Caline CP-24

Caline CP-24 10-Band EQ Equalizer Guitar Effects Pedal User Manual

Brand: Caline | Model: CP-24

1. Introduction

The Caline CP-24 is a versatile 10-band graphic equalizer pedal designed for guitar and bass. It allows precise control over your instrument's tone across a wide frequency spectrum, from 31.25 Hz to 16 kHz. Each frequency band can be boosted or cut by up to 12 dB, providing extensive sound shaping capabilities. Additionally, a dedicated Gain slider offers overall volume adjustment. This pedal features a true bypass design to ensure your signal remains unaffected when the pedal is disengaged.



Image: Front view of the Caline CP-24 10-Band EQ Equalizer Guitar Effects Pedal, showcasing its sliders and footswitch.

2. Features

- **10-Band Graphic Equalizer:** Provides precise tone control from 31.25 Hz to 16 kHz.
- **+/- 12 dB Boost/Cut:** Each frequency band offers a wide range of adjustment.
- **Dedicated Gain Control:** Allows for overall volume adjustment or boost.
- **True Bypass:** Minimizes tone loss when the effect is disengaged.
- **Sturdy Aluminum Alloy Case:** Ensures durability and road-worthiness.
- **Lighted Sliders:** Enhances visibility in low-light conditions.
- **Silent Circuits:** Designed for low noise operation.

3. Controls and Connections

3.1 Control Layout



Image: Top view of the Caline CP-24 pedal with numbered labels indicating controls and connections.

1. **OUT Jack:** 1/4-inch mono audio output jack. Connect this to your amplifier's input or the next pedal in your signal chain.
2. **DC 9V Input:** Power input for a standard 9V DC adapter (center negative).
3. **IN Jack:** 1/4-inch mono audio input jack. Connect your instrument or the output of the preceding pedal here.
4. **EQ Sliders (31.25 Hz - 16 kHz) and Gain Slider:**These are the 11 sliders. The 10 EQ sliders adjust the level of specific frequency bands, from 31.25 Hz (low bass) to 16 kHz (high treble). The Gain slider adjusts the overall output volume of the pedal. Each slider can boost or cut the signal by up to 12 dB. The center position (0) indicates no boost or cut.
5. **Footswitch:** Engages or disengages the effect. When engaged, the sliders' lights will illuminate.

3.2 Side Panel Connections



Image: Angled view of the Caline CP-24 pedal, highlighting the input, output, and DC 9V power jacks.

The IN, OUT, and DC 9V connections are clearly labeled on the pedal's side and top panels for easy setup.

4. Setup

4.1 Power Supply

The Caline CP-24 requires a standard 9V DC power supply with a center-negative plug. Ensure your power supply meets these specifications to prevent damage to the pedal. The pedal does not operate on batteries internally, but can be powered by a 9V battery using an external battery clip to DC plug adapter.

4.2 Connecting Your Pedal

1. Connect your guitar or the output of a preceding pedal to the **IN** jack of the CP-24.
2. Connect the **OUT** jack of the CP-24 to your amplifier's input or the input of the next pedal in your signal chain.
3. Connect a 9V DC center-negative power supply to the **DC 9V** input.
4. Ensure all cables are securely connected before applying power.

5. Operation

5.1 Engaging the Effect

Press the footswitch to engage the equalizer effect. The lights on the sliders will illuminate, indicating that the pedal is active. Press the footswitch again to bypass the effect; the lights will turn off, and your signal will pass through unaffected (true bypass).

5.2 Adjusting Equalization

Use the 10 frequency sliders to shape your tone. Each slider corresponds to a specific frequency band (31.25 Hz, 62.5 Hz, 125 Hz, 250 Hz, 500 Hz, 1K Hz, 2K Hz, 4K Hz, 8K Hz, 16K Hz). Moving a slider up boosts that frequency band, while moving it down cuts it. The center position (0) is a flat response for that band. Experiment with different settings to achieve your desired sound. For example:

- Boosting lower frequencies (31.25 Hz - 125 Hz) can add warmth and bass.
- Adjusting mid-range frequencies (250 Hz - 2K Hz) can affect the presence and clarity of your instrument.
- Boosting higher frequencies (4K Hz - 16K Hz) can add sparkle and definition.

5.3 Gain Control

The **GAIN** slider controls the overall output level of the pedal. Use this to match the volume of your bypassed signal, or to provide a clean boost to your amplifier. Be mindful that excessively high gain settings, especially when boosting multiple frequency bands, can introduce unwanted noise or distortion.

6. Maintenance

6.1 Cleaning

To clean the pedal, use a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these can damage the finish or internal components. Ensure the pedal is disconnected from power before cleaning.

6.2 Storage

Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, disconnect all cables and power.

6.3 Power Considerations

Always use the correct 9V DC center-negative power supply. Using an incorrect power supply can damage the pedal and void the warranty. Disconnect power when the pedal is not in use to prolong its lifespan.

7. Troubleshooting

7.1 No Sound

- Check all cable connections (guitar to IN, OUT to amp).
- Ensure the power supply is correctly connected and functioning.
- Verify that the footswitch is engaged (lights on sliders should be illuminated).
- Check the Gain slider; if it is set too low, the output volume may be inaudible.

7.2 Excessive Noise/Hum

- Ensure you are using a high-quality, isolated 9V DC power supply. Non-isolated power supplies can introduce ground loop hum.
- Reduce the Gain slider setting. High gain can amplify existing noise in your signal chain.
- Lower any boosted frequency bands, especially high frequencies, as these can exacerbate hiss.
- Check for faulty cables or other noisy pedals in your signal chain.

7.3 Pedal Not Engaging

- Confirm the power supply is connected and providing power.
- Press the footswitch firmly. If the lights do not illuminate, there may be a power issue or a fault with the footswitch.

8. Specifications

Brand	Caline
Model Name	CP-24
Model Number	CL-CP24
Style	Equalizer
Color	Black
Product Dimensions (L x W x H)	4.7" x 3.7" x 2.1" (11.9 cm x 9.4 cm x 5.3 cm)
Item Weight	12.32 ounces (349 grams)
Voltage	9 volts DC
Amperage	30 milliamps
Audio Output Effects	Equalization
Hardware Interface	1/4-inch Audio
Signal Format	Analog
Connector Type	Barrel Connector (for power)
UPC	965265764244

9. Warranty and Support

9.1 Warranty Information

The Caline CP-24 pedal comes with a 1-year warranty. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects but typically does not cover damage caused by misuse, unauthorized modifications, or incorrect power supply usage.

9.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Caline customer support through their official website or your retailer. Provide your product model number (CP-24) and proof of purchase when contacting support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question