Caline CP-66

Caline CP-66 Classic Flanger Electric Guitar Effects Pedal User Manual

Model: CP-66

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1. Introduction

The Caline CP-66 Classic Flanger is an electric guitar effects pedal designed to produce a wide range of modulation effects. Utilizing a BBD (Bucket Brigade Device) simulation circuit, this pedal offers versatile sound shaping capabilities, from classic flanger sweeps to chorus-like textures and vibrato effects. Its true bypass design ensures minimal tone loss when the effect is disengaged. The pedal features a durable aluminum alloy casing with a stoving varnish finish.

2. Setup

2.1 Power Connection

The CP-66 pedal requires a 9V DC power supply with a center-negative polarity. The current draw is approximately 30mA. Ensure you use a compatible power adapter to prevent damage to the unit.



Image: Side view of the Caline CP-66 pedal, illustrating the DC 9V power input, output jack, and input jack connections.

2.2 Audio Connections

1. Connect your guitar or other instrument to the**IN** jack on the right side of the pedal using a standard 1/4-inch instrument cable.
2. Connect the **OUT** jack on the left side of the pedal to your amplifier or the next pedal in your signal chain using another standard 1/4-inch instrument cable.



Image: Angled view of the Caline CP-66 pedal, highlighting the input and output jacks for audio signal routing.

3. Operation

Once the pedal is properly connected to power and your audio chain, you can engage or disengage the effect using the footswitch. The LED indicator will illuminate when the effect is active. The CP-66 features true bypass, meaning your instrument's signal passes through unaffected when the pedal is disengaged, preserving your original tone.



Image: Top view of the Caline CP-66 Flanger pedal, displaying the four control knobs and the footswitch for engaging the effect.

4. Controls

The Caline CP-66 Flanger pedal is equipped with four adjustable knobs to fine-tune your desired flanger effect:

- **REGEN (Regeneration):** Controls the amount of feedback in the flanger effect. Higher settings increase the intensity and resonance of the sweep.
- **DELAY TIME:** Adjusts the initial delay time of the flanger. This knob influences the character of the sweep, from subtle to more pronounced.
- **WIDTH:** Determines the depth or range of the flanger sweep. A wider setting creates a more dramatic, expansive effect.
- **SPEED:** Controls the rate at which the flanger effect sweeps. Turn clockwise for faster modulation, counter-clockwise for slower, more gradual sweeps.

By experimenting with these controls, you can achieve a variety of sounds, including jet airplane swooshes, space-like

textures, subtle chorus-like movements, and rapid vibrato effects.

5. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid using abrasive cleaners or solvents, which may damage the finish.
- **Storage:** Store the pedal in a dry environment, away from extreme temperatures and humidity.
- **Power:** Always use the specified 9V DC center-negative power supply. Disconnect power when the pedal is not in use for extended periods.
- **Connections:** Ensure all cables are securely connected to prevent signal loss or intermittent operation.

6. Troubleshooting

- **No Sound:**
  - Check all cable connections (guitar to IN, OUT to amplifier).
  - Verify the power supply is correctly connected and providing 9V DC center-negative power.
  - Ensure your guitar and amplifier are functioning correctly.
  - Check if the pedal is engaged (LED should be lit).
- **Weak or Distorted Sound:**
  - Ensure the power supply is stable and providing sufficient current (30mA).
  - Check instrument cables for damage.
  - Adjust the pedal's control knobs; extreme settings might produce unexpected results.
- **Effect Not Engaging:**
  - Press the footswitch firmly.
  - Check power supply.

7. Specifications

Feature	Detail
Model	CP-66 Classic Flanger
Color	White
Material	Aluminum Alloy
Power Requirements	9V DC (center negative)
Current Draw	30mA
Signal Format	Analog
Bypass	True Bypass
Item Dimensions (L x W x H)	5.1 x 3.1 x 2.3 inches (approx.)
Item Weight	10.24 ounces (approx.)

8. Warranty & Support

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official Caline website. Keep your proof of purchase for any warranty claims.

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