

Manuals.plus /

› Caline /

› Caline CP-04 Guitar Pedal Power Supply User Manual

Caline CP-04

Caline CP-04 Guitar Pedal Power Supply User Manual

Model: CP-04 | Brand: Caline

INTRODUCTION

The Caline CP-04 is a versatile power supply designed for guitar effect pedals. It features 10 isolated DC outputs providing various voltage and current options (9V, 12V, 18V) to power a wide range of pedals. Additionally, it includes a USB port for charging mobile devices. Constructed from aluminum alloy, this unit is built for durability and portability, making it suitable for both studio and stage use.

WHAT'S IN THE BOX

Please verify that all items listed below are included in your package:

- 1 x Caline CP-04 10-way Pedal Power Supply
- 1 x Power Adapter (AC 110-240V, 50/60Hz input, 18V 1A output)
- 2 x Polarity Reversal Cables
- 10 x DC Power Cable Cords
- 1 x User Manual

PRODUCT FEATURES

- **10 Isolated Outputs:** Provides stable power to multiple pedals without interference.
- **Versatile Voltage Options:** Includes 4 x 9V 100mA, 3 x 9V 300mA, 1 x 9V 500mA, 1 x 12V 300mA, and 1 x 18V 100mA outputs.
- **Noise Reduction:** Designed to minimize unwanted noise for a cleaner audio signal.
- **Durable Construction:** Made from lightweight and portable aluminum alloy.
- **Independent Short-Circuit Protection:** Ensures that a short circuit in one output does not affect the operation of other outputs. LED indicators show power status for each output.
- **USB Charging Port:** Conveniently charge mobile phones or other USB-powered devices.

SETUP GUIDE

1. Unpacking and Inspection

Carefully remove all components from the packaging. Inspect the power supply and accessories for any signs of damage. If any damage is found, do not proceed with setup and contact customer support.

2. Connecting the Power Supply

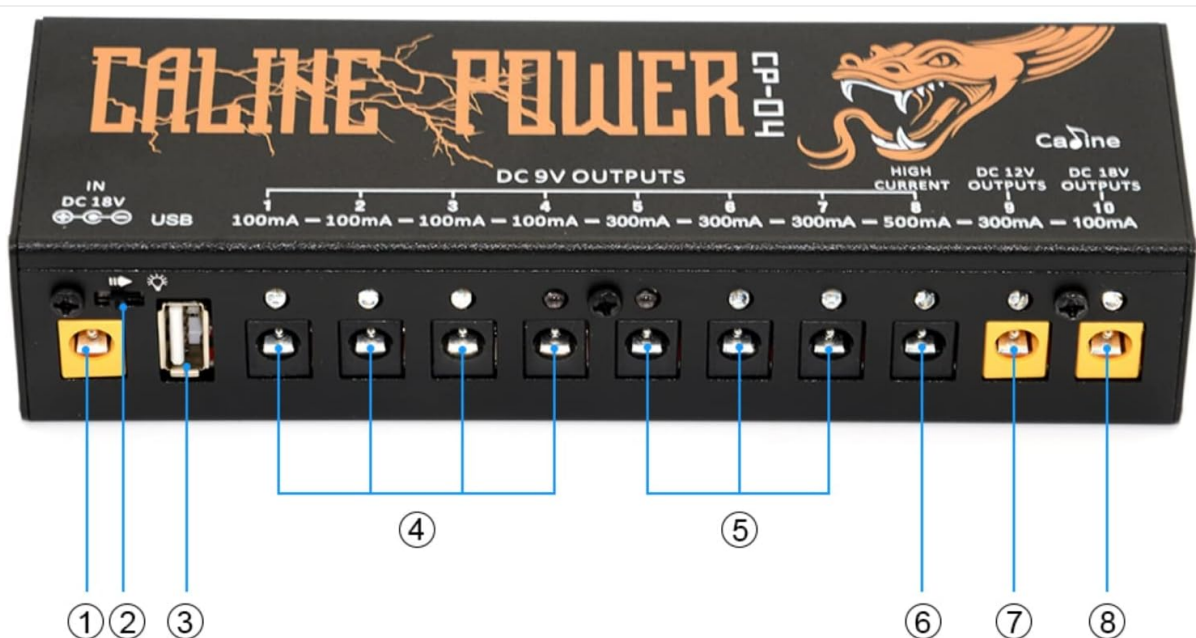
Connect the provided 18V 1A power adapter to the DC 18V Input port on the Caline CP-04. Plug the power adapter into a suitable AC outlet (110-240V, 50/60Hz). Ensure that only the supplied power adapter is used. Using an unapproved adapter may damage the unit or connected devices.



An overhead view of the Caline CP-04 power supply, showing its compact size with approximate dimensions of 16.5cm length, 5cm width, and 3.3cm height. The input and output ports are visible.

3. Connecting Effect Pedals

Identify the voltage and current requirements for each of your guitar effect pedals. Use the provided DC power cables to connect your pedals to the appropriate output ports on the CP-04. If a pedal requires reverse polarity, use one of the included polarity reversal cables.



- | | |
|-------------------------|-----------------------|
| ① DC 18V Input | ⑤ DC 9V Output 300mA |
| ② Switch for LED Lights | ⑥ DC 9V Output 500mA |
| ③ USB Interface | ⑦ DC 12V Output 300mA |
| ④ DC 9V Output 100mA | ⑧ DC 18V Output 100mA |

A close-up view of the Caline CP-04 power supply's ports, clearly labeled with numbers indicating: (1) DC 18V Input, (2) Switch for LED Lights, (3) USB Interface, (4) DC 9V Output 100mA, (5) DC 9V Output 300mA, (6) DC 9V Output 500mA, (7) DC 12V Output 300mA, (8) DC 18V Output 100mA.

1. **DC 18V Input:** Main power input for the unit.
2. **Switch for LED Lights:** Toggles the LED indicators for the output ports.
3. **USB Interface:** For charging external devices.
4. **DC 9V Output 100mA (x4):** Standard 9V outputs for low-current pedals.
5. **DC 9V Output 300mA (x3):** Higher current 9V outputs for more demanding pedals.
6. **DC 9V Output 500mA (x1):** High-current 9V output for digital or power-hungry pedals.
7. **DC 12V Output 300mA (x1):** For pedals requiring 12V power.
8. **DC 18V Output 100mA (x1):** For pedals requiring 18V power.

OPERATING INSTRUCTIONS

Once all pedals are connected and the power adapter is plugged in, the unit is ready for operation. The LED lights for each output will illuminate, indicating that power is being supplied. If you prefer to operate without the LED lights, use the 'Switch for LED Lights' to turn them off.

Output Specifications:

- 4 x 9V DC @ 100mA
- 3 x 9V DC @ 300mA
- 1 x 9V DC @ 500mA

- 1 x 12V DC @ 300mA
- 1 x 18V DC @ 100mA

Ensure that the total current draw of your connected pedals does not exceed the maximum current rating for each individual output. The USB port can be used to charge compatible mobile devices.

MAINTENANCE

The Caline CP-04 requires minimal maintenance. To ensure optimal performance and longevity:

- Keep the unit clean by wiping it with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- Store the power supply in a dry environment, away from extreme temperatures and direct sunlight.
- Avoid exposing the unit to moisture or liquids.
- Do not attempt to open the casing or modify the internal components, as this will void the warranty and may cause damage.

TROUBLESHOOTING

If you encounter issues with your Caline CP-04, please refer to the following common problems and solutions:

- **No Power / LEDs Not Lighting Up:**
Ensure the 18V power adapter is securely connected to both the CP-04 and a working AC outlet. Check the 'Switch for LED Lights' to ensure it is in the 'on' position if you expect the LEDs to be illuminated. Verify that you are using the original Caline 18V 1A power adapter.
- **One Pedal Not Receiving Power:**
The CP-04 features independent short-circuit protection. If one output is short-circuited, its corresponding LED will turn off, and that output will cease to provide power, while other outputs continue to function. Disconnect the problematic pedal and check its power requirements and cable for faults.
- **Humming or Noise from Pedals:**
While the CP-04 has noise reduction, external factors can still introduce noise. Ensure all cables are properly shielded and connected. Verify that the correct voltage and current outputs are being used for each pedal. Isolated outputs help prevent ground loops, but ensure your overall setup is correctly grounded.
- **Pedal Malfunction:**
Confirm that the pedal's voltage and current requirements match the output it is connected to. Incorrect voltage or insufficient current can cause erratic behavior or damage. Also, ensure correct polarity; use polarity reversal cables if necessary.

SPECIFICATIONS

| | |
|-------------------------------|--|
| Input Power | 18V DC, 1A |
| Power Adapter Input | AC 110-240V, 50/60Hz |
| Output Ports | 10 Isolated DC Outputs + 1 USB Port |
| DC Output 1-4 | 9V @ 100mA (each) |
| DC Output 5-7 | 9V @ 300mA (each) |
| DC Output 8 | 9V @ 500mA |
| DC Output 9 | 12V @ 300mA |
| DC Output 10 | 18V @ 100mA |
| USB Output | Standard USB charging port |
| Material | Aluminum Alloy |
| Dimensions (L x W x H) | Approx. 16.5 x 5 x 3.3 cm (6.5 x 2 x 1.3 inches) |
| Item Weight | Approx. 0.53 kg (1.16 pounds) |

WARRANTY INFORMATION

Caline products are designed for reliability and performance. This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. The warranty period typically begins from the date of purchase. Please retain your proof of purchase for warranty claims. This warranty does not cover damage caused by misuse, unauthorized modification, accident, or improper connection to power sources.

CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact your retailer or the official Caline customer support channel. Refer to the Caline website or product packaging for the most current contact information.