

# **BOSS**

**CS-2**  
Compression  
Sustainer

**INSTRUCTIONS**



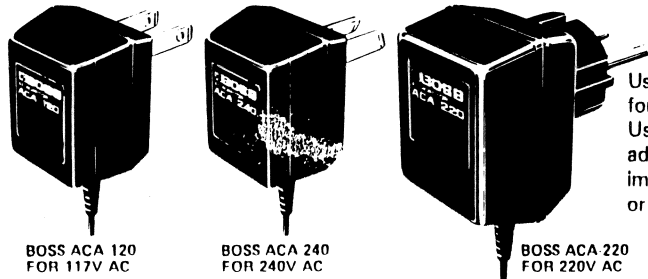
•Please read these instructions carefully for proper operating procedures for the BOSS CS-2.

## CAUTIONS

- When you do not use the unit for a long period, remove the battery to prevent current leakage and leaking of sticky substance.
- If battery voltage drops, effect becomes inferior or no sound is produced. To prevent that, replace the battery a little earlier.

- Be sure to keep the battery snapped by connector into the housing, when using AC adaptor, too.
- Even if AC Adaptor cord comes out during performance, operations immediately change to battery, causing no trouble in continuing performance.
- Power is switched on while a plug is put into input jack. When you do not use the unit keep the plug off the jack.

## AC ADAPTOR (OPTION)



Use BOSS AC adaptor for AC operation. Use of different adaptors may cause improper operation or no sound.

## SPECIFICATIONS

Power Source	DC 9V 006P × 1 pc or AC Adaptor
Power Consumption	DC 9V, 4 mA
Controls	SUSTAIN, LEVEL, ATTACK
Others	Normal/Effect Changing Switch (FET switching system) Indicator for battery check
Terminal	Input, Output, AC Adaptor
Maximum Input Level	- 10 dBm at 1 kHz
Maximum Output Level	- 10 dBm
Compression Range	38 dB
Input Impedance	1 M Ω (FET Input)
Output Load Impedance	Over 10 k Ω
Equivalent Input Noise	- 110 dBm (IHF-A)
Dimensions	70(W) × 55(H) × 125(D) mm
Weight	400g

\*Specifications are subject to change without notice.

**BOSS**

Products of Roland

Printed in Japan '81 Nov. E-3

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## CS-2

Compression  
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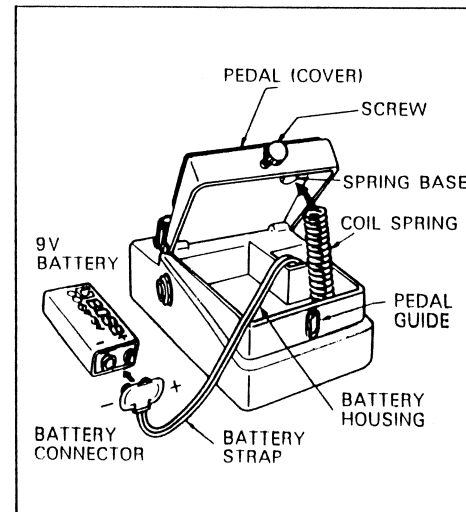


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## CAUTIONS FOR REPLACING AND HANDLING BATTERY

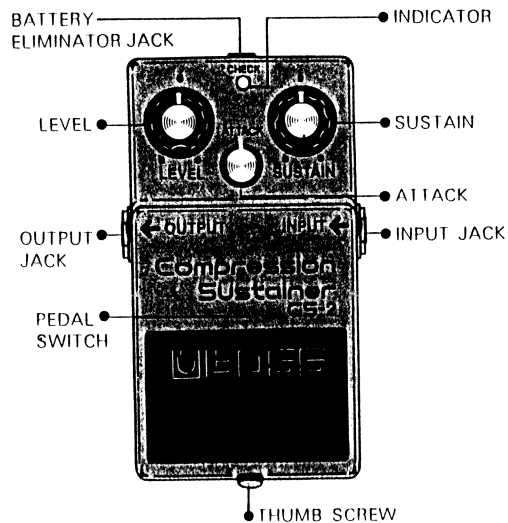
### REPLACING BATTERY USE ONE 9-VOLT BATTERY.

- Loosen the screw of pedal to open it and take out battery from its housing.
- Replace the battery by a new one.
- Set coil spring onto the spring base on the back of the pedal and shut the cover (pedal). Finally, insert the screw into the pedal guide and tighten it. At this time, be careful not to catch the battery strap in the cover or coil spring.



CS-2 is a low-noise type effect providing long sustain with Attack volume. It can adjust picking forth widely and provides any drive-sounds. As having a wide range of Maximum Input Level and Compression, it can be used for any Electronic Musical Instruments. In addition, CS-2 can be used for ordinary Limiter by turning down Sustain Volume.

### NAME AND FUNCTIONS



### SUSTAIN

The Sustain control provides adjustment of the compression range, when set at the full clockwise position the sustain is the longest. When this control is turned counterclockwise, the compression increases allowing the unit to limit the output level. This is particularly useful in adding punch to a guitar, bass and electric piano.

### LEVEL

This knob determines the amount of sounds. Turn clockwise (↑) to increase and counterclockwise to decrease.

### ATTACK

This knob determines the intensity of attack. When this knob is turned clockwise (↑), attack sound to each note will not be lost even in fast picking.

### INPUT JACK

The unit is powered-on by plug-in to the input jack. Keep the plug out of the jack when not in use.

### OUTPUT JACK

The CS-2's low impedance output to the amplifiers is equipped to provide low noise and hum.

### BATTERY ELIMINATOR JACK

The BOSS AC Adaptor is connected to the Battery Eliminator jack when battery operation is not necessarily the most desirable situation.

### INDICATOR

By the LED indicator you can see whether the unit is on or off, even in the darkest on-stage situation. This indicator also allows you to check the battery. When the time comes to replace the battery, the indicator fails to light or becomes dimmer.

### PEDAL SWITCH

In our unique FET switching system there are no mechanical contacts in the signal system so it won't make audible click, and it can't make a pop. The switching totally electronically and therefore, cleanly.

### THUMB SCREW

The battery sits in a special compartment under footswitch plate that activates the silent switch. When the time comes to replace the battery, you don't even need tools.

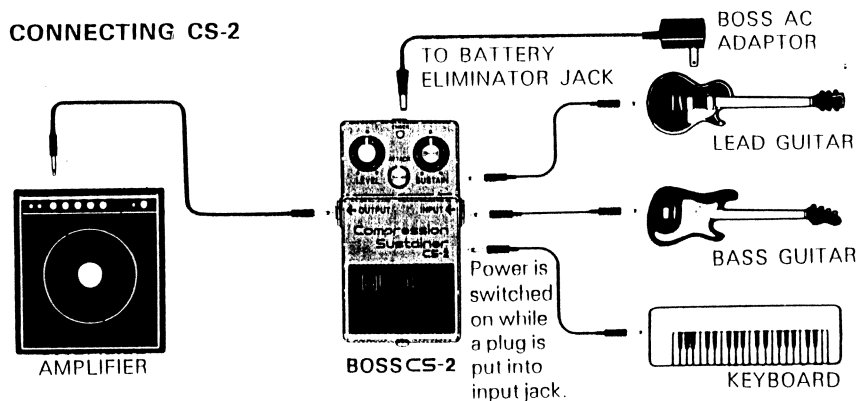
\*Do not remove off the screw from the unit.

### BEFORE USING CS-2

\*When operating CS-2 from AC line, use BOSS AC Adaptor for CS-2

\*Avoid using CS-2 in dusty location or under high temperature or humidity.

### CONNECTING CS-2



Unplug this unit when it is not to be used. Be sure to take off connecting plug from Input jack.

### OPERATING CS-2



1 After connecting all the cords required, set all the knobs on the panel as illustrated.



2 Press the pedal switch. The Check LED lights to indicate "EFFECT ON" and extinguishes to indicate "EFFECT OFF".

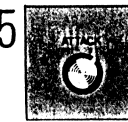
\*This check LED is also used to check battery. If LED fails to light or becomes dim, the battery should be replaced.



3 Turn SUSTAIN control to proper position.



4 While pressing the pedal, turn LEVEL knob to proper position so no volume difference between Normal and Effect modes is noticed.



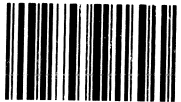
5 Turn ATTACK knob to proper position.

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