

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

- Overdrive and distortion have been combined into one compact effects unit.
- You are provided with a wealth of new sound creation possibilities as a result of the mixture of overdriven and distorted sounds.
- The unit equipped with a COLOR knob which allows you to adjust at will the respective portions included in the sound mixture.
- A overdrive that really sounds like it comes from a large-scale tube amp is created as a result of the unique BOSS "Asymmetrical Overdrive Circuitry" that is incorporated in the unit.

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. Clockwise rotation raises the volume and counterclockwise rotation decreases.

**TONE knob**

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

**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.

**DRIVE knob**

This adjusts the degree to which the overdrive/distortion is applied. Turning this knob clockwise rotation increases the distortion, producing a more intense sound. Turning it counterclockwise rotation decreases the distortion.

**COLOR knob**

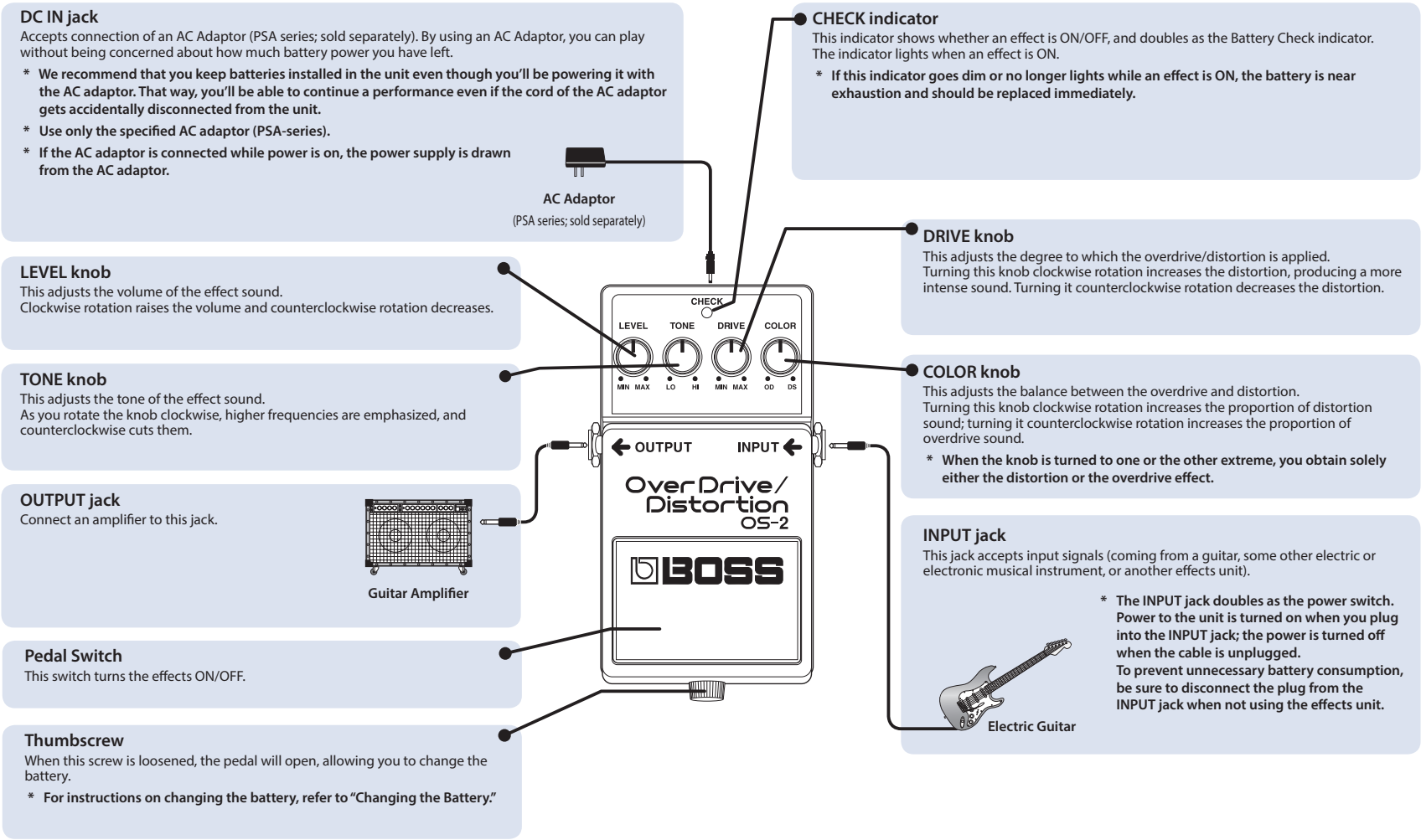
This adjusts the balance between the overdrive and distortion. Turning this knob clockwise rotation increases the proportion of distortion sound; turning it counterclockwise rotation increases the proportion of overdrive sound.

- \* When the knob is turned to one or the other extreme, you obtain solely either the distortion or the overdrive effect.

**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.



IPrecautions When Connecting

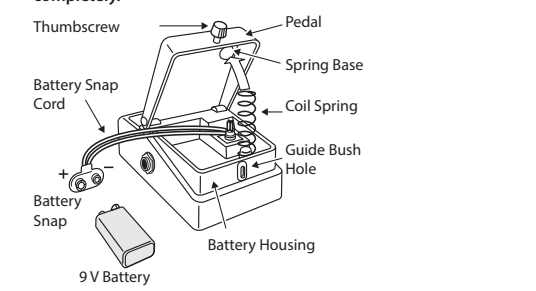
- To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.
  - Once the connections have been completed, turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing 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 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

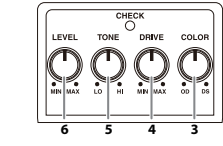
1. Hold down the pedal and loosen the thumbscrew, then open the pedal upward.
  - \* The pedal can be opened without detaching the thumbscrew completely.
  2. Remove the old battery from the battery housing, and remove the snap cord connected to it.
  3. Connect the snap cord to the new battery, and 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.

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	Carbon-zinc battery (9 V, 6F22) or Alkaline battery (9 V, 6LR61) AC adaptor (PSA series; sold separately)
Current Draw	12 mA <ul style="list-style-type: none"><li>* Expected battery life under continuous use: Carbon: 33.5 hours Alkaline: 55 hours These figures will vary depending on the actual conditions of use.</li></ul>
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	Leaflet ("USING THE UNIT SAFELY," "IMPORTANT NOTES," and "Information") Carbon-zinc battery (9 V, 6F22)
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. Press the Pedal Switch and make sure that the CHECK indicator lights up.
3. Using the COLOR knob adjust the balance between the distortion and the overdrive.

When turned clockwise, the distorted sound proportion is increased. When turned counterclockwise, the overdriven sound proportion is increased. When the knob is turned to the other extreme, you obtain solely either the distortion or the overdrive effect.
4. Using the DRIVE knob adjust the degree to which the effect is to be applied.

The further it is moved clockwise, the greater the distortion becomes.
5. Using the TONE knob, adjust the tone of the sound heard when the effect is on.

The further it is moved clockwise, the more the upper range is enhanced, and the sharper the sound becomes.
6. Using the LEVEL knob, adjust the volume of what is heard when the effect is on.

It should be adjust so there is no difference in volume between when the effect is on and when it is off.