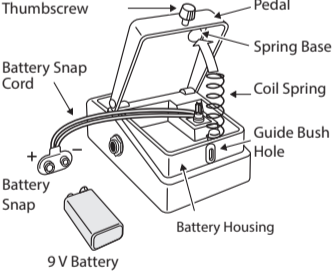
Operating the Unit

1. When you have made the necessary connections, set the knobs as shown in the illustration.
 
2. Press the Pedal Switch. Make sure the CHECK indicator lights.
 
3. Adjust the level of distortion using the DIST knob. Rotating the knob clockwise increases the distortion level while rotating it counterclockwise decreases it.
 - * If this knob is set too high, the noise will increase and oscillation may occur.
4. Adjust the tone of the middle range with the EQUALIZER MIDDLE knob. Rotating the knob clockwise boosts the frequency while rotating it counterclockwise cuts it.
 
5. Set the middle frequency (to be boosted or cut) with the EQUALIZER MID FREQ knob.
 - * When the EQUALIZER MIDDLE knob is set to the center position, moving the EQUALIZER MID FREQ knob does not affect the sound.
6. Adjust the tone of the high range with the EQUALIZER HIGH knob. Rotating the knob clockwise boosts the higher frequencies while rotating it counterclockwise cut them.
 
7. Adjust the tone of the low range with the EQUALIZER LOW knob. Rotating the knob clockwise boosts the lower frequencies while rotating it counterclockwise cut them.
 
8. Using the LEVEL knob, adjust the volume of the effect sound so that there will be no difference in volume between the effect and straight sounds.
 

Use of Battery

- * A battery was installed in the unit before it left the factory. 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

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.

Sample Settings

Heavy Metal	Overdrive	British Rock	Rock'n'roll
Hard Rock	Fuzz	Rock 1	Rock 2

Main Specifications

BOSS MT-2: Metal Zone

Nominal Input Level	-20 dBu
Input Impedance	1 M Ω
Nominal Output Level	-20 dBu
Output Impedance	1 k Ω
Recommended Load Impedance	10 k Ω or greater
Power Supply	DC 9 V; Dry battery 6F22 (9 V) type (carbon), AC Adaptor (PSA-series; optional)
Current Draw	30 mA * Expected battery life under continuous use: Carbon: Approx. 12.5 hours Alkaline: Approx. 23.5 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	385 g/14 oz (including battery)
Accessories	Owner's Manual, Leaflet ("USING THE UNIT SAFELY"/"IMPORTANT NOTES," and "Information"), Dry battery/9 V type (6F22)
Options	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.