

Before using this unit, carefully read the sections entitled: “USING THE UNIT SAFELY” and “IMPORTANT NOTES” (supplied on a separate sheet). After reading, keep the document(s) where it will be available for immediate reference.

## Main Features

- This is a “WAZA CRAFT series” effect unit featuring analog circuitry designed with attention to every detail in pursuit of the finest sound.
- Standard mode completely replicates the sound of the CE-2 chorus, known for its mild modulation.
- In addition, this unit provides a CE-1 mode (chorus, vibrato) which reproduces the sound of the world’s first chorus unit, the CE-1.

## Panel Descriptions

DC IN jack

Accepts connection of an AC Adaptor (PSA series; sold separately). By using an AC Adaptor, you can play without being concerned about how much battery power you have left.

- \* Use only the specified AC adaptor (PSA series; sold separately), and connect it to an AC outlet of the correct voltage. Do not use any other AC adaptor, since this may cause malfunction.
- \* If the AC adaptor is connected while a battery is installed, the power supply is drawn from the AC adaptor.
- \* We recommend that you keep batteries installed in the unit even though you'll be powering it with the AC adaptor. That way, you'll be able to continue a performance even if the cord of the AC adaptor gets accidentally disconnected from the unit.

AC Adaptor  
(PSA series; sold separately)

RATE knob

Adjusts the rate of the chorus.

DEPTH knob

Adjusts the depth of the chorus.

OUTPUT A (MONO) jack

The direct sound and chorus sound are mixed and output from this jack. If you use the OUTPUT B jack for stereo output, this jack outputs only the chorus sound.

Guitar Amplifier

OUTPUT B jack

Use this jack for stereo output. The stereo output produced by this output in conjunction with the chorus sound from the OUTPUT A (MONO) jack provides a spacious chorus effect. Only the direct sound is output from the OUTPUT B jack.

Guitar Amplifier

Pedal switch

This switch turns the effect on/off.

Thumbscrew

When this screw is loosened, the pedal will open, allowing you to change the battery.

- \* For instructions on changing the battery, refer to “Changing the Battery.”

CHECK indicator

This indicator shows whether the effect is on or off, and also doubles as the battery check indicator. The indicator lights when the effect is on.

- \* If you're powering the unit with a battery and the CHECK indicator goes dim— or doesn't light at all—when you try to turn the effect on, the battery is near depletion and should be replaced. For instructions on changing the battery, refer to “Changing the Battery.”

Standard/CE-1 mode switch

Switches the mode.

<div><div>S</div><div>CE-1</div></div>	Standard	The sound of the CE-2. This is a chorus sound notable for its clarity; it will not impair the crispness of your guitar sound.
<div><div>S</div><div>CE-1</div></div>	CE-1 Chorus	The chorus sound of the CE-1. While providing an easily recognizable chorus effect with deeper modulation, this chorus is distinctively mild.
<div><div>S</div><div>CE-1</div></div>	CE-1 Vibrato	The vibrato sound of the CE-1. This is a unique chorus with strongly varying modulation.

INPUT jack

This jack accepts signals coming from a guitar or other musical instrument, or another effects unit.

- \* The INPUT jack doubles as the power switch. Power to the unit is turned on when you plug into the INPUT jack; the power is turned off when the cable is unplugged. To prevent unnecessary battery consumption, be sure to disconnect the plug from the INPUT jack when not using the effects unit.

Electric Guitar

## Precautions When Connecting

- To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.
- Once everything is properly connected, be sure to follow the procedure below to turn on their power. If you turn on equipment in the wrong order, you risk causing malfunction or equipment failure.

**When powering up:** Turn on the power to your guitar amp last.  
**When powering down:** Turn off the power to your guitar amp first.

## Use of Battery

- A battery was installed in the unit before it left the factory. The life of this battery may be limited, however, since its primary purpose was to enable testing.
- If you handle batteries improperly, you risk explosion and fluid leakage. Make sure that you carefully observe all of the items related to batteries that are listed in “USING THE UNIT SAFELY” and “IMPORTANT NOTES” (supplied on a separate sheet).
- When operating on battery power only, the unit’s indicator will become dim when battery power gets too low. Replace the battery as soon as possible.
- Batteries should always be installed or replaced before connecting any other devices. This way, you can prevent malfunction and damage.

## Changing the Battery

1. Hold down the pedal and loosen the thumbscrew, then open the pedal upward.

\* The pedal can be opened without detaching the thumbscrew completely.

2. Remove the old battery from the battery housing, and remove the snap cord connected to it.

3. Connect the snap cord to the new battery, and place the battery inside the battery housing.

\* Be sure to carefully observe the battery’s polarity (+ versus -).

4. Slip the coil spring onto the spring base on the back of the pedal, and then close the pedal.

\* Carefully avoid getting the snap cord caught in the pedal, coil spring, and battery housing.

5. Finally, insert the thumbscrew into the guide bush hole and fasten it securely.

## Specifications

Nominal Input Level	-20 dBu
Input Impedance	1 MΩ
Nominal Output Level	-20 dBu
Output Impedance	1 kΩ
Recommended Load Impedance	10 kΩ or greater
Power Supply	Alkaline battery (9 V, 6LR61) or Carbon-zinc battery (9 V, 6F22) AC adaptor (PSA series; sold separately)
Current Draw	25 mA  * Expected battery life under continuous use: Alkaline: 32 hours Carbon: 18 hours These figures will vary depending on the actual conditions of use.
Dimensions	73 (W) x 129 (D) x 59 (H) mm 2-7/8 (W) x 5-1/8 (D) x 2-3/8 (H) inches
Weight	450 g / 1lb (including battery)
Accessories	Leaflet (“USING THE UNIT SAFELY,” “IMPORTANT NOTES,” and “Information”) Alkaline battery (9 V, 6LR61)
Options (sold separately)	AC adaptor (PSA-series)

\* 0 dBu = 0.775 Vrms

\* This document explains the specifications of the product at the time that the document was issued. For the latest information, refer to the Roland website.

## OUTPUT jacks

### Mono output

### Stereo output

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02