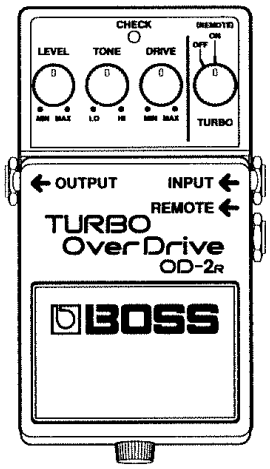
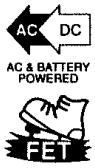
OD-2R TURBO OverDrive

Owner's Manual





BOSS

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Thank you, and congratulations on your choice of BOSS OD-2R TURBO 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 OD-2R is an overdrive unit that can transform an ordinary electric guitar into a snarling, fire-breathing beast!

By rotating the TURBO Knob, you can create a wide variety of distortion sounds, from slightly gritty to heavy-metal stun effects!

When the TURBO circuit is active, the OD-2R can also create amazing feedback effects.

By connecting an optional footswitch (BOSS FS-5L) to the unit's REMOTE jack, you can turn the TURBO effect on and off with your foot, leaving your hands free.

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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.

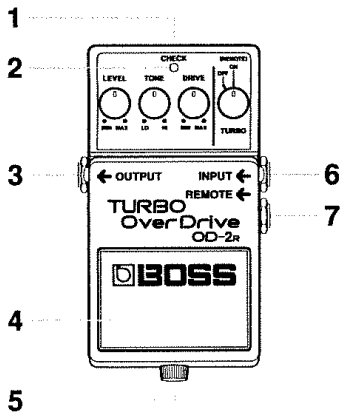
Should a malfunction occur, or if you suspect there is a problem, discontinue use immediately. Contact qualified service personnel as soon as possible.

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).

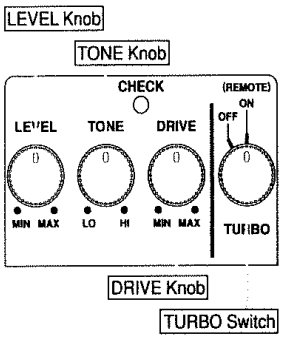
- ***The INPUT jack also serves as the power switch. Power is turned on whenever a plug is inserted into the INPUT jack, and is turned off when the plug is disconnected. When not using the unit, you should disconnect any cord connected to the INPUT jack.***

7. REMOTE Jack

Connect an optional BOSS footswitch (FS-5L) to this jack and you can switch the TURBO effect on and off using the pedal.

- ***When using the pedal to turn the TURBO effect on and off, set the TURBO Switch on the panel to "ON (REMOTE)".***

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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.

** When this knob is rotated completely counterclockwise, no sound is heard.*

TONE Knob

This knob controls the tone of the distortion sounds; rotating the knob clockwise boosts higher frequencies, while rotating it counterclockwise cuts higher frequencies.

DRIVE Knob

This knob adjusts the depth of the distortion sounds; rotating the knob clockwise makes the distortion deeper and the sustain longer.

TURBO Switch

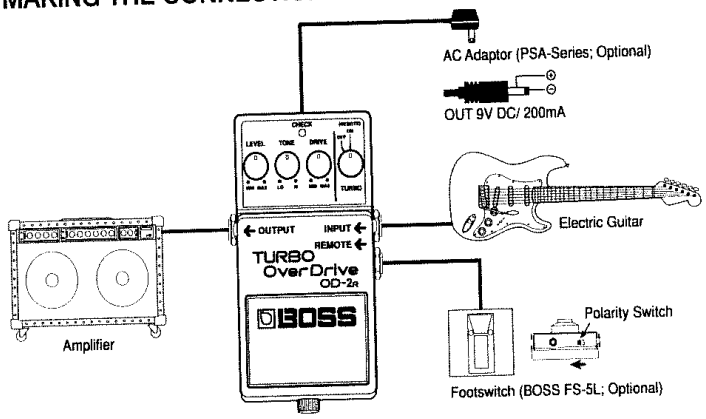
This switch turns the TURBO effect on and off.

TURBO On : The overdrive sounds are full and powerful.

TURBO Off : Just a hint of overdrive is present, creating sounds with a slight edge.

**** The TURBO effect can be turned on and off via foot control when an optional pedal switch is connected to the REMOTE jack. When using a pedal to turn the TURBO effect on and off, set the TURBO Switch on the panel to the "ON (REMOTE)" position.***

MAKING THE CONNECTIONS



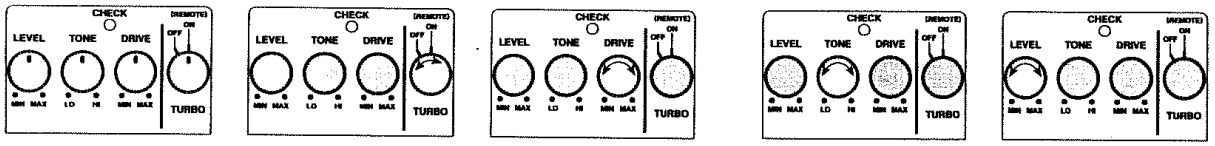
** Inserting a plug into the Input Jack will automatically switch the unit on.*

** 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.*

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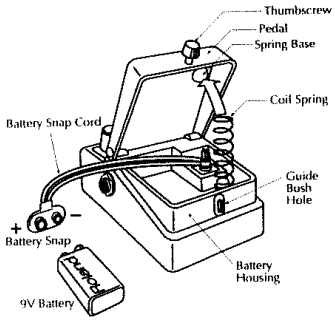
OPERATING THE UNIT

1. When you have made the necessary connections, set the knobs of the unit as shown in the illustration.
2. Depress the pedal switch to turn the effect on. (Make sure that the CHECK indicator lights.)
3. Turn the TURBO effect on/off with the TURBO Switch.
4. Adjust the overdrive depth with the DRIVE Knob.
5. Adjust the overdrive sound using the TONE Knob.
6. Adjust the LEVEL Knob so there will be no difference in volume between the effect and straight guitar sounds.



CHANGING THE BATTERY

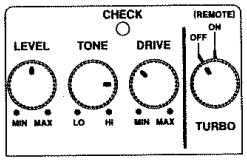
When the indicator goes dim or no longer lights while an effect is on, it means that the battery is nearly dead and must be replaced.
Replace the battery following the steps below.



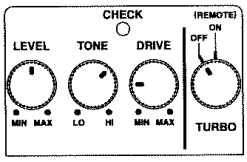
1. Loosen the thumbscrew at the front of the pedal, then lift the pedal upwards to open the unit.
   * ***The thumbscrew can be left in the pedal while changing the battery.***
2. Remove the old battery from the battery housing, and remove the snap cord connected to it.
3. Connect the snap cord to the 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

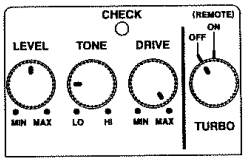
Crunch



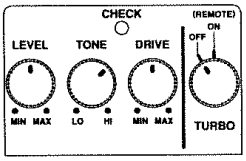
Liverpool Sound



American Blues Rock

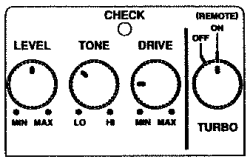


Front + Center Backing

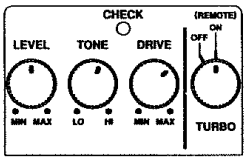


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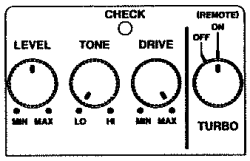
Chord Play



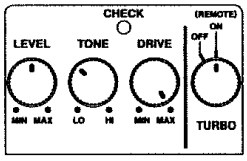
Front + Center Solo



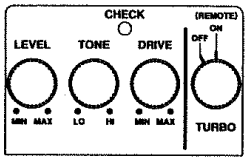
70's British Rock

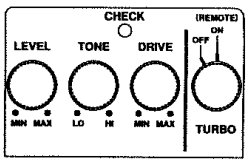


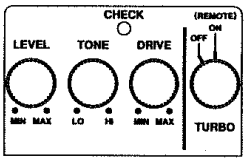
PowerDrive

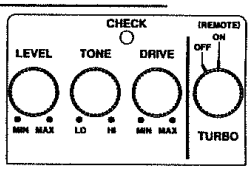


SETTING MEMO









SPECIFICATIONS

OD-2R: TURBO 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, TONE Knob, DRIVE Knob, TURBO Switch
Indicator ..... CHECK Indicator (serves also as battery check indicator)
Connectors ..... INPUT Jack, OUTPUT Jack, REMOTE Jack, AC Adaptor Jack(9 V DC)
Power Supply ..... 9 V DC: Dry Battery 9 V type(6F22/9 V), AC Adaptor
Current Draw ..... 16 mA (9 V DC)
Expected battery life under continuous use:
Carbon: 25 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 ..... 440 g / 1 lb(including battery)
Accessories ..... Owner's Manual, Dry Battery 9 V type(6F22/9 V)
Options ..... AC Adaptor PSA-Series
Footswitch FS-5L

****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.***

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