

ODB-3 Bass OverDrive

Owner's Manual



AC & BATTERY
POWERED



BOSS

Thank you, and congratulations on your choice of BOSS ODB-3 Bass OverDrive.

Before using this unit, carefully read the sections entitled: "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (separate sheet). These sections provide important information concerning the proper operation of the unit. Additionally, in order to feel assured that you have gained a good grasp of every feature provided by your new unit, this manual should be read in its entirety. The manual should be saved and kept on hand as a convenient reference.

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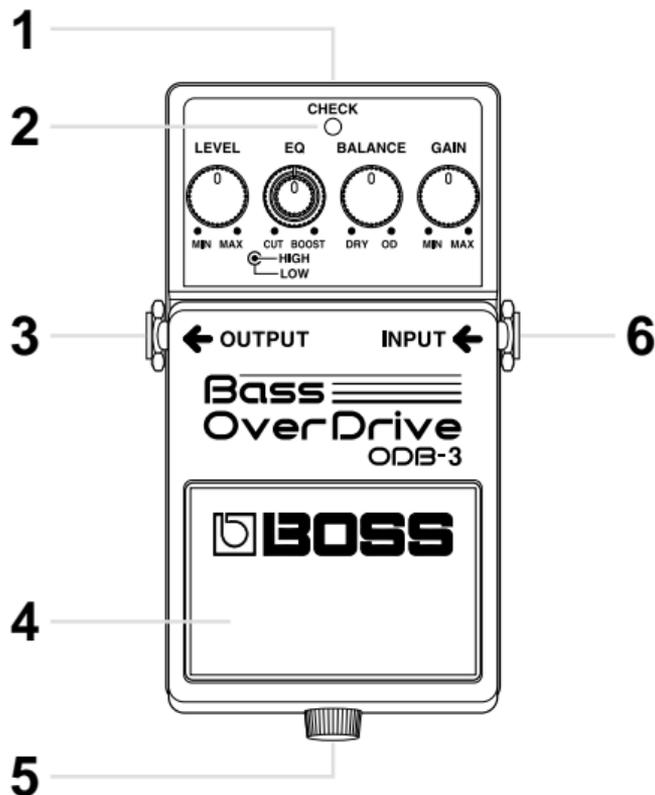
FEATURES

The ODB-3 overdrive unit + designed specifically for electric bass guitar + creates solid, chest-resonating distortion!

Using the BALANCE Knob, you can adjust the balance between the Dry and Overdrive sounds. This capability gives you complete control of your sound, from soft and warm to hard and bright.

A 2-band equalizer allows you to control bass and treble frequencies independently.

PANEL DESCRIPTIONS



1. AC Adaptor Jack

Accepts connection of an AC Adaptor (optionally available BOSS PSA-Series). By using an AC Adaptor, you can play without being concerned about how much battery power you have left.

** You may find that it is a good idea to keep a battery installed in the unit even while using an adaptor. That way your playing won't be disrupted even if the adaptor is accidentally disconnected.*

** If you are going to use an AC adaptor, be sure to use the specified unit (BOSS PSA-Series). Use of any other adaptor may result in damage, malfunction or electric shock. Also, if you are not going to be using it for an extended period of time, disconnect the AC adaptor from the AC outlet.*

2. 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.

3. OUTPUT Jack

The output jacks are used to connect the unit to amplifiers or other devices.

4. Pedal Switch

This switch turns the effects ON/OFF.

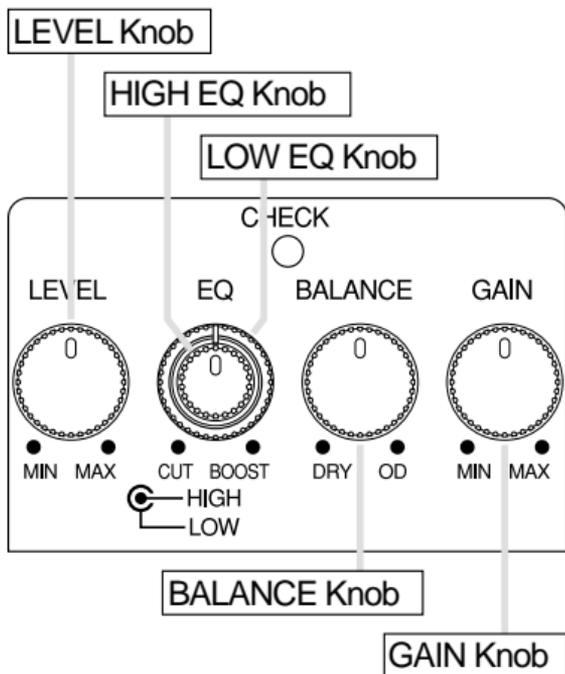
5. Thumbscrew

This thumbscrew is loosened to open the pedal, allowing battery replacement. For instructions on how to replace the battery, please refer to “Changing the Battery.”

6. 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 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 any cord connected to the INPUT jack.*



LEVEL Knob

This knob adjusts the level of the effect sounds. Set the knob so there is no volume difference between the effect and straight guitar sounds.

HIGH EQ Knob

Use this knob to boost or cut higher frequencies; clockwise rotation boosts the higher frequencies.

LOW EQ Knob

Use this knob to boost or cut lower frequencies; clockwise rotation boosts the lower frequencies.

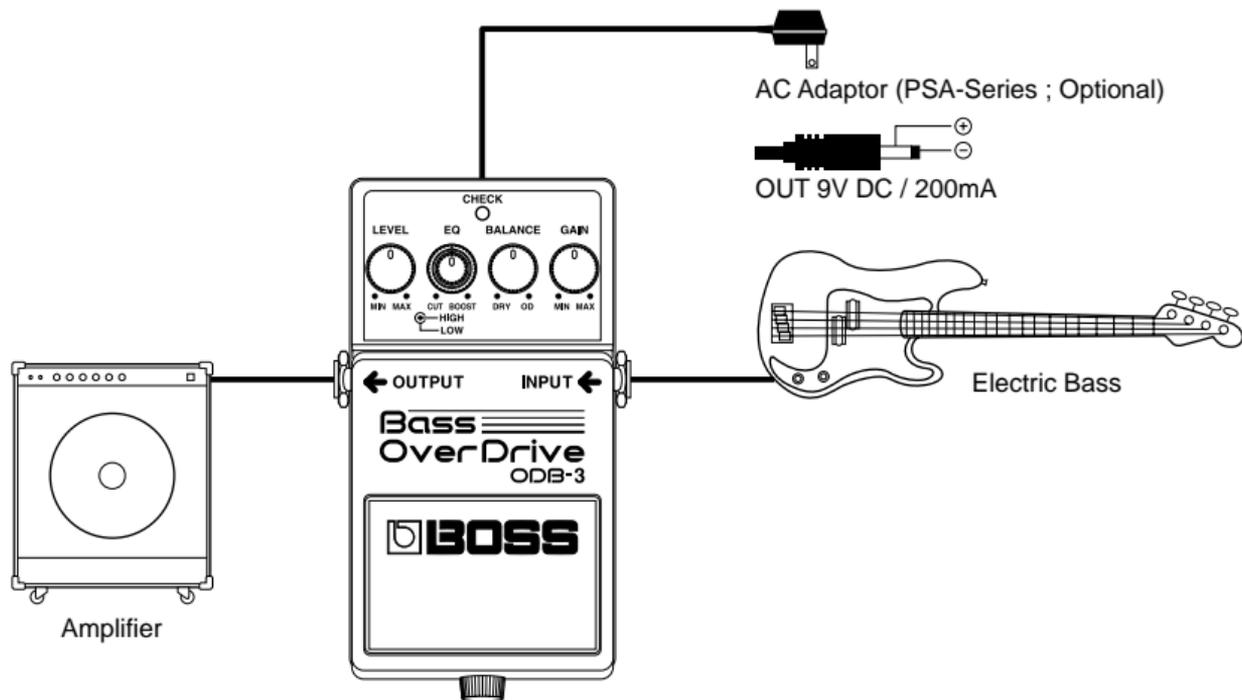
BALANCE Knob

This knob controls the output balance between Dry (straight) and Overdrive sounds. Counterclockwise rotation increases the Dry sound, while clockwise rotation increases the level of Overdrive sounds. When rotated fully counterclockwise (or clockwise), only the Dry (or Overdrive) sound will be obtained.

GAIN Knob

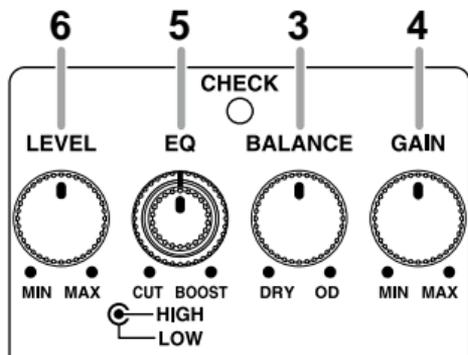
This knob adjusts the gain of the Dry or Overdrive sound. When you are using Dry sounds, this knob can adjust the amount of boost without distorting the sound. When you are using Overdrive sounds, the GAIN knob adjusts the depth of the distortion. Clockwise rotation increases the gain.

MAKING THE CONNECTIONS



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

OPERATING THE UNIT



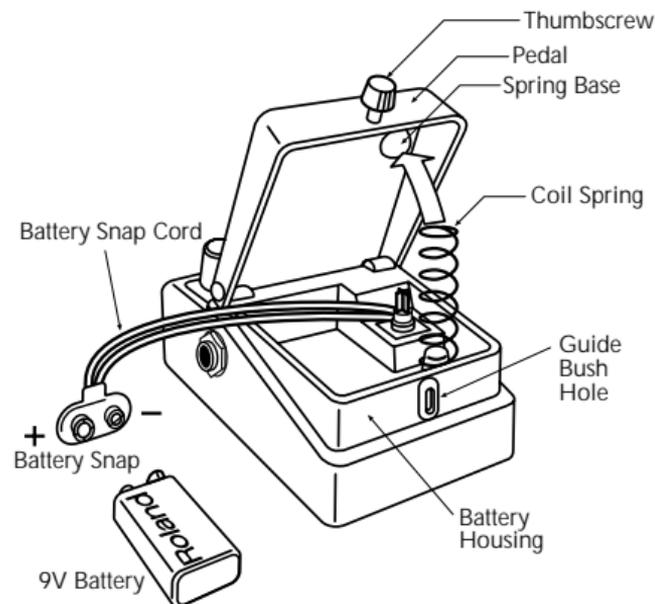
1. When you have made the necessary connections, set the knobs as shown in the illustration.
2. Depress the pedal switch to turn the effect on. (Make sure that the CHECK Indicator lights.)

3. Adjust the output balance between the Dry and Overdrive sounds using the BALANCE Knob.
4. Adjust the gain of the Dry or Overdrive sound using the GAIN Knob.
5. Adjust the tone using the HIGH and LOW EQ Knobs.
6. Adjust the LEVEL Knob so there will be no volume difference between the effect and straight bass sounds.

CHANGING THE BATTERY

When the indicator goes dim or no longer lights while an effect is on, it means that the battery is nearly dead and must be replaced.

Replace the battery following the steps below.



1. Loosen the thumbscrew at the front of the pedal, then lift the pedal upwards to open the unit.

** The thumbscrew can be left in the pedal while changing the battery.*

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 -).*

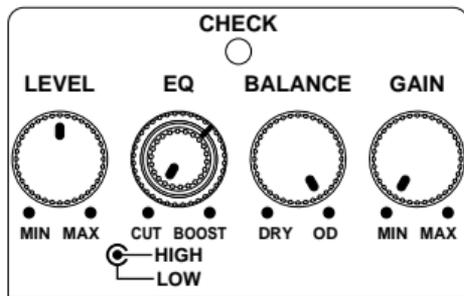
4. Slip the coil spring onto the spring base on the back of the pedal, then close the pedal.

** Carefully avoid getting the snap cord caught in the coil spring.*

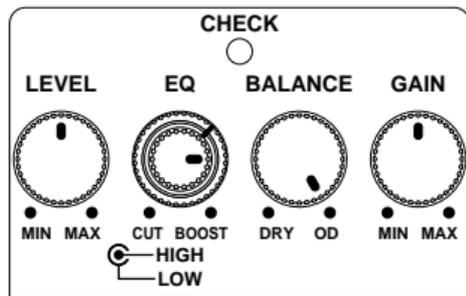
5. Finally, insert the thumbscrew into the guide bush hole and fasten it securely.

SAMPLE SETTINGS

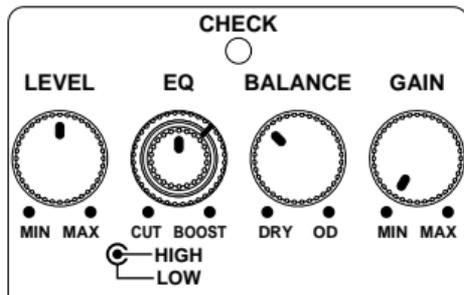
Natural OverDrive



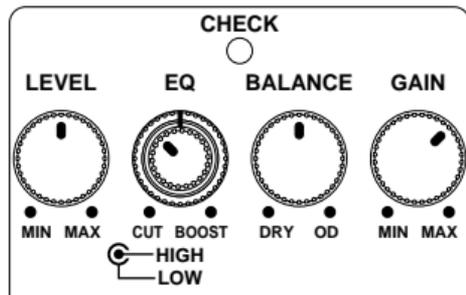
Fuzz Sound



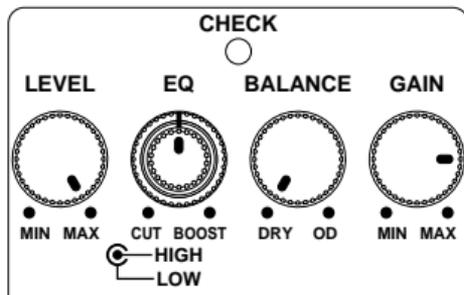
Driven Slapping Play



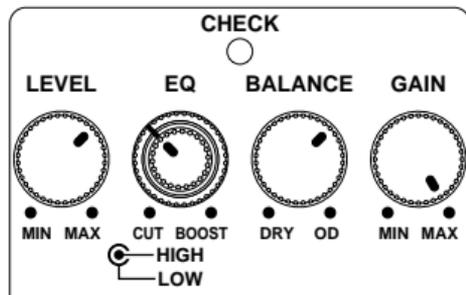
Picking Riff



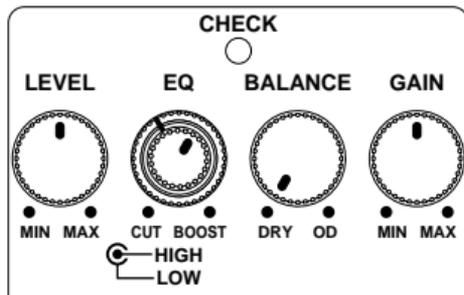
Booster



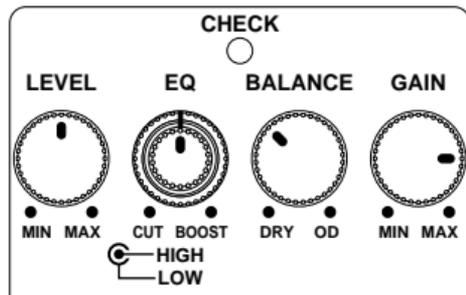
HeavyDrive



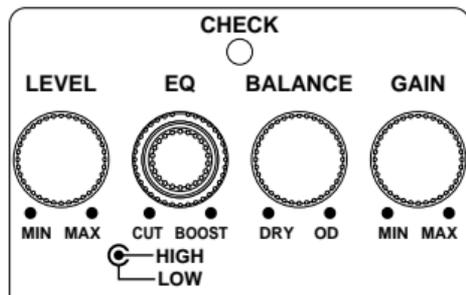
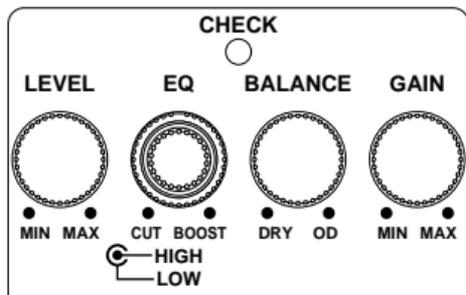
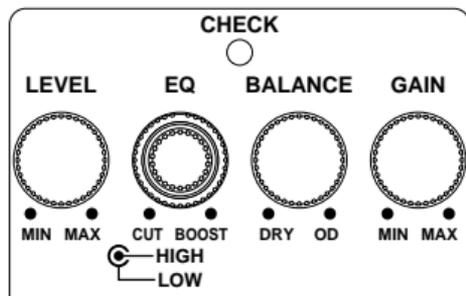
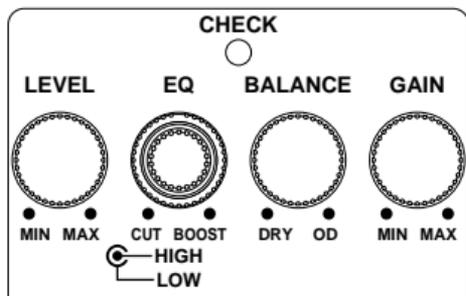
Slapping Play



Solo Play



SETTING MEMO



SPECIFICATIONS

ODB-3: Bass OverDrive

| | |
|-----------------------------------|--|
| Nominal Input Level | -20 dBu |
| Input Impedance | 1 M Ω |
| Nominal Output Level | -20 dBu |
| Output Impedance | 1 k Ω |
| Equivalent Input Noise Level | -110 dBu (IHF-A, Typ.) |
| Controls | Pedal Switch LEVEL Knob HIGH EQ Knob LOW EQ Knob BALANCE Knob GAIN Knob |
| Indicator | CHECK Indicator (serves also as battery check indicator) |
| Connectors | INPUT Jack OUTPUT Jack AC Adaptor Jack (DC 9 V) |
| Power Supply | DC 9 V: Dry Battery 9 V type(6F22/9 V), AC Adaptor |
| Current Draw | 15 mA (DC 9 V) |

** Expected battery life under continuous use :*

Carbon : 26 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 | 420 g / 15 oz (including battery) |
| Accessories | Owner's Manual Dry Battery 9 V type (6F22/9 V) Leaflet ("USING THE UNIT SAFELY," "IMPORTANT NOTES," and "Information") |
| Options | AC Adaptor PSA-Series |

* $0 \text{ dBu} = 0.775 \text{ V rms}$

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



For EU Countries

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

 **BOSS**

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