

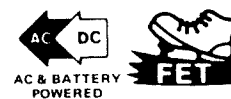
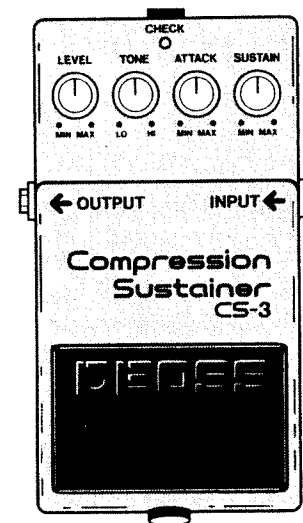


**CS-3**  
Compression  
Sustainer

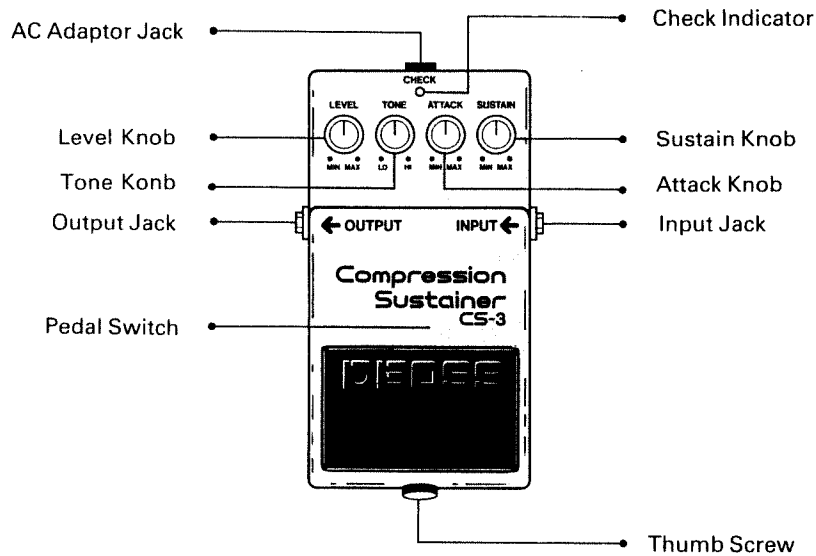
## INSTRUCTIONS

Please read the instructions carefully.

The BOSS CS-3 is a compression sustainer that produces long sustain without distorting the original sounds. The attack volume adjusts picking forth widely and provides any drive-sound. As having the tone control function, the CS-3 allows wider variation of sound creation. Moreover, featuring the wide range of maximum input level and compression range, it can be used for any electronic musical instrument. In addition, the CS-3 can be used as an ordinary limiter by turning down the sustain volume.



## PANEL DESCRIPTION



### Level Knob

This knob changes the volume of the effect sound. Rotating it clockwise increases the volume and counterclockwise decreases. Therefore, this knob can be effectively used to adjust volume balance of the effect and direct sounds.

### Tone Control

Rotating this knob clockwise emphasizes the higher frequency making sharper sounds. Counterclockwise rotation cuts the higher frequency making softer sounds.

### Attack Knob

This adjusts the intensity of the attack in the picking. At its clockwise position, the attack sound is retained in each note even in fast picking, creating drive sound.

### Sustain Knob

This knob adjusts the sustain time. Rotating this knob clockwise increases the sustain time. By rotating it counterclockwise, the output level is limited, therefore the CS-3 works as a limiter.

### Check Indicator

This serves as an effect ON/OFF indicator as well as battery check. This lights up when the effect is turned on and goes out when off.

### Pedal Switch

Push this pedal to turn the effect on (LED on), and push it again to turn the effect off (LED off).

\* The FET Switching system amazingly reduces click noise, so that studio recording and live performance will now be even more successfully achieved.

### AC Adaptor Jack

Connect an AC adaptor (BOSS ACA series) to this jack for AC operation.

### Input Jack

This is to connect an electric guitar, or other electronic musical instrument.

Plugging the power cord into this jack turns the power to the CS-3 on. So please disconnect the cord when the unit is not to be used.

### Output Jack

Connect this jack to the external device such as amplifier.

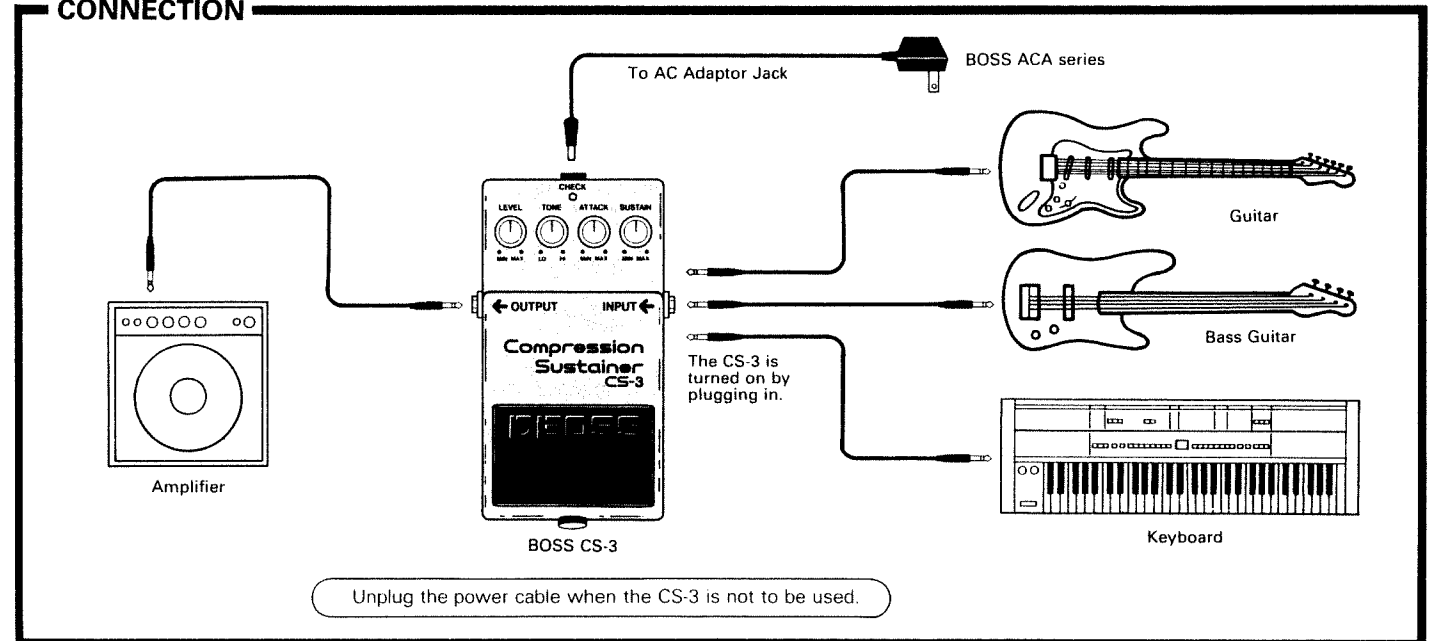
### Thumb Screw

Loosen this thumb screw to open the pedal cover for battery replacement. Please do not remove the screw from the pedal cover, or you may lose it.

## IMPORTANT

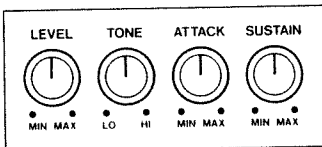
- When operating the CS-3 from the AC line, use the BOSS AC Adaptor (ACA series).
- Avoid using the CS-3 in extreme heat, humidity or where it may be affected by dust.

## CONNECTION



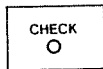
## OPERATION

1



After making all the connections, set the panel as shown left.

2



Press the Pedal Switch. If the indicator lights up, the effect is on, and if not, the effect is off.

\* This indicator also serves as battery check. If it becomes dimmer or does not light at all, battery replacement is required.

3



Using the CS-3  
as a Compressor



Using the CS-3  
as a Limiter

Rotate the Sustain Knob to an appropriate position.

\* As you turn the Sustain Knob clockwise, you may hear noise or howling. If so, rotate it slightly counterclockwise.

4



Press the Pedal Switch to turn the effect on (LED on), and adjust the volume of the effect sound using the Level Knob.

5



Adjust the intensity of the attack with the Attack Knob.

6

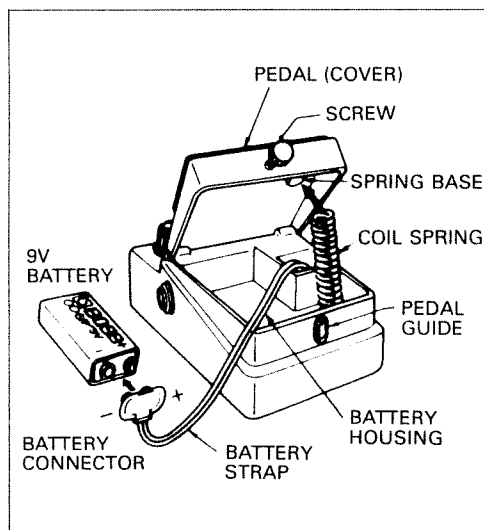


Control the tone of the sound with the Tone Control Knob.

## CAUTIONS FOR REPLACING AND HANDLING BATTERY

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

- ① Loosen the screw to open the pedal and take out the battery from the battery housing.
- ② Replace the battery with a new one.
- ③ Set the coil spring onto the spring base on the back of the pedal and shut the 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.

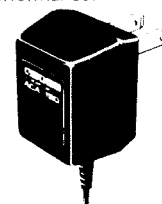


## CAUTIONS

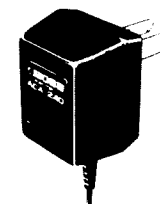
- When the CS-3 is not to be used for a long period, remove the battery to prevent the trouble caused by the battery leakage.
- If the battery voltage drops, effect becomes inferior or no sound is produced. To prevent that, replace the battery.
- Be sure to keep the battery securely connected even while using the AC Adaptor, then the CS-3 will continued to operate even if the AC Adaptor cord comes out during performance.

## AC Adaptor (Option)

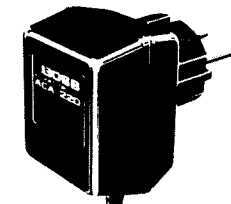
Please be sure to use the Boss ACA series adaptor. Using any other type of adaptor will cause trouble.



BOSS ACA-120  
FOR 117V AC

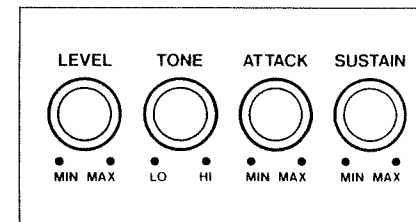
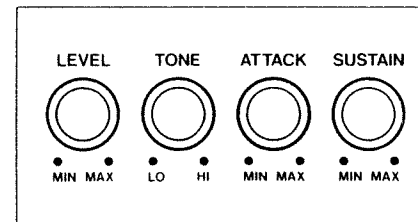
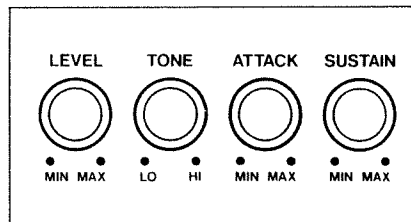
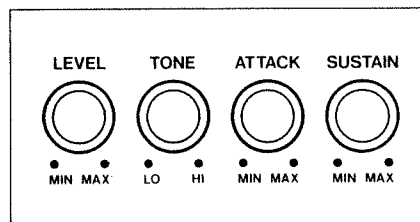
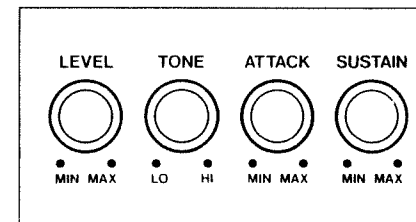
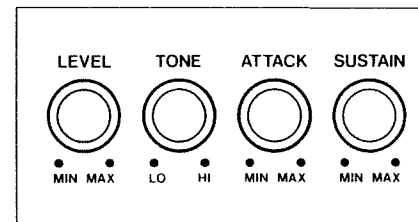
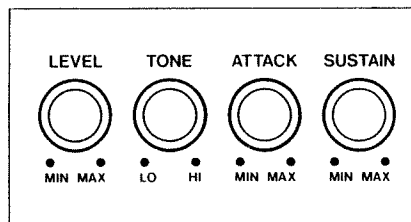
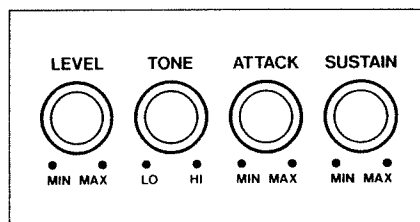


BOSS ACA-240  
FOR 240V AC



BOSS ACA-220  
FOR 220V AC

## SETTING MEMO



## SPECIFICATIONS

<b>Power Requirement</b>	.....9V Dry Battery×1 , AC Adaptor (ACA series)
<b>Current Draw</b>	.....10mA (9VDC)
<b>Controls</b>	.....Level, Tone, Attack, Sustain
<b>Switch</b>	.....Effect On/Off
<b>Indicator</b>	.....Effect On/Off (Battery Check)
<b>Jacks</b>	.....Input, Output, AC Adaptor
<b>Maximum Input Level</b>	.....+5dBm (1kHz)
<b>Maximum Output Level</b>	.....-10dBm
<b>Compression Range</b>	.....38dB
<b>Equivalent Input Noise</b>	.....-110dBm (IHF-A)
<b>Input Impedance</b>	.....1MΩ
<b>Output Load Impedance</b>	.....Over 10kΩ
<b>Dimensions</b>	.....70(W) × 125(D) × 55(H)mm [2-3/4" × 4-15/16" × 2-3/16"]
<b>Weight</b>	.....400g/14oz

\*Specifications are subject to change without notice.

Printed in Taiwan '90-3-E3-11Y

  
Products of Roland

 Roland®

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**17049660**

UPC 17049660



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 **BOSS**