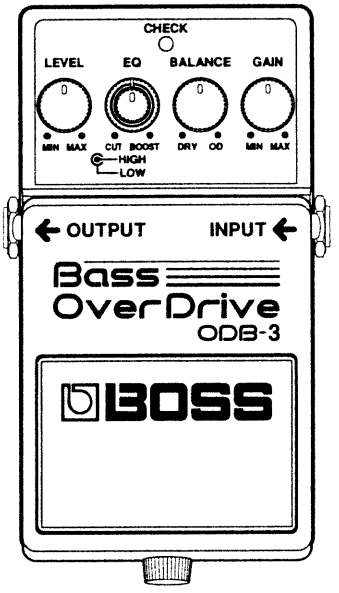
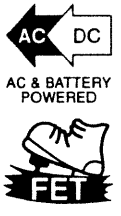
ODB-3 Bass OverDrive

Owner's Manual





BOSS

Thank you, and congratulations on your choice of BOSS ODB-3 Bass OverDrive.
To ensure proper operation, and years of trouble-free service, please take the time to read through this Owner's Manual before starting out.

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.

IMPORTANT NOTES

When using an AC adaptor, use only the specified device (PSA Series). Use of any other AC adaptor could result in damage, malfunction or electric shock.

POWER SUPPLY

The power requirement for this unit is indicated on its nameplate (rear panel). Ensure that the voltage in your installation meets this requirement.

If the unit is to remain unused for an extended period of time, unplug the power cord.

PLACEMENT

Do not subject the unit to temperature extremes (eg., direct sunlight in an enclosed vehicle). Avoid using or storing the unit in dusty or humid areas, or areas that are subject to high levels of vibration.

ADDITIONAL PRECAUTIONS

Protect the unit from strong impact.

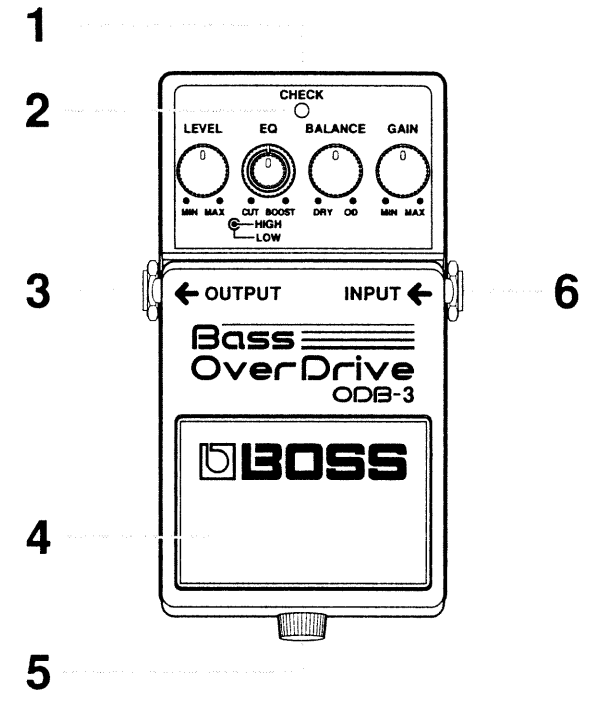
Should a malfunction occur, or if you suspect there is a problem, discontinue use immediately. Contact qualified service personnel as soon as possible.

To avoid the risk of electric shock, do not open the unit.

CHANGING BATTERY

Remove the battery whenever the unit is to remain unused for an extended period of time.

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.

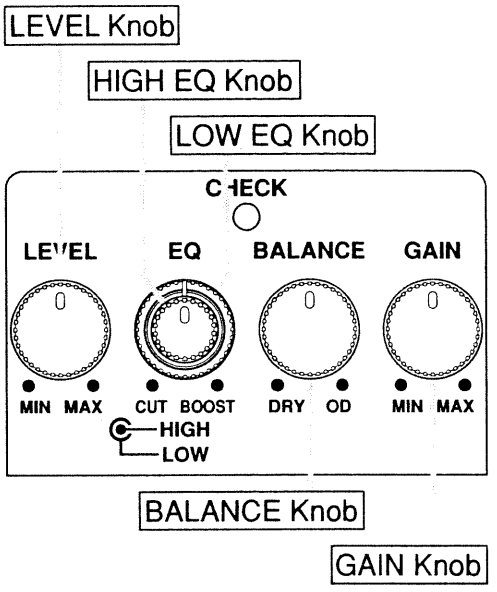
5. Thumbscrew

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.

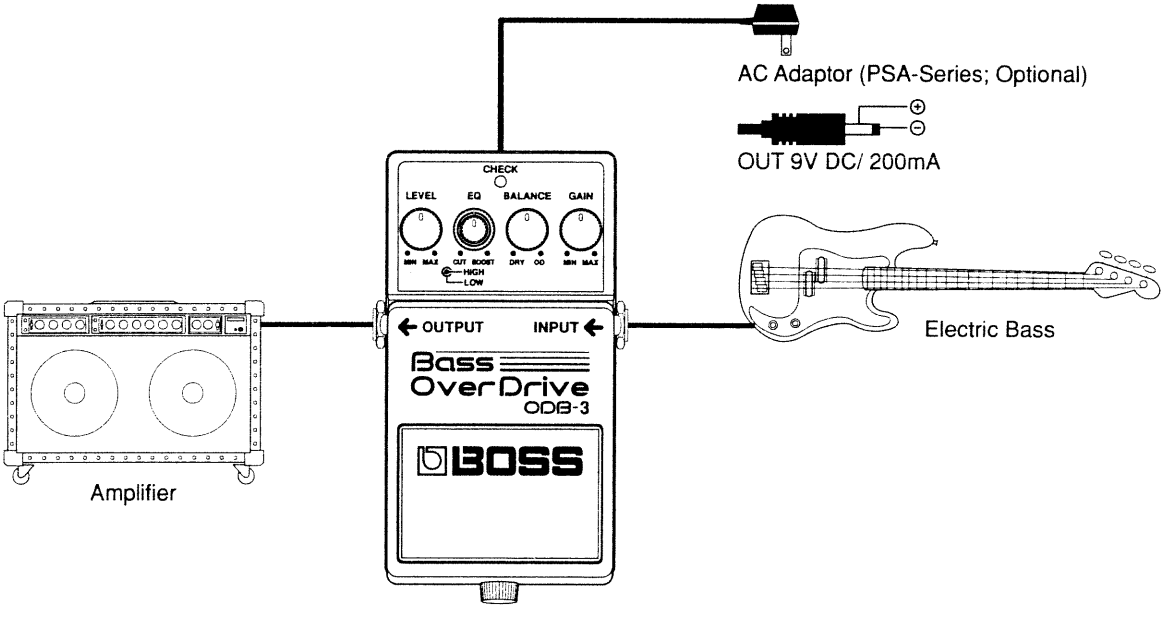
BALANCE Knob

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

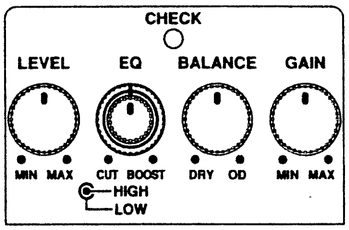


** Inserting a plug into the Input Jack will automatically switch the unit on.*

** Before connecting or disconnecting any patch cords, be sure all the volume controls in your system are set to minimum. This will help prevent any damage to system components.*

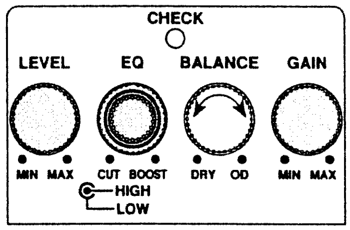
OPERATING THE UNIT

1. When you have made the necessary connections, set the knobs as shown in the illustration.

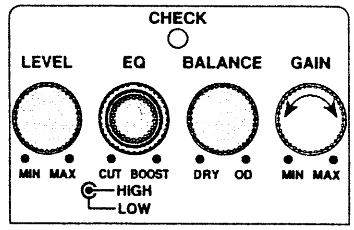


2. Depress the pedal switch to turn the effect on. (Make sure that the CHECK Indicator lights.)

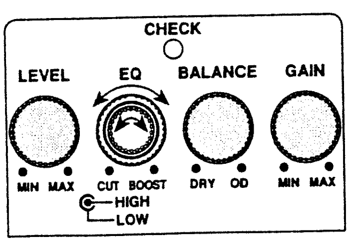
3. Adjust the output balance between the Dry and Overdrive sounds using the BALANCE Knob.



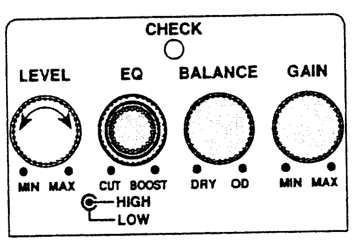
4. Adjust the gain of the Dry or Overdrive sound using the GAIN Knob.



5. Adjust the tone using the HIGH and LOW EQ Knobs.

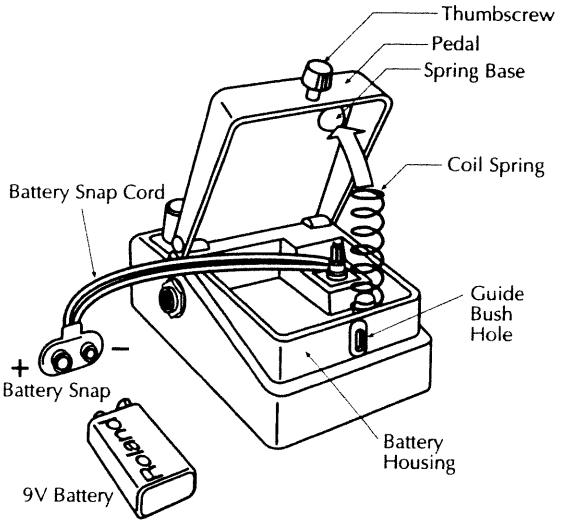


6. Adjust the LEVEL Knob so there will be no volume difference between the effect and straight bass sounds.



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 -).***

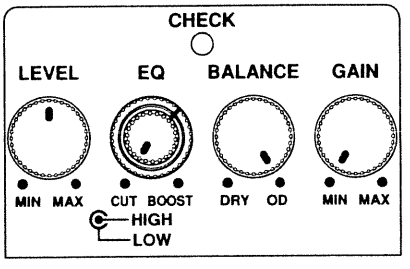
4. Slip the coil spring onto the spring base on the back of the pedal, then close the pedal.

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

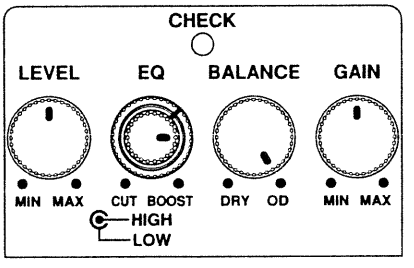
5. Finally, insert the thumbscrew into the guide bush hole and fasten it securely.

SAMPLE SETTINGS

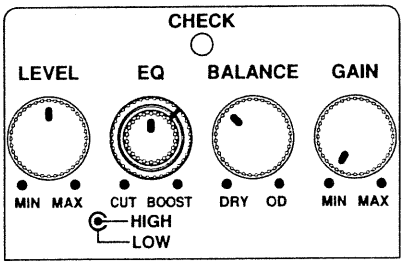
Natural OverDrive



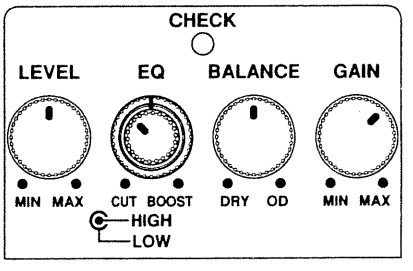
Fuzz Sound



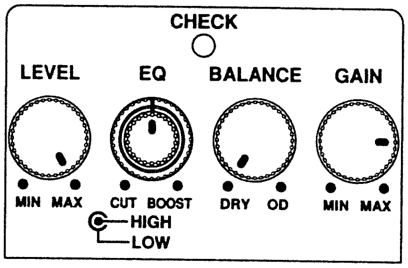
Drived Slapping Play



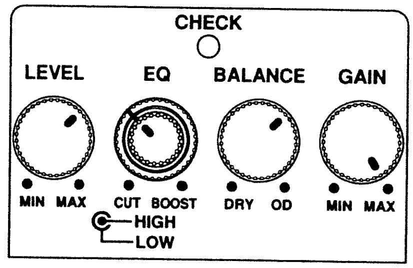
Picking Riff



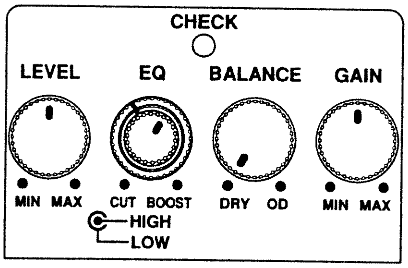
Booster



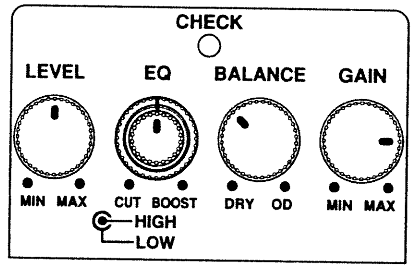
HeavyDrive



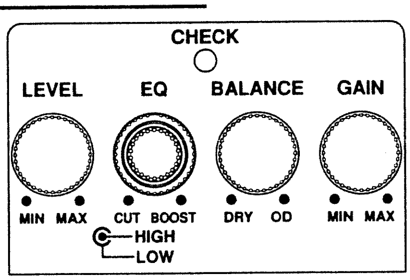
Slapping Play

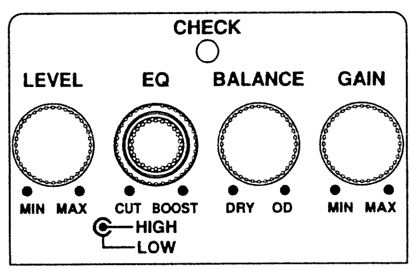


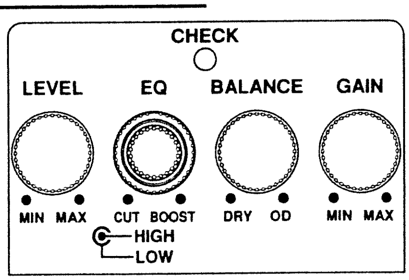
Solo Play

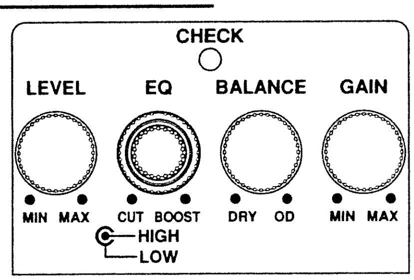


SETTING MEMO









SPECIFICATIONS

ODB-3: Bass OverDrive

Nominal Input Level ..... -20 dBm
Input Impedance ..... 1 MΩ
Nominal Output Level ..... -20 dBm
Output Impedance ..... 1 kΩ
Equivalent Input Noise Level ... -110 dBm (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(9 V DC)
Power Supply ..... 9 V DC: Dry Battery 9 V type(6F22/9 V), AC Adaptor
Current Draw ..... 15 mA (9 V DC)
**** Expected battery life under continuous use:***
Carbon: 26 hours
These figures will vary depending on the actual conditions of use.

Dimensions ..... 70(W) x 125(D) x 55(H) mm
2-3/4(W) x 4-15/16(D) x 2-3/16(H) inches
Weight ..... 420 g / 15 oz(including battery)
Accessories ..... Owner's Manual, Dry Battery 9 V type(6F22/9 V)
Options ..... AC Adaptor PSA-Series

**** 0 dBm = 0.775 V rms***
**** In the interest of product development, the specifications and/or appearance fo this uit are subject to change without prior notice.***

BOSS

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