

SPECIFICATIONS

Controls	Pedal Switch, Distortion, Middle Level, Middle Frequency, High Level, Low Level, Level
Indicator	Check Indicator (serves also as battery check indicator)
Jacks	Input Jack, Output Jack, AC Adaptor Jack
Input Impedance	1 M Ω
Output Impedance	1 k Ω
Recommended Load Impedance	10 k Ω or greater
Input Equivalent Noise	-110 dBu or less (IHF-A, Typ.) (Equalizer Control knob: center)
Power Supply	DC 9 V; Dry battery (6F22/9V), AC Adaptor (PSA-series: Option)
Current Draw	20 mA (DC 9V)

* Expected battery life under continuous use: Carbon: 12 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	410 g / 15 oz (including battery)
Accessories	Instructions, Dry Battery; 6F22/9V (Carbon), Leaflet ("USING THE UNIT SAFELY," "IMPORTANT NOTES," and "Information")
Options	AC Adaptor PSA-Series

* 0 dBu = 0.775 Vrms

* In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.

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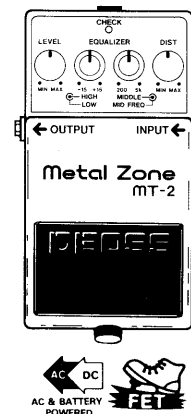
BOSS
BOSS Corporation

BOSS **MT-2**
Metal Zone

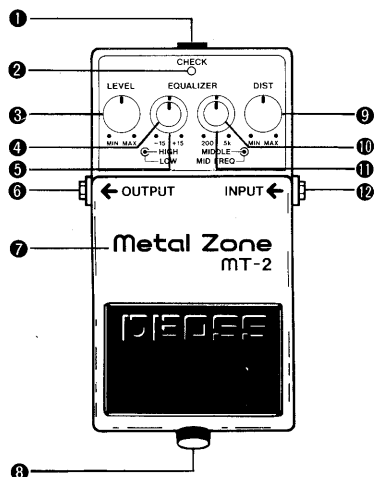
INSTRUCTIONS

Thank you for purchasing the BOSS MT-2 Metal Zone. To make the best use of the MT-2, please read the instructions carefully.

- 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 of the parametric type.



PANEL DESCRIPTION



1 AC Adaptor Jack

Connect an AC adaptor (BOSS PSA-120, 220 or 240 depending on the line voltage in your country) to this jack.

* Be sure to use a BOSS AC adaptor PSA-120, 220 or 240. Use of any other type may cause damage or malfunction.

2 Check Indicator

This LED lights when the effect is turned on, and therefore can be used as an effect on/off indicator. * The Check Indicator also serves as battery check. When the LED becomes dim or does not light at all, battery replacement is required.

3 Level Control 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.

4 High Level Control 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.

5 Low Level Control 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.

6 Output Jack

Connect an amplifier or other effect unit to this jack.

7 Pedal Switch

Pressing the pedal turns the effect on and off.

8 Thumb Screw

Loosen the screw to open the cover for battery replacement. (For a detailed explanation of battery replacement, see "BATTERY REPLACEMENT".)

* Do not remove the screw from the cover, or you may loose it.

9 Distortion Control 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.

10 Middle Level Control Knob

This knob boosts or cuts the frequency you set with the Middle Frequency Control Knob 11. Rotating the knob clockwise boosts the level of the middle frequencies, while rotating it counterclockwise cuts the level of the middle frequencies.

11 Middle Frequency Control Knob

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

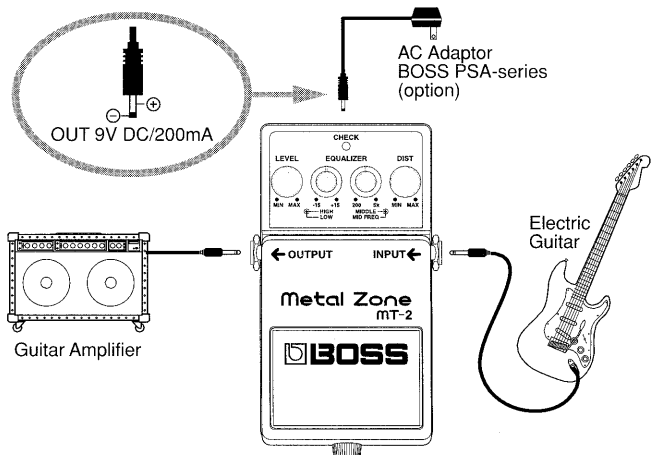
* When the Middle Level Control Knob is set to the center position, the Middle Frequency Control Knob does not affect the sound.

12 Input Jack

Connect an electric or electronic musical instrument (such as an electric guitar) to this jack.

* Inserting a plug into this jack will automatically switch the unit on. Be sure to disconnect the plug from this jack when the unit is not being used.

CONNECTIONS



* Inserting a plug into the INPUT Jack will automatically switch the unit on.

* Noise may be produced if wireless communications devices, such as cell phones, are operated in the vicinity of this unit. Such noise could occur when receiving or initiating a call, or while conversing. Should you experience such problems, you should relocate such wireless devices so they are at a greater distance from this unit, or switch them off.

* To prevent malfunction and/or damage to speakers or other devices, always turn down the volume, and turn off the power on all devices before making any connections.

* If there are batteries in the unit while an AC adaptor is being used, normal operation will continue should the line voltage be interrupted (power blackout or power cord disconnection).

* 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.

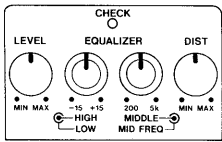
* Always make sure to have the volume level turned down before switching on power. Even with the volume all the way down, you may still hear some sound when the power is switched on, but this is normal, and does not indicate a malfunction.

* 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.

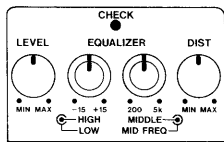
* The CHECK indicator shows whether the effect is being applied or not. It does not indicate whether the power to the device is on or not.

OPERATION

① Make all the necessary connections, then set the controls on the panel as shown below.

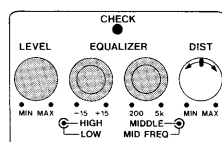


② Press the Pedal Switch ⑦. Make sure the Check Indicator lights.



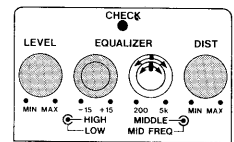
③ Adjust the level of distortion using the Distortion Control Knob ⑧. Rotating the knob clockwise increases the distortion level while rotating it counterclockwise decreases it.

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

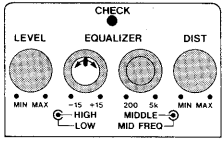


④ Adjust the tone of the middle range with the Middle Level Control Knob ⑩. Rotating the knob clockwise boosts the frequency while rotating it counterclockwise cuts it.

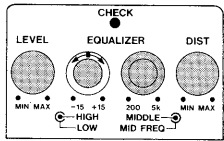
⑤ Set the middle frequency (to be boosted or cut) with the Middle Frequency Knob ⑪.
* When the Middle Level Control Knob is set to the center position, moving the Middle Frequency Control Knob does not affect the sound.



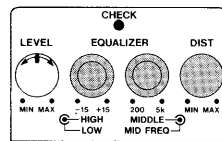
⑥ Adjust the tone of the high range with the High Level Control Knob ④. Rotating the knob clockwise boosts the higher frequencies while rotating it counterclockwise cuts them.



⑦ Adjust the tone of the low range with the Low Level Control Knob ⑤. Rotating the knob clockwise boosts the lower frequencies while rotating it counterclockwise cuts them.

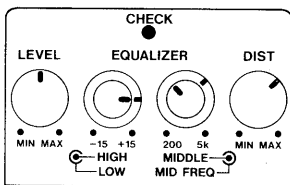


⑧ Using the Level Control Knob ③, adjust the volume of the effect sound so that there will be no difference in volume between the effect and straight sounds.

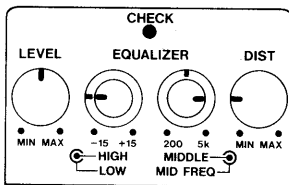


SAMPLE SETTINGS

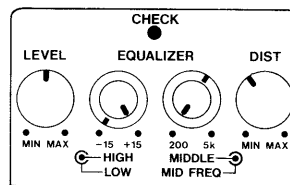
Heavy Metal



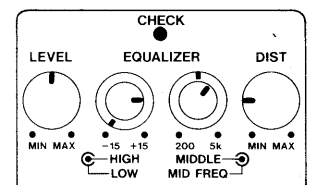
Overdrive



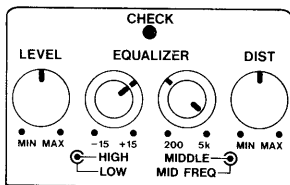
British Rock



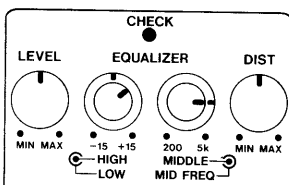
Rock'n'roll



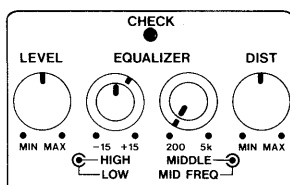
Hard Rock



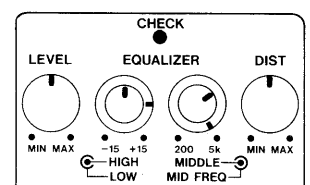
Fuzz



Rock 1



Rock 2



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.

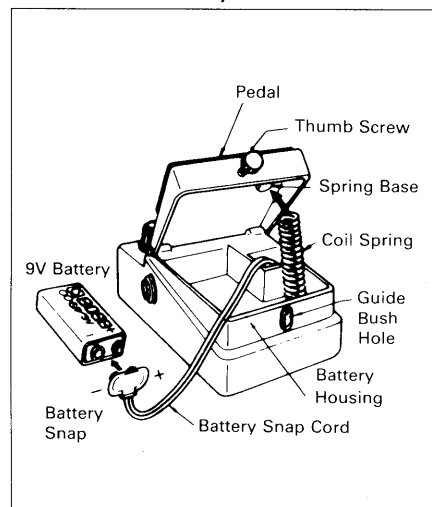
* Make sure that the polarity of the battery is correct.

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.

Use one 9-volt battery



For EU Countries
This product complies with the requirements of
European Directive 89/336/EEC.

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