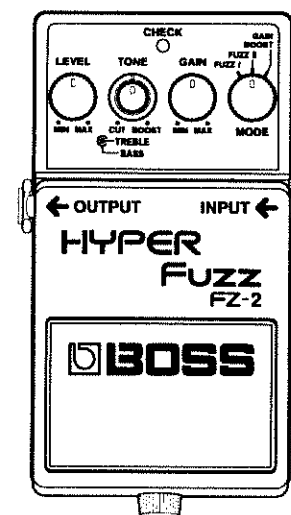


# **BOSS** **FZ-2** HYPER FUZZ

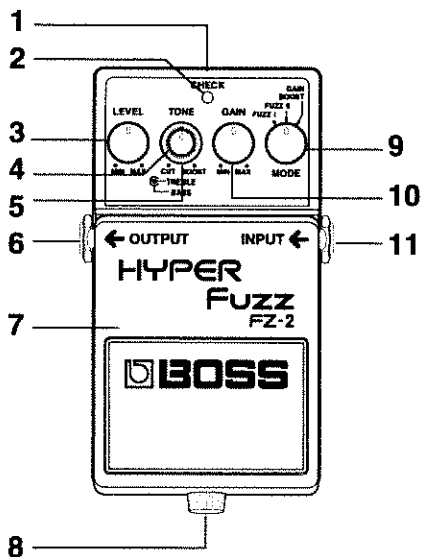
## Instructions

Thank you for purchasing the BOSS FZ-2 HYPER FUZZ. To make the best use of the unit, please read the instructions carefully.

- Despite its compact size, this effect unit packs two kinds of fuzz providing characters that are quite different. It also provides gain boosting based on a discrete architecture.
- While recreating the traditional fuzz sound, this unit also generates a distortion that could be described as contemporary and convivial.
- Two tone controls allows the sound to be adjusted until you have precisely the sound you need.



## PANEL DESCRIPTION



### 1 AC Adaptor Jack

Connect an AC adaptor ( BOSS PSA-120, 220 or 240 depending on the line voltage system in your country ) to this jack.

\* An AC adaptor allows long and secure operation without worrying about battery life.

\* Be sure to use a BOSS PSA-120, 220 or 240 adaptor. Use of any other adaptor may damage the device.

### 2 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. You will know when the battery has worn down and needs to be replaced whenever this indicator goes dim or no longer lights.

### 3 Level Knob

Used to adjust the volume level of the sound while the effect is applied. Should be adjusted so there is no noticeable difference between the times when the effect is applied and when the sound is normal.

\* When the Mode knob is switched to Gain Boost, this knob will not provide its normal function.

\* With this knob turned all the way to the left, no sound will be output.

### 4 Tone Knob (Treble)

Allow the higher frequency portions to be boosted/cut. At the center, the tone will be flat. Boost the higher frequencies by turning it towards the right ( ♪ ). Turn toward the left ( ♫ ) to cut them.

### 5 Tone Knob (Bass)

Allow the lower frequency portions to be boosted/cut. At the center, the tone will be flat. Boost the lower frequencies by turning it towards the right ( ♪ ). Turn toward the left ( ♫ ) to cut them.

### 6 Output Jack

The output from this jack can be connected to your amp or to another effects device.

### 7 Pedal Switch

Used to switch effects ON or OFF.

### 8 Thumb screw

Loosen the screw to open the cover for battery replacement. For a detailed explanation, see "BATTERY REPLACEMENT"

### 9 Mode Selection Knob

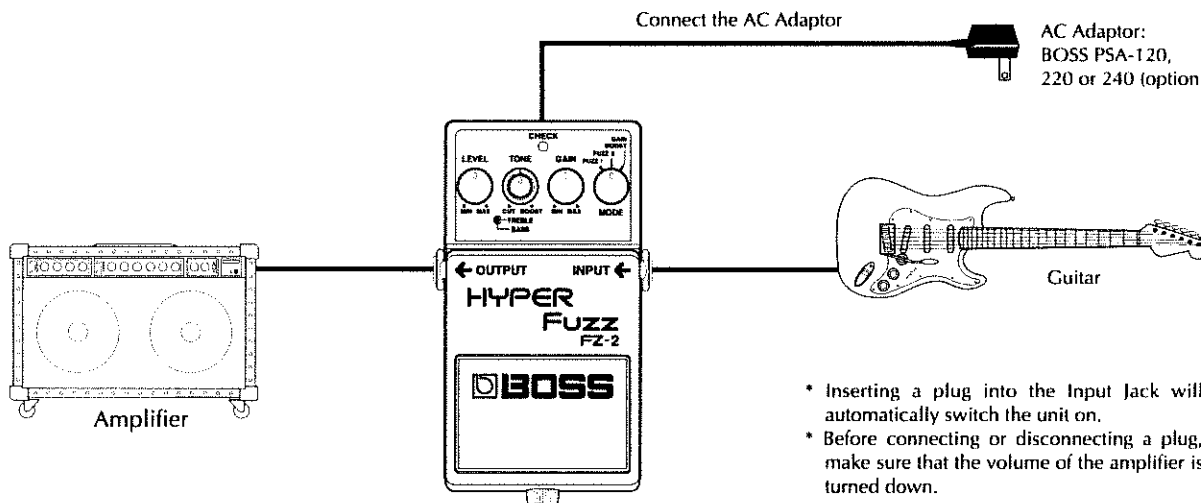
Allows you to select the function you wish your FZ-2 to perform.

**FUZZ 1** A basic fuzz sound that places emphasis on the harmonics.

**FUZZ 2** A full-bodied fuzz sound that places emphasis on the lower frequency range.

**GAIN BOOST** Ideal for boosting the power of a guitar with limited output power (such as one with a single-coil pickup); or for increasing the amount of distortion you can obtain when using a distortion-type effects units or guitar amplifier.

## CONNECTIONS



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

\* Before connecting or disconnecting a plug, make sure that the volume of the amplifier is turned down.

### 10 Gain Knob

[When FUZZ 1 or FUZZ 2 is selected]

Allows you to adjust the depth of the fuzz. The distortion depth is increased (and sustains will be lengthened) as you move the knob to the right ( ♪ ).

[When GAIN BOOST is selected]

Allows you to adjust the amount by which the gain is to be boosted. The gain is increased the more you move the knob to the right ( ♪ ).

\* Oscillation could be produced if the depth is increased too much.

### 11 Input Jack

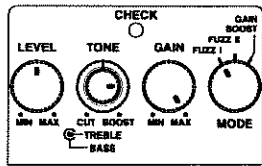
Here is where you need to connect your guitar, or other electric/electronic instrument.

\* The Input Jack is equipped with a power switch. Whenever you insert a plug into it, the power is turned ON. Pull the plug out, and the power goes OFF. For this reason, try to make a habit of pulling out the cord going to the Input Jack whenever the pedal is not being used.

## SAMPLE SETTINGS

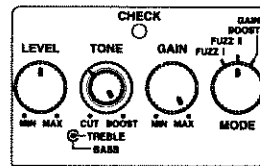
### A basic fuzz sound.

The most orthodox fuzz sound.



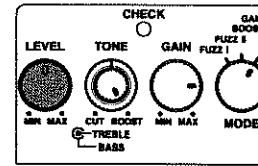
### Treble fuzz sound.

A truly radical sound with an upper range that is garish and dazzling.



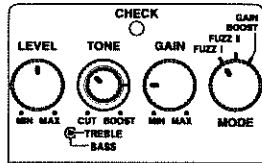
### Treble booster.

Emphasizes the upper range.



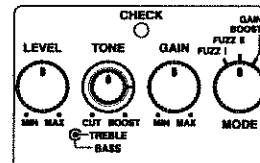
### Light fuzz sound.

A buoyant fuzz sound with a notably warm tone.



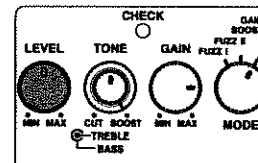
### Fat fuzz sound.

A fat fuzz sound that favors the treble end.



### Bass booster.

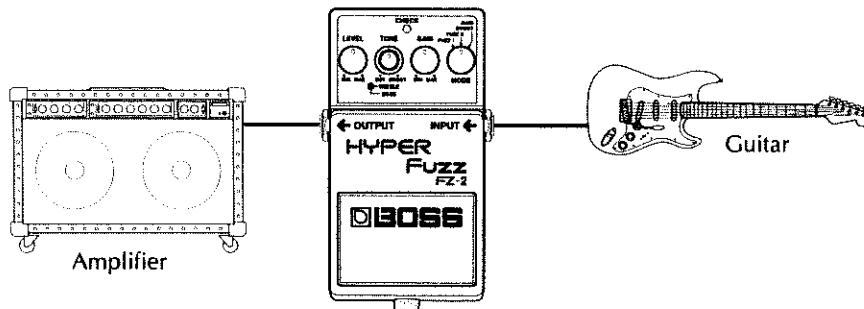
Emphasizes the lower range.



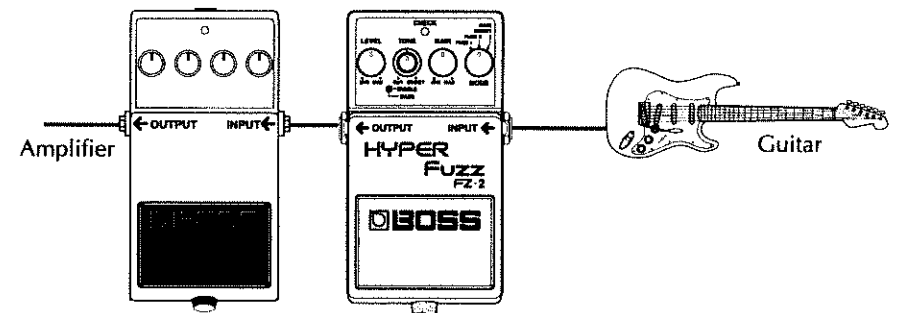
*\* The Level knob cannot be used while the unit is in the Gain Booster mode.*

### Gain Booster Mode

These settings allow a guitar amp to be driven to the full.



These settings produce a really powerful distortion. The unit should be connected so it is located before a distortion-type effects unit.



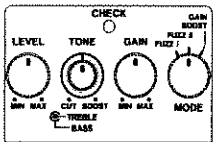
OD-2 or other distortion-type effects unit.

## OPERATION

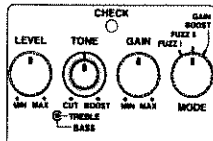
### For FUZZ 1 or FUZZ 2:

- Once you have all the connections made, set the knobs on the panel so they conform to the illustration below.

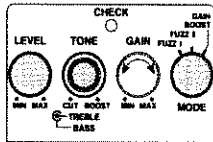
- Have the Mode knob set to either FUZZ 1 or FUZZ 2.
- Before connecting or disconnecting any instrument, make sure that the volume of the amplifier is turned down.



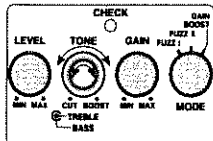
- Step on pedal switch (7) to turn ON the effect. (The Check indicator will light.)



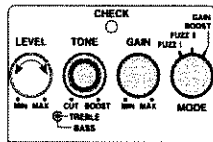
- Use the Gain knob (10) to adjust the amount of distortion. The distortion depth is increased as you move the knob to the right.
  - Oscillation could be produced if the depth is increased too much.



- Adjust both the BASS and TREBLE Tone knobs (5 & 4) until you have the tone you desire.



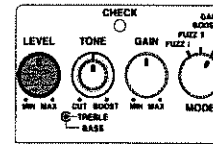
- Adjust the Level Knob (3) so there is no noticeable difference between the times when the effect is applied and when the sound is normal.



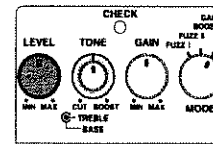
### For GAIN BOOST:

- When set to this mode, the Level knob (3) will not provide its normal function. Once you have all the connections made, set the knobs on the panel so they match the illustration below.

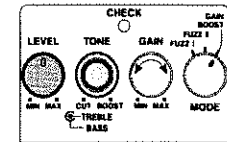
- Have the Mode knob set to GAIN BOOST.



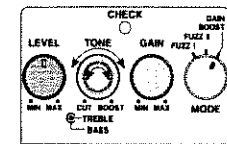
- Step on pedal switch (7) to turn ON the effect. (The Check indicator will light.)



- Use the Gain knob (10) to adjust the amount by which to boost the gain. The gain is increased as you move the knob to the right.
  - Oscillation could be produced if the depth is increased too much.



- Adjust both the BASS and TREBLE Tone knobs (5 & 4) until you have the tone you desire.



## BATTERY REPLACEMENT

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

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

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

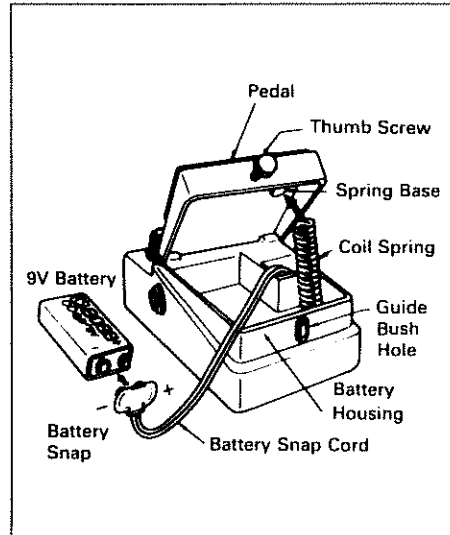
*\* Make sure that the polarity of the battery is correct.*

(4) Push 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.*

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

The type of battery to use is: 006/9 V (one).



## IMPORTANT NOTES

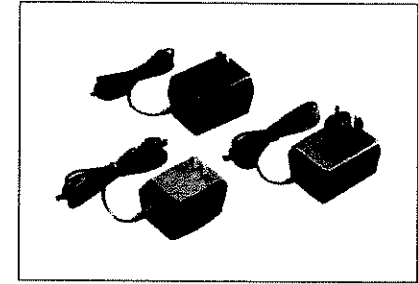
-Do not subject the unit to temperature extremes (eg. direct sunlight in an enclosed vehicle). Avoid using or storing the unit in dusty or humid areas or areas that are subject to high vibration levels.

-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.

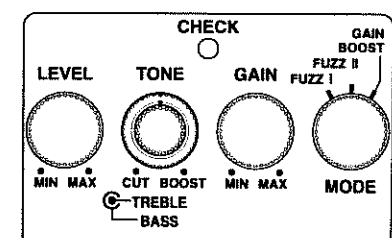
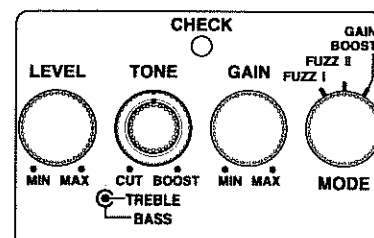
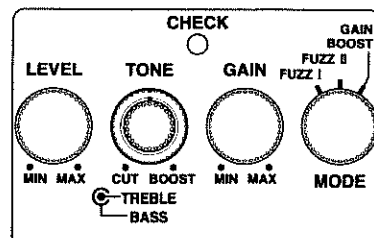
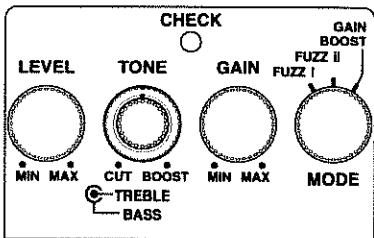
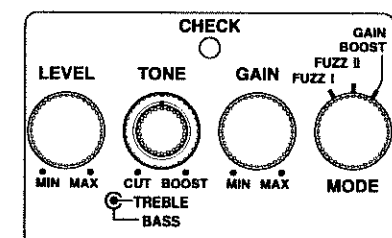
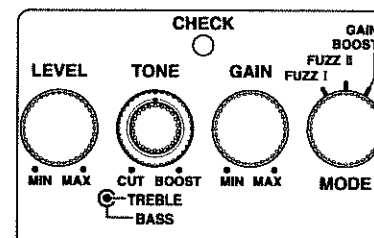
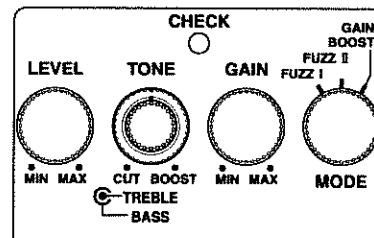
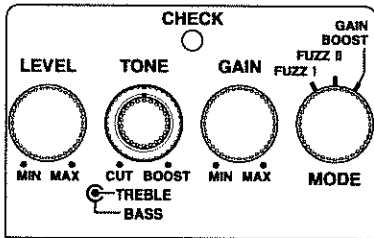
-If there is a battery in the unit while an AC adaptor is being used, normal operation will continue should the line voltage be interrupted (power blackout) or the power cord become disconnected.

-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

**Controls** : Pedal Switch, Mode Selector Switch, Gain, Tone(Treble, Bass), Level

**Indicator** : Check Indicator(Serves also as battery check indicator)

**Jacks** : Input,Output,AC Adaptor

**Input Impedance** : 1M $\Omega$

**Output Impedance** : 1k $\Omega$

**Recommended Load Impedance** : 10k $\Omega$  or greater

**Residual Noise** : -70dBm(IHF-A, Typ.)

**Power Supply** : DC9V; battery ( 9V ), AC Adaptor (PSA Series : Option)

**Current Draw** : 16mA (DC9V)

**Dimensions** : 70 (W) x 125 (D) x 55 (H) mm / 2-3/4" x 4-15/16" x 2-3/16"

**Weight** : 420g / 15 oz (including battery)

**Accessories** : Instructions, Battery S-006P/9V (6F22/9V) x 1

**Options** : AC Adaptor PSA-120, PSA-220, PSA-240, Battery S-006P/9V, 6AM6/9V (Alkaline)

The specifications for this product are subject to change without prior notice.

  
Products of Roland

Printed in Taiwan '93-10-D3-11C



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UPC 26060977



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