Caline CP-66

Caline CP-66 Classic Flanger Guitar Effects Pedal User Manual

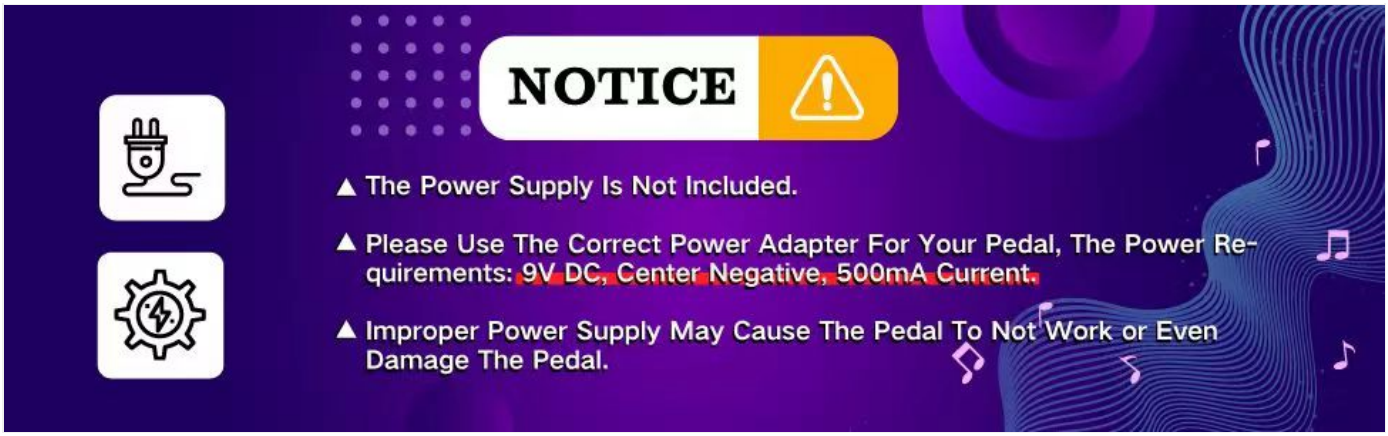
Model: CP-66

Introduction

The Caline CP-66 Classic Flanger is a versatile guitar effects pedal designed to produce a wide range of modulation effects, from subtle swirls to dramatic jet-plane sounds. Featuring a BBD analog circuit, this pedal offers four intuitive control knobs to shape your desired flanger tones. Its true bypass design ensures minimal tone loss when the effect is disengaged. The durable aluminum alloy shell provides robust protection for reliable performance.

Safety Information

- Use only the specified power supply (9V DC, center negative, 500mA current). Incorrect power can damage the pedal.
- Do not expose the unit to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the pedal to strong impacts.
- Do not attempt to open or repair the unit yourself. Refer all servicing to qualified personnel.
- Keep out of reach of children.



This image displays a crucial notice regarding the power supply requirements for the Caline CP-66 pedal. It emphasizes that the power supply is not included, and users must use a correct 9V DC, center negative, 500mA power adapter to prevent damage to the pedal.

Product Overview

Features

- BBD analog circuit for classic flanger tones.
- Four control knobs: SPEED, REGEN, WIDTH, and DELAY for comprehensive sound shaping.
- Capable of producing jet-plane effects, space effects, short delays, wave-like chorus, and vibrato sounds.
- True Bypass design minimizes tone loss when the effect is off.
- LED indicator shows the pedal's operational status.
- Constructed with a durable aluminum alloy shell.

Controls and Connections



This image shows the top panel of the Caline CP-66 Flanger pedal, highlighting the four control knobs (SPEED, REGEN, WIDTH, DELAY) and the footswitch. The input and output jacks are visible on the sides.

SPEED Knob: Adjusts the rate of the flanger sweep.

REGEN Knob: Controls the amount of feedback, influencing the intensity and resonance of the flanger effect.

WIDTH Knob: Determines the depth or range of the flanger sweep.

DELAY Knob: Sets the initial delay time, affecting the character of the flanger.

Footswitch: Engages or disengages the effect.

IN Jack: 1/4-inch mono input for connecting your instrument.

OUT Jack: 1/4-inch mono output for connecting to an amplifier or other effects.

DC 9V Input: Power input for a 9V DC center-negative power adapter.

LED Indicator: Illuminates when the effect is active.

Setup

Powering the Pedal

The Caline CP-66 can be powered by a 9V battery or a 9V DC power adapter (neither included). A battery clip is provided for 9V battery use.

1. **Using a 9V Battery:** Connect a 9V battery to the included battery clip. The battery will hang externally from the pedal.
2. **Using a Power Adapter:** Connect a 9V DC center-negative power adapter (minimum 30mA, 500mA recommended) to the DC 9V input jack on the pedal.



This image shows the Caline CP-66 pedal alongside its retail box and the included battery clip, illustrating how the pedal is packaged and the accessory for battery power.

Connecting to Your Rig

1. Connect your guitar or other instrument to the**IN** jack of the CP-66 pedal using a standard 1/4-inch instrument cable.
2. Connect the **OUT** jack of the CP-66 pedal to your amplifier or the input of another effects pedal using a standard 1/4-inch instrument cable.
3. Ensure all connections are secure before applying power.

Operating Instructions

Once the pedal is connected and powered, you can begin to explore its flanger effects.

1. **Engaging the Effect:** Press the footswitch to turn the effect on. The LED indicator will illuminate. Press it again to bypass the effect; the LED will turn off.
2. **Adjusting the Sound:**
    - Turn the **SPEED** knob clockwise for a faster flanger sweep, and counter-clockwise for a slower sweep.
    - Adjust the **REGEN** knob to increase or decrease the feedback. Higher settings create more intense, resonant, and sometimes self-oscillating flanger sounds.
    - The **WIDTH** knob controls the overall depth of the flanger effect. Higher settings result in a more pronounced and wider sweep.
    - Use the **DELAY** knob to set the initial delay time of the flanger. This significantly alters the character of the effect, from subtle chorus-like sounds to distinct jet-plane swooshes.
3. Experiment with different combinations of the four knobs to discover a wide array of flanger, chorus, vibrato, and unique modulated tones.

Maintenance

- **Cleaning:** Wipe the pedal with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the pedal in a dry, cool place away from direct sunlight and extreme temperatures. If storing for an extended period, remove the 9V battery to prevent leakage.
- **Connections:** Periodically check all cables and connections for wear and tear.

Troubleshooting

Problem	Possible Cause	Solution
No sound when pedal is engaged.	◦ No power or incorrect power supply. ◦ Incorrect cable connections. ◦ Faulty cables.	◦ Ensure 9V DC center-negative power supply is connected and functional, or replace 9V battery. ◦ Verify instrument is connected to IN, and amplifier to OUT. ◦ Test with different cables.

Problem	Possible Cause	Solution
Excessive background noise or hum.	◦ Poor quality power supply. ◦ Ground loop issues. ◦ High REGEN settings can introduce noise.	◦ Use a regulated, isolated power supply. ◦ Ensure all equipment is properly grounded. ◦ Reduce the REGEN knob setting.
LED does not light up.	◦ No power to the pedal. ◦ Footswitch not engaged.	◦ Check power supply/battery. ◦ Press the footswitch to engage the effect.

Specifications

Model Name	CP-66
Brand	Caline
Signal Format	Analog
Audio Output Effects	Flanger, Chorus, Vibrato, Delay
Controls Type	Knob (SPEED, REGEN, WIDTH, DELAY)
Power Source	9V Battery or 9V DC Power Adapter (Center Negative)
Voltage	9 Volts
Amperage	30 Milliamps (minimum requirement)
Hardware Interface	1/4-inch Audio Input/Output
Product Dimensions (L x W x H)	4.4" x 2.5" x 1.6" (11.18 cm x 6.35 cm x 4.06 cm)
Item Weight	8.2 Ounces (232 grams)
Included Components	1 * Effect Pedal, 1 * Battery Clip

Warranty

Caline products typically come with a limited manufacturer's warranty. For specific details regarding the warranty period and terms for your CP-66 pedal, please refer to the documentation included with your purchase or visit the official Caline website. Keep your proof of purchase for warranty claims.

Support

If you encounter any issues or have questions regarding your Caline CP-66 Classic Flanger pedal that are not covered in this manual, please contact Caline customer support. You can usually find contact information on the official Caline website or through your retailer.
Visit the Caline Store on Amazon for more information and products.

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