



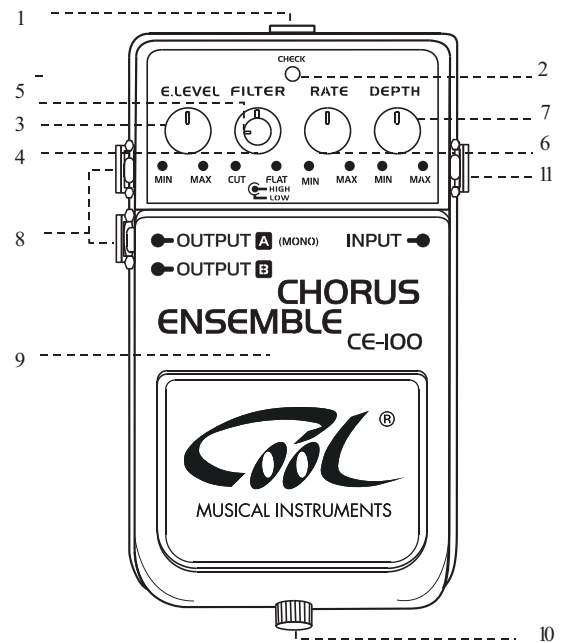
## CE-100 CHORUS ENSEMBLE

The CE-100 features 2-band filters for creating various chorus effects, which offer a wide range of frequencies for effect applying. By cutting low frequencies obtain a natural chorus. By using dual channel output jacks create deep chorus.

### Features

## Panel Description

1. 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.
2. 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.
3. E.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.
4. Low Filter Knob: Used this control to adjust the bass frequencies of the chorus sound, Turn this knob clockwise to widen the output band and counter-clockwise to narrow it.
5. High Filter Knob: Used this control to adjust the treble frequencies of the chorus sound. Turn this knob clockwise to widen the output band and counter-clockwise to narrow it.
6. Rate Knob: Used this control to adjust the speed of the chorus effect. Turn this knob clockwise to increase the speed of effect sound and counter-clockwise to decrease the speed of effectsound.
7. Depth Knob: Used this control to adjust the depth of chorus effect. Clockwise rotation deepens the effect and counterclockwise to create shallower effect.
8. Output Jacks A/B: Use these jacks to connect an amplifier or other units. Use Jack A for mono output.
9. Pedal: Press the pedal turns the effect on and off
10. Thumb Screw: Loosen the screw to open the pedal for battery replacement. (For detail of the battery replacement, see "BATTERYREPLACEMENT").
11. Input Jack: Connect your instrument to this jack. To prolong battery life, disconnect all cables from the pedal when not in use..



## Connections

1. 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.
2. Before connecting or disconnecting any instrument, make sure that the volume of the amplifier is turned down.
3. For monaural output, use Output jack A. Both the dry and processed signals are output.
4. For stereo use: Output A: Only the processed signal (pitch modulated sound) is output. The dry (unprocessed) signal is not output. Output B: Only the dry signal is output.
5. 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.

## Specifications

Input Impedance-----1 M $\Omega$   
 Output Impedance-----1 k $\Omega$   
 Recommended Load Impedance-----  
 -----10 k $\Omega$  or greater  
 Residual Noise-----  
 ----- -93dBu (IHF-A, Typ.)  
 (Filter Control knob in the center  
 position)  
 Power Supply-----DC 9V; Dry  
 battery (6F22/9V), AC adaptor  
 Jack-----Input,  
 Output A (MONO)/B, AC Adaptor  
 Controls-----Pedal Switch, Effect  
 Level, Rate, Depth and Filter  
 Indicator -----Check Indicator (Serves  
 also as battery check indicator)  
 Current Draw-----28mA, (DC 9V)  
 Dimensions----- 72\*128\*60 mm  
 Weight----- 412g (no battery)  
 Option----- AC adaptor

## Battery Replacement

1. Loosen the screw on the pedal to open it.
2. Remove the battery from the battery compartment and disconnect the battery cable.
3. 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.
4. Push the coil spring in to the spring base, then close the pedal.
5. Insert the thumb screw into the guide bush hole and firmly tighten the screw.

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MUSICAL INSTRUMENTS