Caline CP-55

Caline CP-55 American Sound Overdrive Guitar Effect Pedal

Instruction Manual

Model: CP-55 | Brand: Caline

1. Introduction

The Caline CP-55 American Sound is a guitar effect pedal designed to simulate the tone of a classic Fender '57 Deluxe amplifier. It allows guitarists to achieve a wide range of tones, from pristine clean sounds to smooth overdrive, providing versatile sonic options for various musical styles.

2. Key Features

- **Amplifier Simulation:** Modeled after a Fender '57 Deluxe amp, offering tones from clean to overdrive.
- **Versatile Tone Shaping:** Features 6 controls for comprehensive EQ and overdrive response adjustments.
- **True Bypass:** Ensures your guitar's tone remains unaffected when the pedal is disengaged.
- **Durable Construction:** Housed in a robust aluminum alloy casing for longevity.
- **Compact Design:** Designed for easy integration into any pedalboard setup.

3. Controls and Functions

The Caline CP-55 features six control knobs to precisely shape your sound:

- **Low:** Adjusts the low-frequency response of the pedal.
- **Mid:** Controls the mid-range frequencies, impacting the pedal's presence and punch.
- **High:** Modifies the high-frequency content, affecting brightness and clarity.

- **Level:** Sets the overall output volume of the effect.
- **Voice:** This unique control shapes the character of the amplifier simulation, allowing for a wide spectrum of tonal variations.
- **Drive:** Adjusts the amount of overdrive or gain, from subtle breakup to rich distortion.



Figure 1: Top view of the Caline CP-55 pedal, showing the six control knobs (Low, Mid, High, Level, Voice, Drive) and the footswitch.

4. Setup

Follow these steps to set up your Caline CP-55 pedal:

1. **Power Connection:** Connect a 9V DC center-negative power adapter (not included) to the DC 9V input jack on the pedal. Ensure the power supply meets the specified requirements to prevent damage.
2. **Input Connection:** Connect your guitar to the 'IN' jack on the right side of the pedal using a standard 1/4-inch instrument cable.
3. **Output Connection:** Connect the 'OUT' jack on the left side of the pedal to your amplifier or the next pedal in your signal chain using a standard 1/4-inch instrument cable.
4. **Power On:** Once all connections are secure, apply power to the pedal. The LED indicator will illuminate

when the pedal is active.



Figure 2: The Caline CP-55 pedal with input and output cables connected, ready for use.

5. Operating the Pedal

The Caline CP-55 features a true bypass footswitch. Press the footswitch to toggle the effect on or off. The LED indicator will show the pedal's status.

- **Clean Tones:** Start with the Drive knob set low and adjust the Level to match your desired volume. Use the Low, Mid, and High controls to fine-tune your clean tone. The Voice knob can add subtle character.
- **Overdrive Tones:** Gradually increase the Drive knob to introduce breakup and distortion. Experiment with the Voice knob to explore different amplifier characteristics, from warm bluesy overdrive to more aggressive rock tones.
- **EQ Adjustment:** The Low, Mid, and High controls are highly interactive. Adjust them to suit your guitar, amplifier, and playing style. For example, boosting Mids can help your guitar cut through a mix, while adjusting Lows can add warmth or tightness.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the pedal. Avoid abrasive cleaners or solvents.
- **Storage:** Store the pedal in a dry environment, away from extreme temperatures and direct sunlight.
- **Power Supply:** Always use a 9V DC center-negative power supply. Incorrect power can damage the unit and void the warranty.

7. Troubleshooting

- **No Sound:** Check all cable connections (guitar, pedal, amp). Ensure the power supply is correctly connected and functioning. Verify that your guitar and amplifier are working correctly.
- **Weak/Distorted Sound:** Check the power supply. Ensure instrument cables are not faulty. Adjust the Level and Drive knobs.
- **Excessive Noise:** Ensure all cables are properly shielded. Try a different power supply to rule out noise from the adapter. Keep the pedal away from strong electromagnetic interference.

8. Specifications

Specification	Value
Model Number	Caline CP-55
Power Requirement	9V DC Center Negative (Not included)
Body Material	Aluminum alloy
Item Weight	8.4 ounces (0.24 Kilograms)
Product Dimensions	5.4 x 4.9 x 2.9 inches (4.72"L x 2.95"W x 5.71"H)
Signal Format	Analog
Connector Type	1/4-inch Audio (Barrel Connector for power)
Color	Yellow

9. Warranty

Caline products are designed for reliability and performance. Please refer to the manufacturer's website or your retailer for specific warranty information and terms of service.

10. Support

For further assistance, technical support, or product inquiries, please visit the official Caline website or contact your authorized Caline dealer.