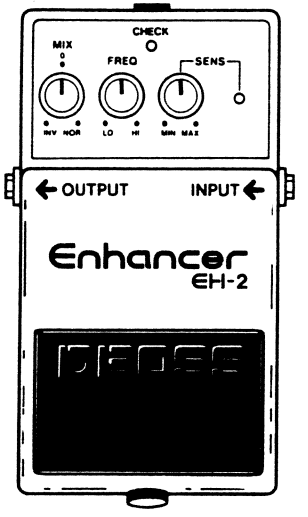
BOSS EH-2 Enhancer

INSTRUCTIONS

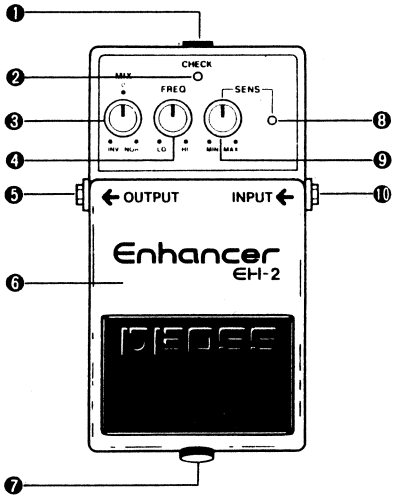
Thank you, and congratulations on your choice of this product. To make sure you get the most out of the EH-2 ENHANCER, and enjoy continuing satisfaction as a result of operating it under the best of conditions, please thoroughly read these instructions.

- The unit makes the harmonics more pronounced, so the resulting sound is much more clearly defined, and has striking clarity.
- The enhancing effect can be applied very naturally, in response to picking strength.
- Two types of enhancement are provided: positive-phase mixing and negative-phase mixing.
- A sensitivity indicator provides for convenient monitoring over how the enhancement effect is applied.



AC & BATTERY POWERED

PANEL DESCRIPTION



❶ AC Adaptor Jack
This jack accepts connection of the AC Adaptor (BOSS PSA-120,220 or 240; optional).
* Use of the AC adaptor allows you to play for as long as you wish without being concerned about the battery wearing out.
* Make certain you use only the specified AC adaptor (PSA series). Use of any other AC adaptor can cause operational errors or damage to the unit.

❷ Check Indicator
Lights up when the effect is on, allowing you to confirm whether the effect is on or off.
* This indicator also serves as the Battery Check indicator. When it becomes dim, or no longer lights, this means that the battery has been depleted and needs to be replaced with a new one.

❸ Mix Knob
Provides for adjustment of the mixing level for the signal to which the enhancement effect has been applied.
[ ] : Provides a natural enhancement, with the signal to which the enhancement effect has been applied being mixed according to the positive phase.
[ ] : The mixing level is set at zero, and no enhancement is obtained.
[ ] : Provides a characteristically different enhancement, with the signal to which the enhancement effect has been applied being mixed according to the negative phase.

❹ Frequency Knob
Provides for selection of the frequency band that the enhancer will take effect upon.
[ ] : The frequency band that the enhancer will take effect upon is raised.
[ ] : The frequency band that the enhancer will take effect upon is lowered.
* As perceived by the ear, the enhancer effect will often seem much more prominent when the frequency band is set in the lower ranges.

❺ Output Jack
This jack is used for making the connection with an amplifier or other effects devices.

❻ Pedal Switch
Used to turn the effect on or off.

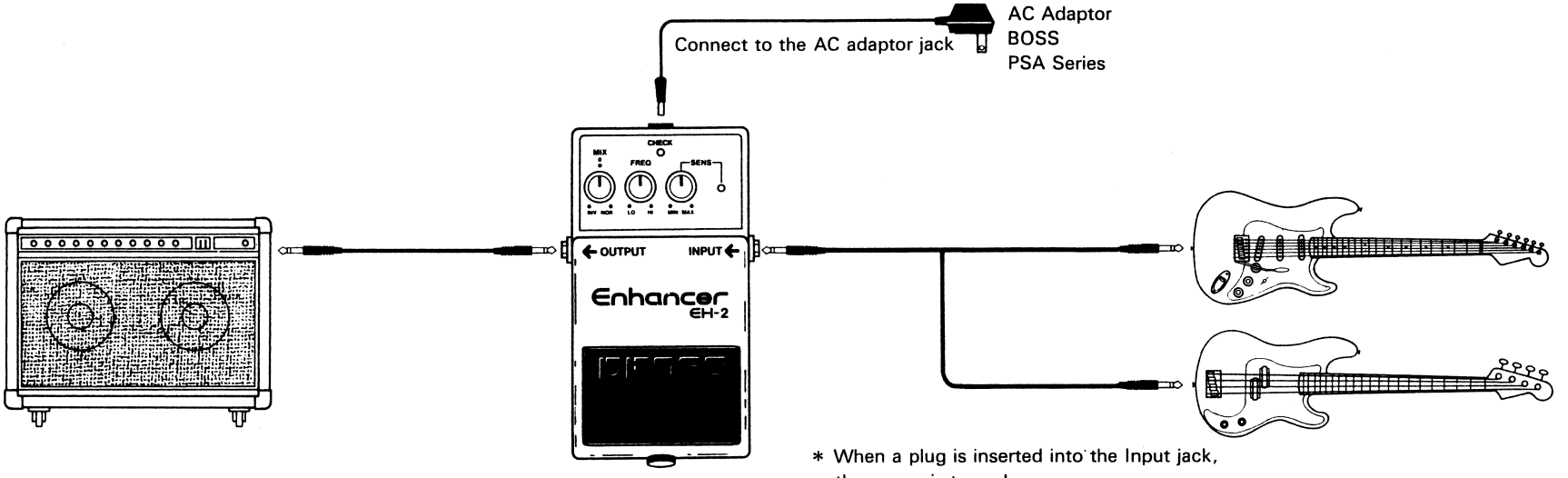
❼ Thumb Screw
When this screw is loosened, the pedal opens, allowing for the battery to be changed. For information on how to change the battery, refer to "BATTERY REPLACEMENT".
* The screw should not be removed completely from the pedal. If it should come off, make sure you do not misplace it.

❽ Sens Indicator
During use of the effect, this indicator lights when the enhancer effect is actually being applied. Even when the effect is being used, if this indicator is out, the sound is being output as normal sound.

❾ Sens Knob
Used to adjust the sensitivity with respect to the input signal.
[ ] : The sensitivity is increased. The enhancement effect is obtained even with low levels of input.
[ ] : The sensitivity is decreased. Only the higher levels of input will have the enhancer effect applied.

❿ Input Jack
This jack accepts connection of a guitar, or other electronic instruments and devices.
* The Input jack is equipped with a power switch. When a plug is inserted into it, the power is turned on; and when the plug is pulled out, the power is turned off. When the unit is not being used, any cord connected to the Input jack should be disconnected.

CONNECTIONS

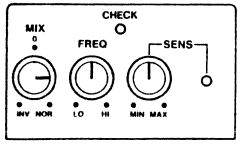


* When a plug is inserted into the Input jack, the power is turned on.

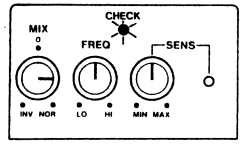
■ OPERATION

① Once you have all cords connected, the knobs on the panel should be set as shown in the illustration.

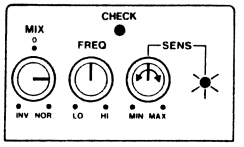
* Always make sure you turn down the volume on your amplifier before connecting or disconnecting any cords.



② Depress the pedal switch ❻ to turn the effect on.
(The Check Indicator will light up.)

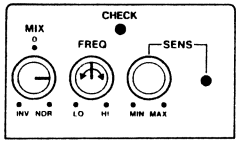


③ Use the Sens knob ❾ to adjust the sensitivity so it is appropriate for the signal that is to be input.

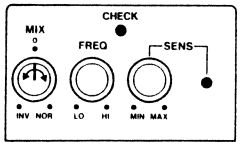


④ Using the Frequency knob ❹ select the frequency band over which the enhancer effect will be applied.

* The enhancer effect is normally perceived as being more prominent when the frequency band is set in the lower ranges.

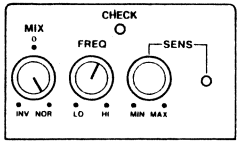


⑤ Use the Mix knob ❸ to determine the respective percentages of original input signal versus effected signal which will be contained in the mix.

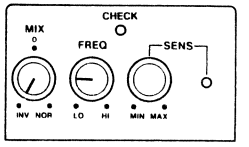


● SAMPLE SETTINGS

Rhythm setting



Lead setting



■ BATTERY REPLACEMENT

①Loosen the thumb screw on the pedal to open it.

②Take out the battery from the battery housing and disconnect the battery snap.

③Connect a new battery to the battery snap, then replace the battery in to the battery housing.

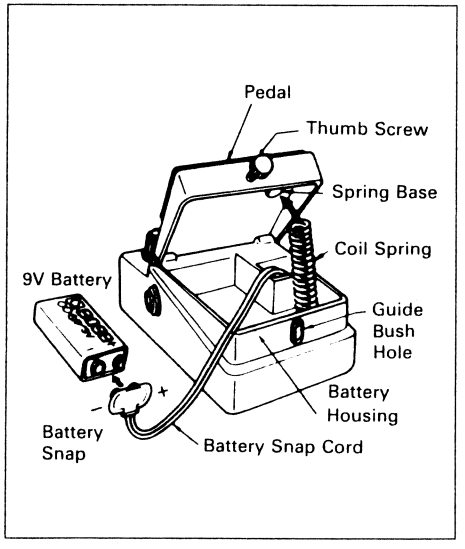
* Make sure that the polarity of the battery is correct.

④Push the coil spring into the spring base on the rear of the pedal, then close the pedal.

* Make sure that the snap cord is not caught in the pedal or coil spring.

⑤Insert the thumb screw into the guide bush hole and firmly tighten the screw.

Use one 9-volt battery



■ IMPORTANT NOTES

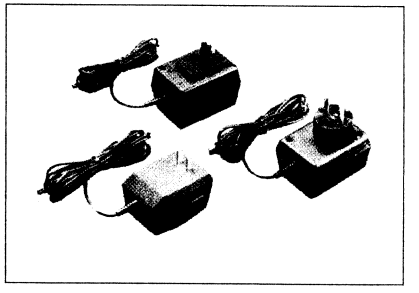
●Do not subject the unit to temperature extremes (eg. direct sunlight in an enclosed vehicle). Avoid using or storing the unit in dusty or humid areas or areas that are subject to high vibration levels.

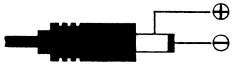
●Remove the battery whenever the unit is not going to be used for an extended period of time.

●When operating solely on a battery, the unit's indicator becomes dim when the battery is depleted. Replace the battery immediately.

●If there is a battery in the unit while an AC adaptor is being used, normal operation will continue should the line voltage be interrupted (power black-out) or the power cord become disconnected.

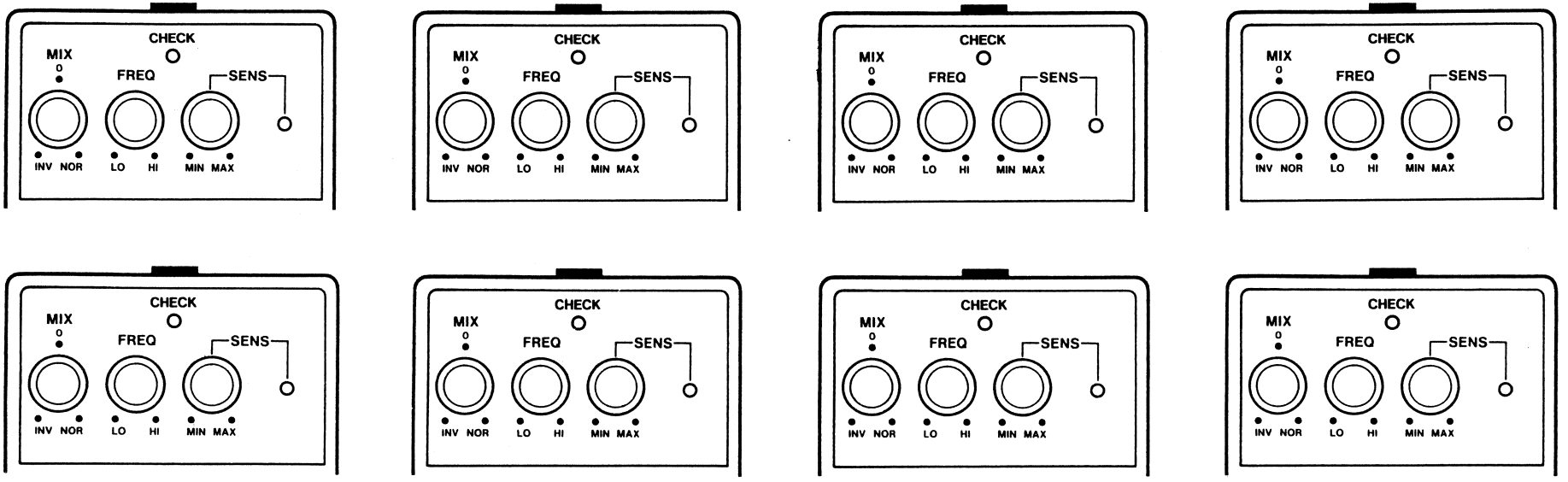
●Should a malfunction occur (or if you suspect there is a problem) discontinue use immediately. Contact qualified service personnel as soon as possible.





●OUT:9VDC/200mA

SETTING MEMO



■ SPECIFICATIONS

Power Supply: 9V DC battery, 6F22(×1); AC Adaptor (PSA series)
Current Draw: 24mA (9V DC)
Controls: Sens, Frequency, Mix
Switch: Effect On/Off
Indicators: Sens, Effect On/Off (serves also as battery check indicator)
Jacks: Input, Output, AC Adaptor
Residual Noise: Less than -90dBm (IHF-A)
Input Impedance: 1MΩ
Output Load Impedance: More than 10kΩ
Dimensions: 70 (W) x 55 (H) x 125 (D) mm
2-3/4" x 2-3/16" x 4-15/16"
Weight: 400g/14oz.

* Specifications are subject to change without notice.

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