



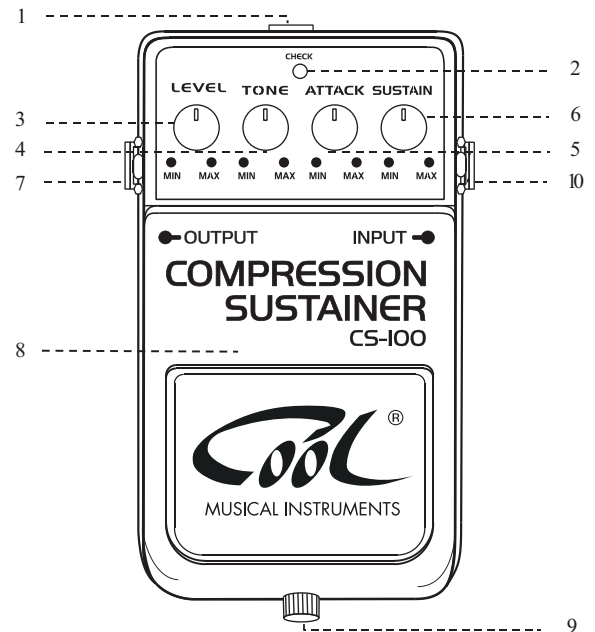
## CS-100 COMPRESSION SUSTAINER

The CS-100 is a compression sustainer that produces long sustain without distortion sound, it evens the input signal. The CS-100 ensures a clean sound even in fast picking and it allows wide range of max input level and compression range.

### Features

## Panel Description

- AC Adaptor Jack:** Connect an AC Adaptor (100-240V/50-60Hz). An AC Adaptor allows long and secure operation without worrying about battery life. Use the proper supply for your area's Mains line voltage.
- Indicator LED:** This LED indicates when the effect is turned on.  
\*Operating on battery power only: when the LED becomes dim or does not light the battery need to be replaced.
- Level Knob:** Used this control to adjust the output level of effect sound. Turn this knob clockwise to increase the volume of effect sound and counter-clockwise to decrease the volume of effect sound.
- Tone Knob:** Used this control to adjust the tone level of the tone knob. Turn this knob clockwise to increase the signal of high frequencies for creating sharp tone. Counter-clockwise rotation for obtaining a warm tone.
- Attack Knob:** Used this control to adjust the intensity of the attack in the picking. Turn this knob clockwise to emphasize each note even in fast picking.
- Sustain Knob:** Used this control to adjust the sustain time. Turn this knob clockwise to increase the sustain time. Counter-clockwise to limit the output level of the effect, therefore the pedal works as a limiter.
- Output Jack:** Use this jack to connect an amplifier or other units for mono output.
- Pedal:** Press the pedal turns the effect on and off.
- Thumb Screw:** Loosen the screw to open the pedal for battery replacement. (For detail of the battery replacement, see "BATTERY REPLACEMENT")
- Input Jack:** Connect your instrument to this jack. To prolong battery life, disconnect all cables from the pedal when not in use.



## Specifications

Normal Input Level----- -20dBu  
 Input Impedance-----1 M $\Omega$   
 Normal Output Level----- -20dBu  
 Output Impedance-----1 k $\Omega$   
 Recommended Load Impedance-----  
 -----10 k $\Omega$  or greater  
 Compression Range-----38dB  
 Residual Noise-----  
 ----- -106dBu (IHF-A, Typ.)  
 Jack-----Input, Output, AC Adaptor  
 Power Supply -----DC 9V; Dry battery  
 (6F22/9V), AC adaptor  
 Controls ----- Pedal Switch,  
 Level, Tone, Attack, Sustain  
 Indicator ----- Check Indicator  
 (Serves also as battery check indicator)  
 Current Draw ----- 14mA, (DC 9V)  
 Dimensions ----- 72\*128\*60 mm  
 Weight----- 390g (no battery)  
 Option ----- AC Adaptor

## Battery Replacement

- Loosen the screw on the pedal to open it.
- Remove the battery from the battery compartment and disconnect the battery cable.
- Connect a new battery to the battery cable and put it back in the battery compartment. Make sure the polarity of the battery is correct and the battery cable does not interfere with the spring or pedal cover.
- Push the coil spring into the spring base, then close the pedal.
- Insert the thumbscrew into the guide bush hole and firmly tighten the screw.

## Connections

- Connecting an instrument to this jack will automatically switch the unit on. Be sure to disconnect the cord from this jack when the unit is not being used.
- Before connecting or disconnecting any instrument, make sure that the volume of the amplifier is turned down.
- The output jack is to connect an amplifier or other units for mono use. Both the dry and processed signals are output.
- When you use a high output guitar, the sound may be distorted. If distortion occurs, turn down the volume of the guitar or use a limiter, etc.

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