

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.

Panel Descriptions

DC IN jack
In addition to 9-volt battery operation, this unit can also operate on a 9-volt AC adaptor (PSA series; sold separately).
* Use only the specified AC adaptor (PSA series; sold separately), and connect it to an AC outlet of the correct voltage.
* If the AC adaptor is connected while a battery is installed, the power supply is drawn from the AC adaptor.

AC adaptor
(PSA series; sold separately)

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.
* The brightness of the CHECK indicator (LED) will dim as the battery lowers. Replace the battery when the LED is dim or does not light. For instructions, refer to "Changing the Battery."

[LEVEL] knob
This knob adjusts the volume of the effect sound.
* No sound will be heard when this knob is rotated completely counterclockwise.

[FUZZ] knob
Rotating the knob clockwise increases the gain and fuzz effect.
* If you set this knob too high, the noise will increase and oscillation may occur.

[TONE] knob
Adjusts the brightness of the effect sound. Turning the knob clockwise brightens the sound.

Mode switch
Switches the sound variation.

V (Vintage)	Reminiscent of the fuzz sounds of the 1960's, this is BOSS's original vintage fuzz sound.
M (Modern)	A fat yet smooth next-generation fuzz sound with high gain.

OUTPUT jack
Use this 1/4" output jack to connect to the input of your guitar amplifier or the input of additional effect unit.

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."

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 the plug connected to the INPUT jack.

Electric guitar

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 everything is properly connected, be sure to follow the procedure below to turn on their power. If you turn on equipment in the wrong order, you risk causing malfunction or equipment failure.

When powering up:	Turn on the power to your guitar amp last.
When powering down:	Turn off the power to your guitar amp first.

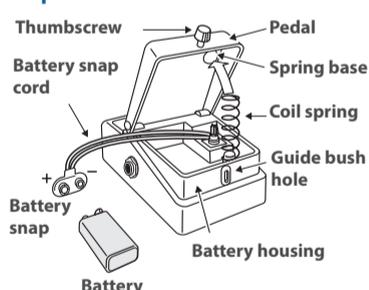
- Before turning the unit on/off, always be sure to turn the volume down. Even with the volume turned down, you might hear some sound when switching the unit on/off. However, this is normal and does not indicate a malfunction.
- Do not use connection cables that contain a built-in resistor.

Use of Battery

- The life of the included battery may be limited as its primary purpose was for testing during assembly.
- 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.
- If the batteries run extremely low, the sound may distort, but this does not indicate a malfunction. If this occurs, please replace the batteries or use the AC adaptor (sold separately).
- Batteries should always be installed or replaced before connecting any other devices. This way, you can prevent malfunction and damage.

Changing the Battery

- Hold down the pedal and loosen the thumbscrew, then open the pedal upward.



* The pedal can be opened without detaching the thumbscrew completely.

- Remove the old battery from the battery housing, and remove the snap cord connected to it.

- 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 -).

- 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.

- Finally, hold down the pedal while tightening the thumbscrew into the guide bush hole.

Main Specifications

Nominal Input Level	-20 dBu
Input Impedance	1 MΩ (effect off) 22 kΩ (effect on)
Nominal Output Level	-20 dBu
Output Impedance	1 kΩ
Recommended Load Impedance	10 kΩ or greater
Power Supply	Alkaline battery (9 V, 6LR61 or 6LF22) or Carbon-zinc battery (9 V, 6F22) AC adaptor (PSA series; sold separately)
Current Draw	16 mA Expected battery life under continuous use (These figures will vary depending on the actual conditions of use.) Alkaline: Approx. 33 hours Carbon: Approx. 14 hours
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 (including battery)	430 g 1 lb
Accessories	Leaflet "USING THE UNIT SAFELY" Alkaline battery (9 V, 6LR61 or 6LF22)
Option (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.

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