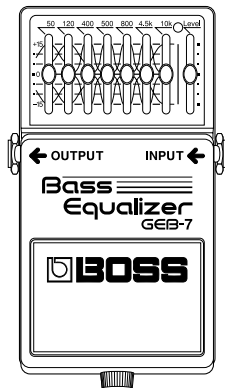


GEB-7 Bass Equalizer

Owner's Manual



AC & BATTERY
POWERED



BOSS

Thank you, and congratulations on your choice of BOSS GEB-7 Bass Equalizer.

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.

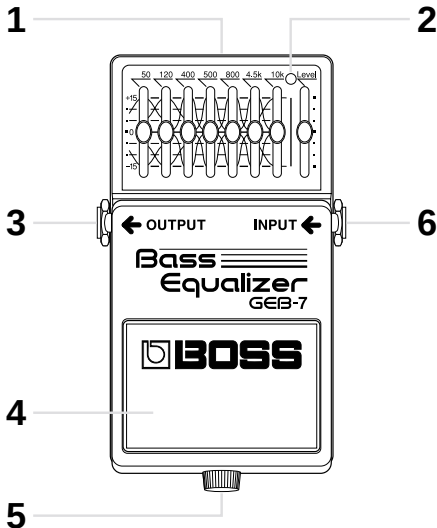
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FEATURES

- The BOSS GEB-7 is a 7-band equalizer designed specifically for electric bass.
- Since it allows for a broad range of frequency settings, even five string basses can be accommodated.
- The unit is designed to provide the optimum Q (equalizer's bandwidth) for bass for each center frequency. While making it easy to obtain the most delicate of nuances, it also allows for radically unique settings as well.
- The GEB-7 allows you to adjust the output level of the equalized sound so it matches the level of the input sound.

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

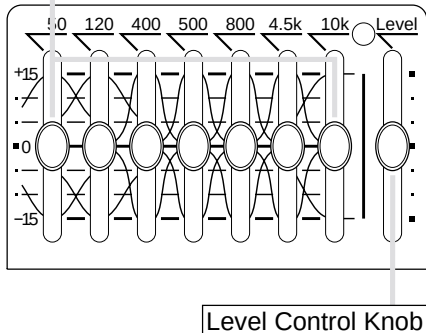
This thumbscrew is loosened to open the pedal, allowing battery replacement. For instructions on how to replace the battery, please refer to “CHANGING THE BATTERY”.

6. INPUT Jack

This jack accepts input signals (coming from a bass guitar, some other 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.***

Equalizer Control Knobs



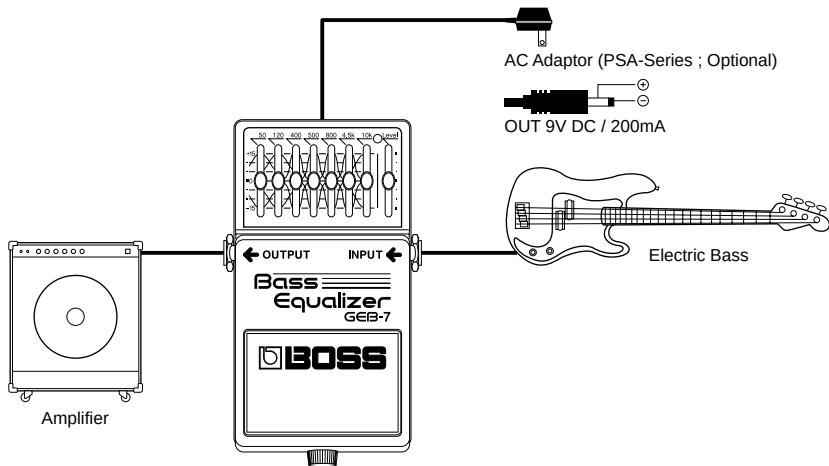
Equalizer Control knobs

These knobs allow you to boost or cut the center frequency of 50, 120, 400, 500, 800, 4.5 k or 10 kHz within +/-15 dB.

Level Control Knob

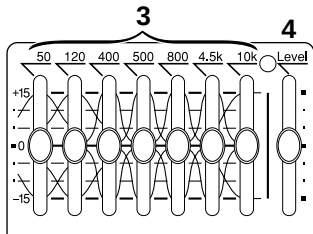
This knob allows you to adjust the output level of the effect sound to minimize the level difference between the effect and direct sounds.

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

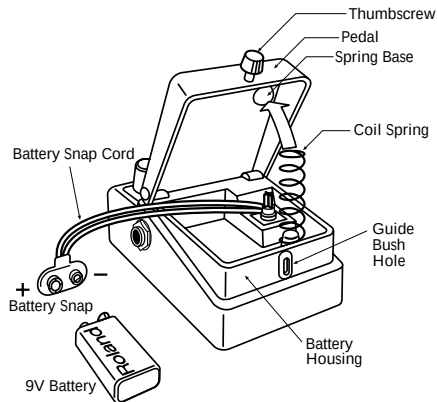


1. When you have made the necessary connections, set the knobs as shown in the illustration.
2. Depress the pedal switch to turn the effect on. (Make sure that the CHECK Indicator lights.)
3. Adjust the tone using the relevant Equalizer Control Knobs.
4. Adjust the output level using the Level Control Knob, to minimize the level difference between the effect and direct 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.

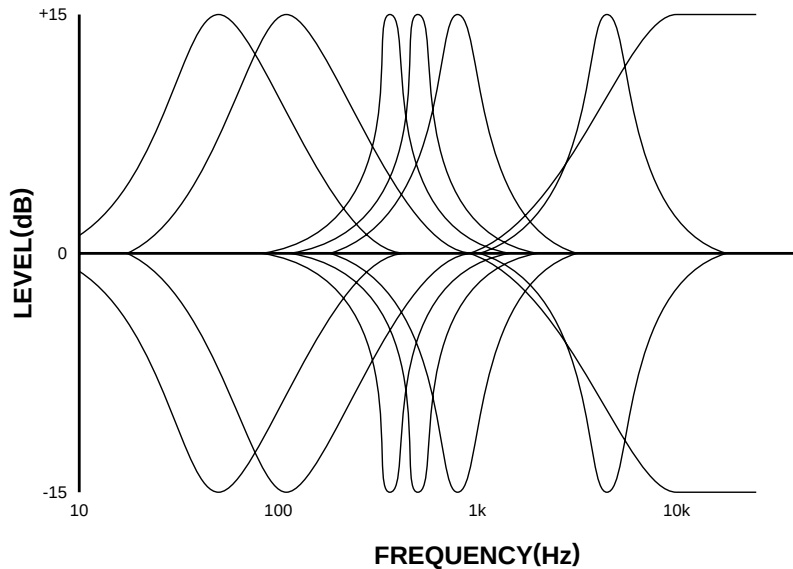
**** Be sure to carefully observe the battery's polarity (+ versus -).***

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.***

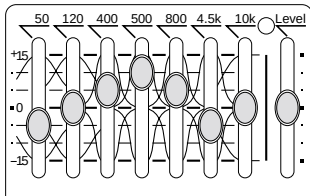
5. Finally, insert the thumbscrew into the guide bush hole and fasten it securely.

FREQUENCY RESPONSE

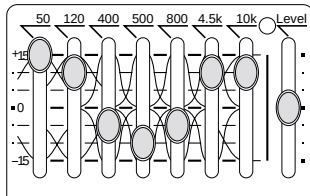


SAMPLE SETTING

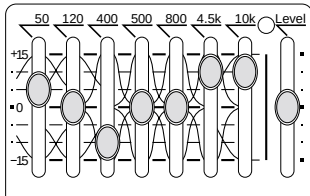
Standard Rock



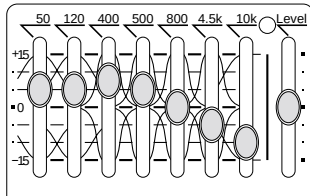
Heavy Metal



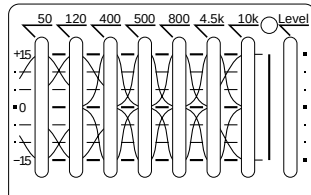
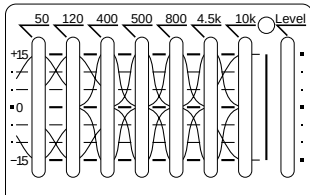
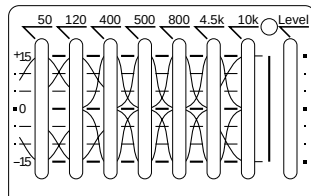
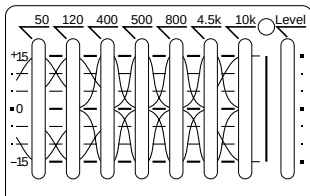
Slapping Play



Bass Amplifier Simulation



SETTING MEMO



SPECIFICATIONS

GEB-7 : Bass Equalizer

Nominal Input Level	-20 dBu
Input Impedance	1 M Ω
Nominal Output Level	-20 dBu
Output Impedance	1 k Ω
Recommended Load Impedance..	10 k Ω or greater
Residual Noise Level	-100 dBu (IHF-A, Typ.)
Variable Range	Equalizer Control : +/-15 dB Level Control : +/-15 dB
Controls	Pedal Switch Equalizer Control Knobs (50, 120, 400, 500, 800, 4.5 k, 10 kHz) Level Control 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	16 mA (DC 9 V)

**** Expected battery life under continuous use :***

Carbon : 12 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 Dry Battery 9 V type (6F22/9 V) Leaflet ("USING THE UNIT SAFELY," "IMPORTANT NOTES," and "Information")
Options	AC Adaptor PSA-Series

*** 0 dBu = 0.775 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.



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