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Caline CP02

Caline CP-02 Mini Guitar Power Supply User Manual

1. Introduction

The Caline CP-02 is a compact power supply designed for guitar effect pedals. It features six isolated DC outputs, providing stable and clean power to various 9V pedals. Its mini size makes it suitable for pedalboards with limited space.



Figure 1: Caline CP-02 Mini Guitar Power Supply. This image displays the compact design of the power supply unit.

Key Features:

- Six isolated DC outputs: two 9V 100mA, two 9V 300mA, and two 9V 500mA.
- Integrated noise reduction function for a cleaner signal.
- Independent short-circuit protection for each output, ensuring other outputs remain functional if one experiences a short.
- Constructed from aluminum alloy for a lightweight and portable design.
- Includes an adapter and six DC power cables.

2. Important Safety Information

Please read and understand the following safety precautions before using the Caline CP-02 power supply. Failure to comply may result in electric shock, fire, or damage to the unit or connected equipment.

- **Power Source:** Only use the provided 18V 1A adapter with this unit. Using an incorrect adapter may cause damage or malfunction.
- **Environment:** Do not expose the unit to water, moisture, excessive heat, or direct sunlight. Operate in a dry, well-ventilated area.
- **Ventilation:** Ensure proper airflow around the unit. Do not block ventilation openings.
- **Servicing:** Do not attempt to open or service the unit yourself. Refer all servicing to qualified personnel.
- **Cables:** Ensure all cables are securely connected and free from damage. Avoid placing heavy objects on cables.
- **Output Matching:** Always match the voltage and current requirements of your effect pedals to the corresponding outputs on the CP-02.

3. Setup Guide

Package Contents:

Verify that your package contains the following items:

- 1 x Caline CP-02 Power Supply Unit
- 1 x 18V 1A Power Adapter
- 6 x DC Power Cables (5.5mm x 2.1mm center-negative)
- 1 x Velcro strip (for pedalboard mounting)

Connecting the Power Supply:

1. Connect the provided 18V 1A power adapter to the**IN DC 18V** input jack on the Caline CP-02 unit.
2. Plug the power adapter into a suitable AC wall outlet. The power indicator light on the CP-02 will illuminate, indicating it is receiving power.
3. Using the included DC power cables, connect your 9V effect pedals to the appropriate output jacks on the CP-02. Ensure the current requirements (mA) of your pedals match the output specifications of the CP-02.

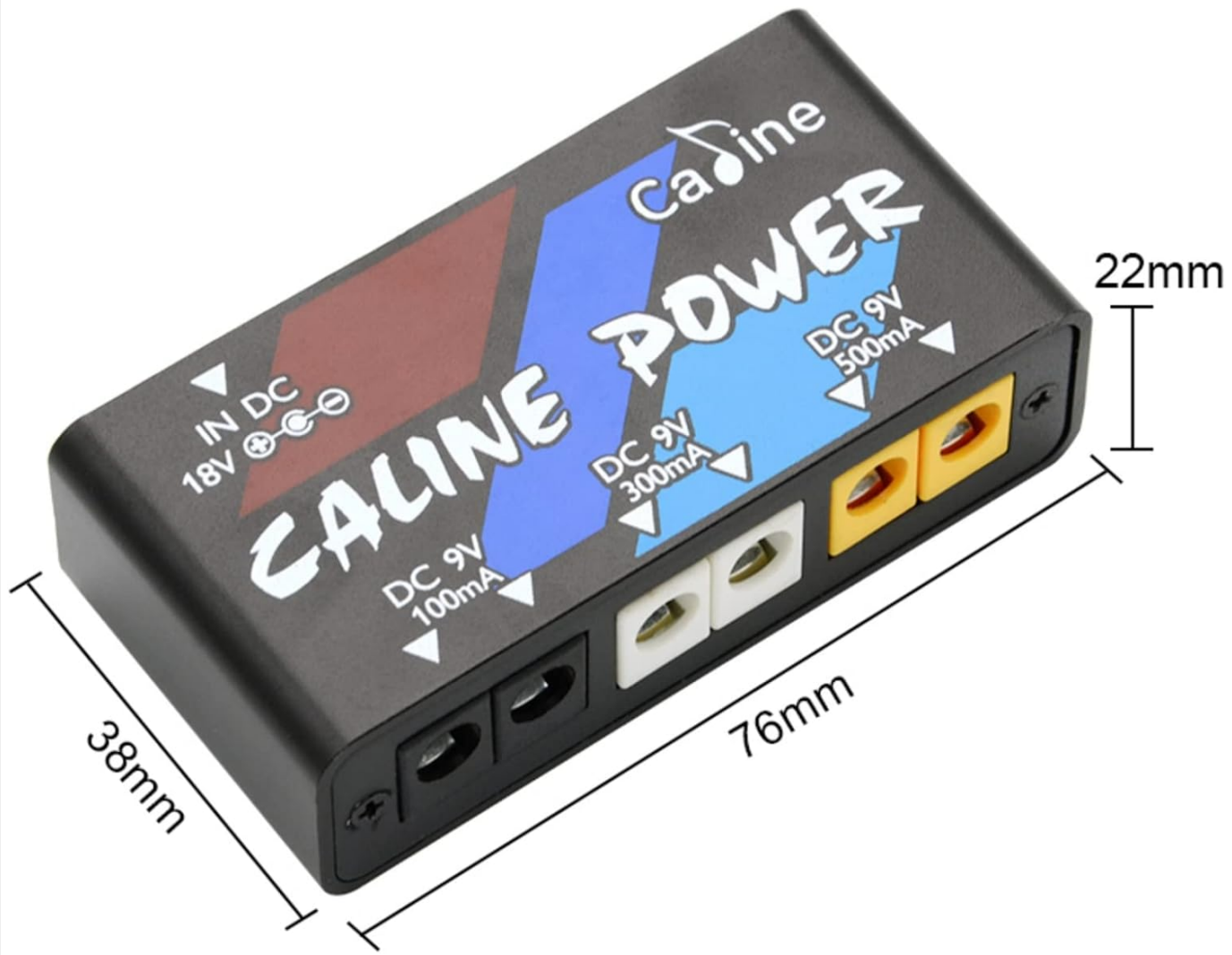


Figure 2: Caline CP-02 with dimensions and output labels. This image illustrates the physical layout of the power supply, including input and output specifications and overall dimensions.

4. Operating Instructions

Powering Your Pedals:

The Caline CP-02 provides six isolated 9V DC outputs, each with different current capacities to accommodate various effect pedals:

- **Two Black Channels:** 9V DC @ 100mA (suitable for low-current analog pedals)
- **Two White Channels:** 9V DC @ 300mA (suitable for moderate-current digital pedals)
- **Two Yellow Channels:** 9V DC @ 500mA (suitable for high-current digital pedals and multi-effects)

To operate, simply connect your pedals to the appropriate output jacks using the provided DC cables. The CP-02 will automatically supply power once connected to the main adapter and wall outlet. There is no on/off switch; power is supplied when the unit is plugged in.



Figure 3: Caline CP-02 held in hand. This image highlights the compact and portable nature of the power supply unit.

5. Care and Maintenance

- **Cleaning:** Disconnect the power supply from all power sources and pedals before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or abrasive materials.
- **Storage:** When not in use for extended periods, store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the unit to strong impacts, as this may damage internal components.

6. Troubleshooting

- **No Power to Pedals:**
  - Ensure the 18V 1A adapter is securely connected to the CP-02 and a working wall outlet.
  - Check if the power indicator light on the CP-02 is illuminated.

- Verify that the DC power cables are correctly connected to both the CP-02 output and the pedal's input.
- Test the pedal with a known working power source to rule out pedal malfunction.

- **Excessive Noise/Hum:**
  - Ensure all cables are properly shielded and in good condition.
  - Verify that the current draw of your pedals does not exceed the specified mA rating for each output. Overloading an output can cause instability.
  - Check for ground loops by ensuring all equipment is connected to the same power strip or outlet.
  - Move the power supply away from other electronic devices that may cause interference.

- **One Output Not Working:**
  - The CP-02 features independent short-circuit protection. If one output stops working, disconnect the pedal from that output and check the pedal for faults. The other outputs should remain functional.
  - Try connecting a different pedal to the problematic output to determine if the issue is with the output or the original pedal.

7. Specifications

Feature	Specification
Model Number	CP02
Input Power	18V DC, 1A
Output Wattage	18 Watts
Output 1 & 2 (Black)	9V DC @ 100mA
Output 3 & 4 (White)	9V DC @ 300mA
Output 5 & 6 (Yellow)	9V DC @ 500mA
Connector Type	5.5mm x 2.1mm center-negative DC
Dimensions (L x W x H)	76mm x 38mm x 22mm (approx.)
Material	Aluminum Alloy
Cooling Method	Air
Compatible Devices	Drum machine effect pedals, multiple effect pedals, digital delays, etc.

8. Warranty and Support

Caline products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your purchase or visit the official Caline website. For technical support or inquiries, please contact Caline customer service through their official channels.

You can find more information and contact details on theCaline Brand Store on Amazon.

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