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Caline CP-80

Caline CP-80 Reverb Delay Effects Pedal User Manual

Model: CP-80

Introduction

The Caline CP-80 "Ragnarok" is a versatile guitar effects pedal combining both reverb and delay functions. This pedal is designed to provide guitarists with a wide range of ambient sounds, from subtle echoes to lush, expansive soundscapes. It features separate controls for each effect, allowing for precise tonal shaping.

Features

- High-quality reverb and delay effects in a single pedal.
- Separate control sections for reverb and delay for independent adjustment.
- Reverb section offers lush and detailed sound.
- Delay section provides up to 600ms delay time.
- True bypass design ensures transparent tone when the effect is disengaged.
- LED indicators for effect status.
- Durable aluminum alloy casing.

Controls Overview



Figure 1: Top view of the Caline CP-80 pedal.

DECAY: Adjusts the length or duration of the reverb effect.

MIX: Controls the blend of the wet (effected) signal with the dry (original) signal for the reverb.

PRD (Pre-Delay): Sets the pre-delay time for the reverb, determining how long it takes for the reverb to become audible after the initial sound.

DELAY: Controls the delay time, ranging from 25ms to 600ms.

LEVEL: Sets the volume level of the delayed signal, mixing it with the straight guitar tone.

REPEAT: Controls the number of repetitions for the delay effect.

REVERB Footswitch: Engages or disengages the reverb effect.

DELAY Footswitch: Engages or disengages the delay effect.

Setup

1. **Power Connection:** Connect a standard DC 9V power adapter (center negative) to the DC IN jack on the top of the pedal. Ensure the power supply meets the specifications (9V, 30mA minimum). A 9V battery can also be used (not included).



Figure 2: Bottom view with power input details.

2. **Input Connection:** Connect your guitar or the output of a preceding effects pedal to the "IN" jack on the right side of the CP-80 using a standard 1/4-inch instrument cable.
3. **Output Connection:** Connect the "OUT" jack on the left side of the CP-80 to your amplifier or the input of the next effects pedal in your chain using a standard 1/4-inch instrument cable.
4. **Initial Settings:** Before powering on, set all control knobs to their middle position (12 o'clock) to start with a neutral sound.

Operating Instructions

The Caline CP-80 allows for independent control of its reverb and delay effects. Each effect can be engaged or disengaged separately using its dedicated footswitch.

Reverb Section:

- Press the **REVERB** footswitch to activate the reverb effect. The corresponding LED will illuminate.
- Adjust the **DECAY** knob to control the length of the reverb tail. Turn clockwise for longer decay, counter-clockwise for shorter.
- Use the **MIX** knob to set the balance between your dry guitar signal and the reverb effect. Turn clockwise for more

reverb, counter-clockwise for less.

- The **PRD** knob adjusts the pre-delay, which is the time before the reverb starts. This can help maintain clarity of your initial attack.

Delay Section:

- Press the **DELAY** footswitch to activate the delay effect. The corresponding LED will illuminate.
- Adjust the **DELAY** knob to set the time between repeats. Turn clockwise for longer delay times (up to 600ms), counter-clockwise for shorter.
- The **LEVEL** knob controls the volume of the delay repeats. Set it to blend the repeats effectively with your dry signal.
- Use the **REPEAT** knob to determine the number of delay echoes. Turn clockwise for more repeats, approaching self-oscillation at maximum settings.

Both effects can be used simultaneously to create complex ambient textures. Experiment with different knob settings to discover a wide range of sounds.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the pedal's surface. Avoid abrasive cleaners or solvents.
- **Storage:** Store the pedal in a dry environment, away from extreme temperatures and direct sunlight.
- **Power:** Always use a regulated 9V DC (center negative) power supply. Incorrect power can damage the unit.
- **Connections:** Ensure all cables are securely connected to prevent signal loss or intermittent operation.

Troubleshooting

Problem	Possible Cause	Solution
No sound when pedal is engaged.	Incorrect power supply; faulty cables; pedal not receiving signal.	Check power adapter (9V DC, center negative). Ensure all cables are connected correctly and are not damaged. Test with different cables.
Weak or distorted sound.	Low power; incorrect knob settings; faulty connections.	Verify power supply. Adjust LEVEL/MIX knobs. Check cable integrity.
Excessive noise or hum.	Unfiltered power supply; ground loop; interference from other equipment.	Use a high-quality, isolated power supply. Ensure proper grounding. Move pedal away from power transformers or other noisy electronics.
Effect not engaging/disengaging.	Footswitch malfunction.	Ensure the footswitch is fully pressed. If problem persists, contact customer support.

Specifications

- **Model:** CP-80 "Ragnarok"
- **Effects:** Reverb, Delay
- **Material:** Aluminum Alloy
- **Power Supply:** DC 9V (center negative) power adapter or 9V battery (not included)
- **Current Consumption:** 30mA

- **Delay Time:** 25ms - 600ms
- **Product Dimensions:** 11.9 x 9.4 x 3.8 cm (4.7 x 3.7 x 1.5 inches)
- **Item Weight:** 0.35 kg (12.35 oz)
- **Bypass:** True Bypass

Warranty

The manufacturer's warranty information for this product is not explicitly provided in the available data. Please refer to the retailer's return policy or contact Caline customer support for details regarding warranty coverage.

Support

For further assistance, technical support, or inquiries regarding your Caline CP-80 pedal, please visit the official Caline website or contact your authorized dealer. Keep your purchase receipt for any warranty claims.
You can find more information and potentially contact support via theCaline Store on Amazon.

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