



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

World's first octave pedal equipped with a "polyphonic octave" function capable of polyphonic input, freeing guitarists from the limitations of performing with monophonic input. Features OC-2 mode for compatibility with that widely popular octave pedal. In addition to single octave capabilities, this unit also allows you to blend in sounds two octaves below the original sound. Includes a "Drive mode" for creating wild octave effects in addition to adding distortion to sounds. Equipped with a BASS IN jack for octave effects especially suited for basses. Plug into the BASS IN jack, and the OC-3's internal processing switches to the optimal conditions for use with basses. "DIRECT OUT" enables separate output of the direct and octave sounds.

## 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.

- \* As soon as you connect the AC adaptor, the unit is turned on.
- \* Use only the specified AC adaptor (PSA-Series).
- \* Use only the specified AC adaptor (PSA series; sold separately), and connect it to an AC outlet of the correct voltage. Do not use any other AC adaptor, since this may cause malfunction.
- \* 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.

AC Adaptor  
(PSA series; sold separately)

### CHECK Indicator

This indicator shows whether an effect is ON/OFF, and also 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. For instructions on changing the battery, refer to "Changing the Battery."
- \* 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.

- \* 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.

### DIRECT LEVEL Knob

This adjusts the volume of the direct sound. Turn the knob to the right (clockwise) to increase the direct sound. This adjusts the total volume level when the MODE knob is set to DRIVE.

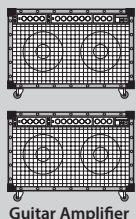
### OCT1 LEVEL (-1 octave level) Knob

This adjusts the level of the sound one octave below the original. The volume of the sound one octave down increases as the knob is turned to the right.

### DIRECT OUT Jack, OUTPUT (MONO) Jack

The output jacks are used to connect the unit to an amplifier or another effects unit.

- \* Output may vary according to the connections. Refer to "Outputting the Direct Sound and Octave Sound Separately."



Guitar Amplifier

### Pedal Switch

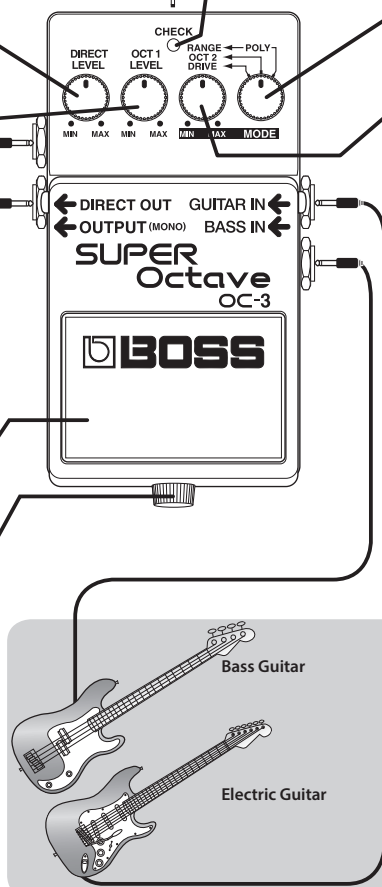
Used for switching effects on/off.

### 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."

- \* To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.



### MODE Knob

This switches the octave effect. Changing this knob's settings changes the function of the CONTROL knob.

### CONTROL Knob

This knob's function changes according to the mode set with the MODE knob.

MODE	CONTROL	Explanation
POLY	RANGE	Enables polyphonic input. This mode creates a more stable octave sound than available in other modes. This adjusts the range in which the octave effect is applied. The effect extends into higher frequencies as the knob is turned to the right; turning the knob to the left limits the effect to lower frequencies.
POLY	OCT2 (-2 Octave Level)	In addition to providing sounds one octave below the original input, this also allows you to output sounds lowered by two octaves. This adjusts the level of the sound two octaves below the original. The volume of the sound two octaves down increases as the knob is turned to the right.
DRIVE	DRIVE	Adds distortion to the direct sound and octave sound. Turning the knob to the right intensifies the distortion.

- \* Only the octave sound is distorted when a plug is connected to DIRECT OUT.

### GUITAR IN Jack, BASS IN Jack

These jacks accept input signals (coming from a guitar, a bass, some other musical instrument, or another effects unit).

- \* The unit's functions differ according to how it is connected.
- \* When running the unit on battery power, the GUITAR IN and BASS IN jacks double as power switches. Power to the unit is turned on when you plug into the GUITAR IN or BASS IN jack; the power is turned off when the cable is unplugged. Be sure to disconnect any cord plugged into the GUITAR IN or BASS IN jack when not using this effects device. When the AC adaptor is used, the power remains on at all times, and this function is disabled.

## Notes Concerning Use of the OC-3

Please observe the following points to enjoy stable operation of the OC-3.

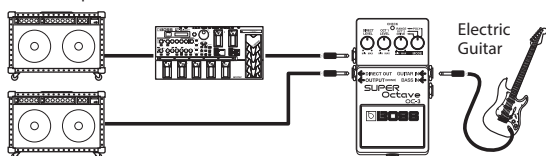
- Except when set to POLY mode, the OC-3 is a monophonic-input effects processor. Take care not to play chords with monophonic input. In addition, if playing a note while another note is currently being played, be sure to completely mute the previous note before playing the subsequent note.
- Connect the OC-3 directly to the guitar or bass output. Furthermore, simultaneously using a compressor or limiter with the OC-3 provides even more stable performance. In such setups, connect the OC-3 to the output of the compressor or limiter.
- Turn down the guitar or bass tone when playing in the lower registers or if the OC-3 is outputting sounds incorrectly.
- Switching to the guitar or bass's front pickup (the pickup closest to the instrument's neck) is recommended for performances using the OC-3. Additionally, humbucking pickups provide more stable operation than single-coil pickups.
- When the OC-3 is used in POLY mode, the volume of the octave sound starts to drop above the 5th fret of the 1st string when used with guitars (when connected to GUITAR IN), and above the 14th fret of the 1st string when used with basses (when connected to BASS IN). We recommend using OCT2 mode if such high registers are to be used extensively.
- Using the OC-3 in POLY mode provides a more stable octave sound than in other modes.
- Note that no octave sound is produced if the DIRECT LEVEL knob or OCT1 LEVEL knob is set to MIN when using the OC-3 in DRIVE mode.
- Note that little or no octave sound is output if the OCT1 LEVEL knob or CONTROL knob is set to MIN when using the OC-3 in POLY mode.

## Outputting the Direct Sound and Octave Sound Separately

When you connect a plug to DIRECT OUT, only the direct sound is output from the DIRECT OUT jack, and only the octave sound is output from the OUTPUT (MONO) jack. This allows you to add effects separately to the direct sound and the octave sound.

- \* In this case, sounds are output only from the DIRECT OUT jack when the effect is switched off.

Guitar Amplifier Multi Effector etc.



When the OC-3 is in DRIVE mode while DIRECT OUT is connected, the direct sound (without the distortion applied) is output from DIRECT OUT. Taking sounds with effects added using a multi-effects processor or other such device and the sounds in DRIVE mode and playing them through multiple amps allows you to produce an extremely low sound with greater separation. In such settings, the DIRECT LEVEL knob adjusts the direct sound level.

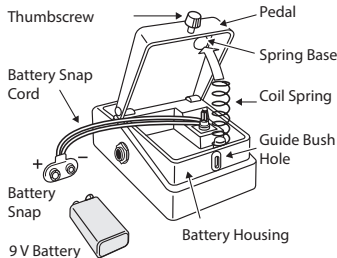
## Use of Battery

- \* 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 operating this unit on batteries, please use alkaline batteries.
- \* 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 -).

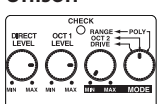
4. Slip the coil spring onto the spring base on the back of the pedal, and then close the pedal.

- \* Carefully avoid getting the snap cord caught in the pedal, coil spring, and battery housing.

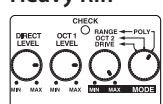
5. Finally, insert the thumbscrew into the guide bush hole and fasten it securely.

## Setting Samples

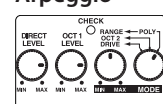
### Unison



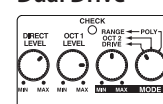
### Heavy Riff



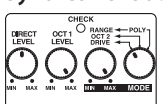
### Arpeggio



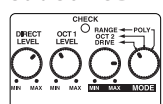
### Dual Drive



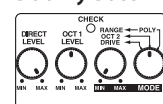
### Synthesizer Sound



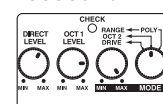
### Sub Sonic Drive



### Boomy Bass



### Fat Sound



## Main Specifications

BOSS OC-3: SUPER Octave

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	DC 9V: Dry battery 6LR61 (9V) type (alkaline), Dry battery 6F22 (9V) type (carbon) AC Adaptor (PSA-series: optional)
Current Draw	50 mA (DC 9V) * Expected battery life under continuous use: Carbon: 2 hours, Alkaline: 6 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	440 g / 1 lb (including battery)
Accessories	Owner's Manual Leaflet ("USING THE UNIT SAFELY," "IMPORTANT NOTES," and "Information") Dry battery/9V type (6F22) * The battery that was supplied with the unit is for temporary use intended primarily for testing its operation. We also suggest replacing this with an alkaline dry cell.
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.