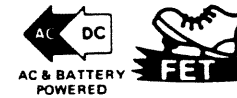
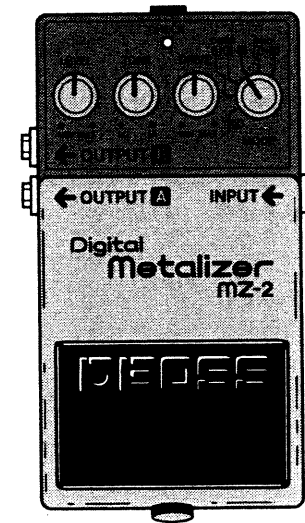


mZ-2
Digital
Metalizer

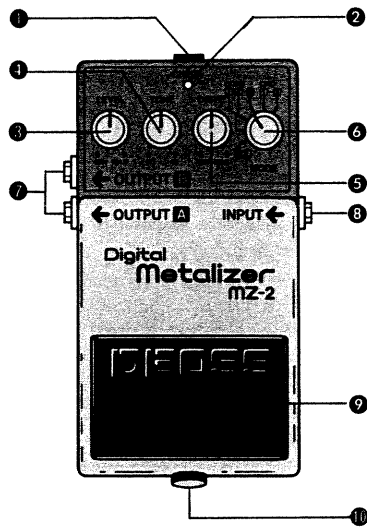
INSTRUCTIONS

Please read the instructions carefully.

- The BOSS MZ-2 is a new type distortion effect that includes high quality digital delay.
- The MZ-2 features six different distortion modes, therefore, it is possible to create even harder and more powerful distortion by adding doubling effect (digital delay) or chorus to hard distortion.
- The Drive and Tone Knobs serve to make wide variety of sounds.
- The two output system allows to create solid distortion sounds.



PANEL DESCRIPTION



1 AC Adaptor Jack

Connect an AC adaptor (BOSS PSA-120, 220 or 240) to this jack for long and secure operation from the mains.

* As the MZ-2 consumes more current than usual compact effect units, use the AC adaptor if possible.

2 Check Indicator

This lights up when the effect is turned on, and therefore can be used as an effect on/off indicator.

* This indicator also serves as battery check. When it becomes dimmer or does not light at all, battery replacement is required.

3 Level Knob

This adjusts the volume of the effect sound. Clockwise rotation raises the volume and counterclockwise rotation decreases.

4 Tone Knob

This adjusts the tone of the effect sound. As you rotate the knob clockwise, higher frequencies are emphasized, and counterclockwise cuts them.

5 Drive Knob

This adjusts the depth of the distortion effect. Rotating the knob clockwise increases the amount of distortion, and counterclockwise decreases.

6 Mode Selector Switch

This selects one of the six effect modes.

[SGL] Single Mode

Only the distortion circuits function.

[DOUB I-III] Doubling Modes I to III.

Short delay (Doubling effect) of digital delay is added to the distortion, creating fat sounds. If two amplifiers are used, spacious distortion is obtained owing to the two outputs. Delay time becomes longer from I to III.

[CHO I- II] Chorus Modes I and II.

Digital chorus is added to the distortion, creating fatter sounds. The depth of chorus is deeper in II mode.

7 Output Jacks A/B

Connect amplifiers to these jacks. For monaural output, use only the Output Jack A.

8 Input Jack

Connect an electronic musical instrument such as a guitar to this jack.

* Plugging in this jack will automatically switch the unit on. Be sure to disconnect the cord from this jack when the unit is not to be used.

9 Pedal Switch

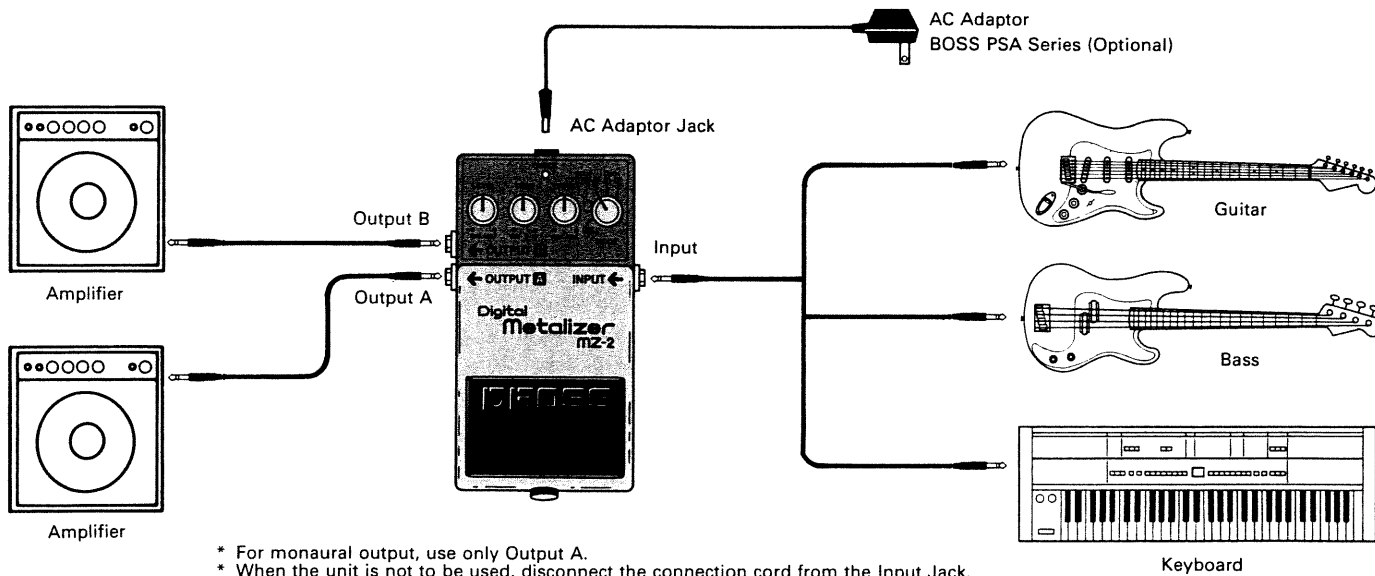
Effect can be turned on or off by pressing the pedal.

10 Thumb Screw

Loosen the screw to open the cover for battery replacement.

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

CONNECTION



* For monaural output, use only Output A.

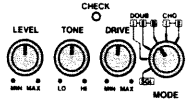
* When the unit is not to be used, disconnect the connection cord from the Input Jack.

CAUTIONS

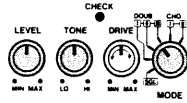
- If the battery voltage drops (the Check Indicator lights dimmer), various symptoms are shown, such as the effect becomes weak, no sound is produced, etc. To prevent that, replace the battery immediately.
- Use the BOSS alkaline battery if possible.
- When the unit is not to be used for a long period of time, remove the battery to prevent problems caused by battery leakage.
- Plugging in the Input Jack automatically turns the unit on, so disconnect the cord from the Input Jack when the unit is not in use.
- By muting circuit system, no effect works for about 5 seconds after the unit is turned on.

OPERATION

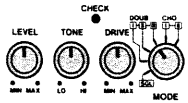
- ① Make all the necessary connections, then set the controls on the panel as shown below.



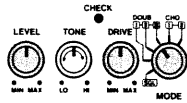
- ④ Adjust the depth of distortion with the Drive Knob.



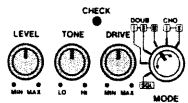
- ② Press the Pedal Switch and make sure that the Check Indicator lights up.



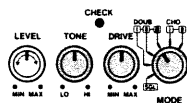
- ⑤ Adjust the tone of distortion with the Tone Knob.



- ③ Set the Mode Selector Switch to the desired position.

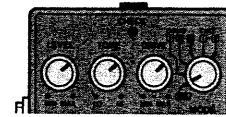


- ⑥ Adjust the volume of the distortion with the Level Knob.

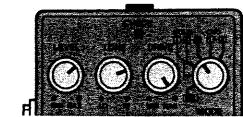


SETTING EXAMPLES

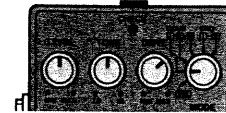
- ★ Straight distortion



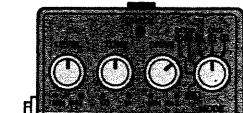
- ★ Slow ballad type distortion



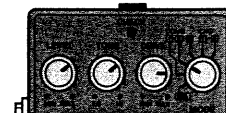
- ★ Fat distortion



- ★ Heavy metal backing type distortion



- ★ Heavy metal type distortion



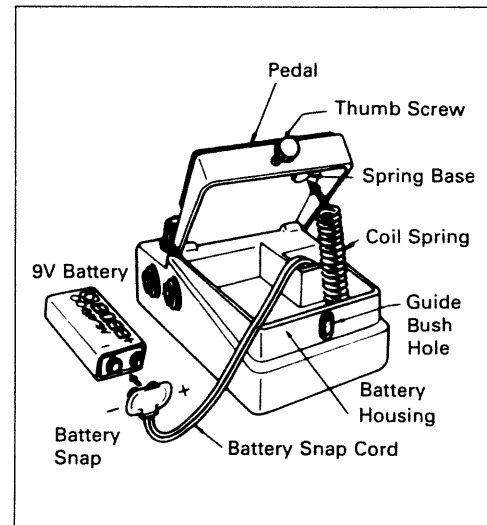
- ★ The fattest distortion



■ BATTERY REPLACEMENT

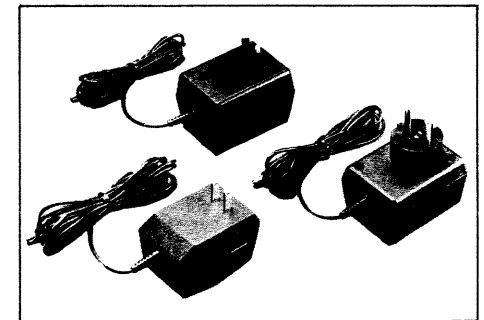
- ① Loosen the Screw of Pedal to open it.
- ② Take out the battery from the Battery Housing and disconnect the Battery Snap.
- ③ Replace with a new battery and connect the Battery Snap.
 - * Be sure that the polarity (+/-) is correct.
- ④ Put the Coil Spring to the Spring Base and close the Pedal.
 - * Make sure that the Battery Snap is not caught in the Pedal or Coil Spring.
- ⑤ Insert the screw into the Guide Bush Hole and firmly tighten the screw.

▷ USE ONE 9-VOLT BATTERY



■ AC ADAPTOR

- Be sure to use the AC Adaptor BOSS PSA-120, 220 or 240 depending on the line voltage system in your country.
- Do not use the same socket used for any noise generating or large power consuming device such as a motor, variable lighting system, etc.
- Connect the AC adaptor to the AC Adaptor Jack on the unit, then make sure that nothing is connected to the Input Jack, before connecting the power plug to the socket.
- Be sure to keep the battery securely connected even while using the AC adaptor, then the unit will continue to operate even if the AC adaptor cord comes out during performance.
- When the unit is not in use, disconnect the AC adaptor from the socket.



 Roland®

2603081700

UPC 2603081700



18981

■ SPECIFICATIONS

Power: 9VDC 006P × 1, AC Adaptor (PSA series)

Current Draw: 70mA

Controls: Drive, Tone, Level

Switches: Mode, Effect ON/OFF

Indicator: Effect ON/OFF (=Battery check)

Jacks: Input, Outputs A/B, AC Adaptor

Equivalent Input Noise: Less than -120dBm (IHF-A)

Input Impedance: 1MΩ

Output Load Impedance: More than 10kΩ

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

Weight: 450g / 1lb

*Specifications are subject to change without notice.

Bescheinigung des Herstellers/Importeurs

Hiermit wird bescheinigt, daß der/die/das

BOSS DIGITAL METALIZER MZ-2

(Gerät, Typ. Bezeichnung)

in Übereinstimmung mit den Bestimmungen der

Amtsbl. Vfg 1046 / 1984

(Amtsblattverfügung)

funk-erstört ist.

Der Deutschen Bundespost wurde das Inverkehrbringen dieses Gerätes angezeigt und die Berechtigung zur Überprüfung der Serie auf Einhaltung der Bestimmungen eingeräumt.

Roland Corporation Osaka/Japan

Name des Herstellers/Importeurs

RADIO AND TELEVISION INTERFERENCE

Warning – This equipment has been verified to comply with the limits for a Class B computing device, pursuant to Subpart J, of Part 15, of FCC rules. Operation with non-certified or non-verified equipment is likely to result in interference to radio and TV reception.

The equipment described in this manual generates and uses radio-frequency energy. If it is not installed and used properly, that is, in strict accordance with our instructions, it may cause interference with radio and television reception.

This equipment has been tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J, of Part 15, of FCC Rules. These rules are designed to provide reasonable protection against such a interference in a residential installation.

However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by the following measure:

- Disconnect other devices and their input/output cables one at a time. If the interference stops, it is caused by either the other device or its I/O cable.

These devices usually require Roland designated shielded I/O cables. For Roland devices, you can obtain the proper shielded cable from your dealer. For non Roland devices, contact the manufacturer or dealer for assistance.

If your equipment does cause interference to radio or television reception, you can try to correct the interference by using one or more of the following measures:

- Turn the TV or radio antenna until the interferences stops.
- Move the equipment to one side or the other of the TV or radio.
- Move the equipment farther away from the TV or radio.
- Plug the equipment into an outlet that is on a different circuit than the TV or radio. (That is, make certain the equipment and the radio or television set are on circuits controlled by different circuit breakers or fuses.)
- Consider installing a rooftop television antenna with coaxial cable lead-in between the antenna and TV.

If necessary, you should consult your dealer or an experienced radio/television technician for additional suggestions. You may find helpful the following booklet prepared by the Federal Communications Commission:

"How to Identify and Resolve Radio-TV Interference Problems"

This booklet is available from the U.S. Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-00345-4.