Caline CP-507 Mariana

Caline CP-507 Mariana Modulated Digital Reverbs Guitar Effects Pedal User Manual

1. Introduction

The Caline CP-507 Mariana is a versatile digital reverb guitar effects pedal designed to provide a wide array of atmospheric and modulated reverb sounds. This manual provides essential information for the proper setup, operation, and maintenance of your CP-507 Mariana pedal.

2. Product Overview

2.1 Key Features

- 7 distinct modulated reverb types.
- Three independent control knobs (A, B, C) with functions that adapt to each of the seven reverb presets.
- Durable aluminum alloy casing for road-ready performance.
- Compact dimensions: 11.2 x 6.4 x 3.4 cm.
- Lightweight design: 270g.

2.2 Controls and Connections





Image 1: Front view of the Caline CP-507 Mariana pedal. This image displays the three main control knobs (A, B, C), the central rotary switch for selecting reverb types, and the footswitch. The labels for each control's function per effect are also visible on the pedal's surface.



Image 2: Angled view of the Caline CP-507 Mariana pedal. This image highlights the input (IN), output (OUT), and DC 9V power input jacks located on the sides of the pedal.

- **Knob A:** Multi-function control. Its specific parameter changes depending on the selected reverb type. Functions include Bass EQ, Mix, Tremolo Mix, Depth, Rate, and Pitch Mix.
- **Knob B:** Multi-function control. Its specific parameter changes depending on the selected reverb type. Functions include Treble EQ, Width, Speed, Rate, Mix, and Verb Mix.
- **Knob C:** Multi-function control. Its specific parameter changes depending on the selected reverb type. Functions include Decay, Verb Mix, Depth, and Pitch.
- **Effect Selector Knob:** A central rotary switch used to select one of the seven available reverb types: The Abyss, Hot Springs, The Bends, Propeller, The Deep, Mermaids, and The Kraken.
- **Footswitch:** Engages or bypasses the effect.
- **IN Jack:** 1/4-inch mono input for your guitar or other instrument.
- **OUT Jack:** 1/4-inch mono output to your amplifier or next pedal in the signal chain.
- **DC 9V Jack:** Power input for a 9V DC center-negative power adapter.

3. Setup

3.1 Power Requirements

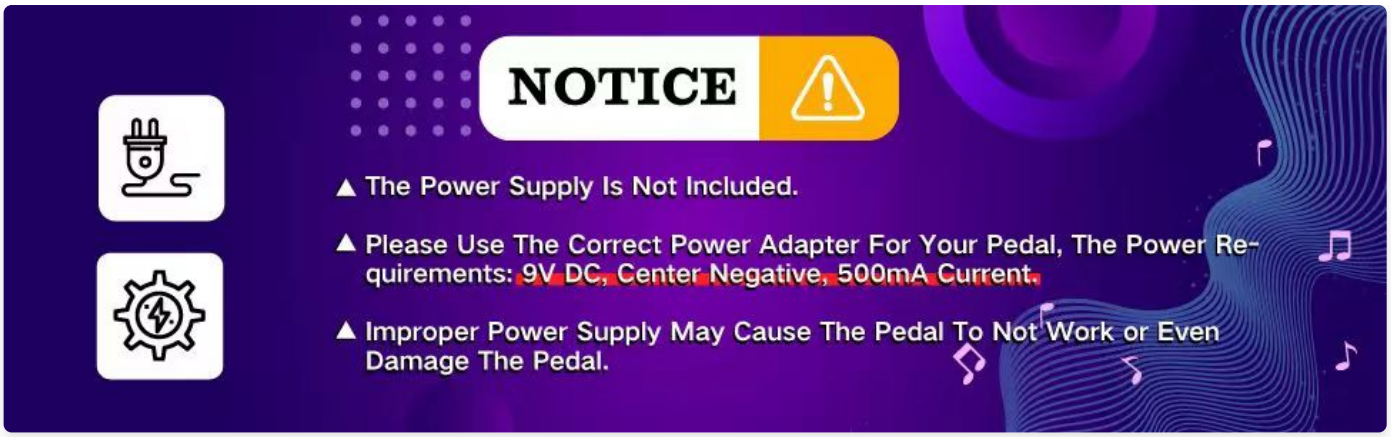


Image 3: Power supply notice. This image emphasizes the need for a 9V DC, center-negative adapter with a minimum of 500mA current, and warns against using improper power supplies.

- The Caline CP-507 Mariana pedal requires a **9V DC power adapter**.
- Ensure the adapter has a **center-negative** polarity.
- The current draw is approximately **100mA**, but a power supply capable of delivering **500mA or more** is recommended for stable operation.
- **Important:** The power supply is **not included** with the pedal. Using an incorrect power adapter can damage the pedal and void the warranty.

3.2 Connecting the Pedal

1. Connect your guitar or the output of a preceding effects pedal to the **IN** jack of the CP-507 Mariana using a standard 1/4-inch instrument cable.
2. Connect the **OUT** jack of the CP-507 Mariana to your amplifier or the input of the next effects pedal in your signal chain using another 1/4-inch instrument cable.
3. Connect the recommended 9V DC center-negative power adapter to the **DC 9V** jack.

4. Operating Instructions

4.1 Selecting Reverb Types

Rotate the central **Effect Selector Knob** to choose one of the seven distinct reverb algorithms. Each selection will activate a different modulated reverb sound, and the functions of knobs A, B, and C will automatically adjust to control specific parameters relevant to that effect.

4.2 Understanding Control Knob Functions

The three control knobs (A, B, C) are multi-functional. Their exact effect on the sound depends on the selected reverb type. Refer to the table below for a detailed breakdown of each knob's function per effect.

Control Knob Functions Per Reverb Type

Effect	Knob A	Knob B	Knob C
The Abyss	Bass EQ	Treble EQ	Decay
Hot Springs	Mix	Width	Verb Mix

Effect	Knob A	Knob B	Knob C
The Bends	Tremolo Mix	Speed	Verb Mix
Propeller	Depth	Rate	Depth
The Deep	Rate	Mix	Pitch
Mermaids	Pitch Mix	Verb Mix	Verb Mix
The Kraken	Pitch Mix	Verb Mix	Pitch

4.3 Engaging the Effect

Press the footswitch to toggle the effect on or off. When the effect is active, the LED indicator (if present) will illuminate.

5. Specifications

Specification	Value
Brand	Caline
Model	CP-507 Mariana
Style	Modulation, Reverb
Color	Blue Reverb
Product Dimensions (L x W x H)	2.52" x 1.34" x 4.41" (11.2 x 6.4 x 3.4 cm)
Item Weight	270 Grams
Voltage	9 Volts DC
Amperage	100 Milliamps (typical, recommend 500mA power supply)
Audio Output Effects	Reverb
Controls Type	Knob, Rotary Switch, Footswitch
Power Source	Adapter (9V DC, Center Negative, not included)
Signal Format	Analog (True Bypass)
Sound Profile	Rich, Complex, Wide Frequency Range
Connector Type	Barrel Jack (Center Negative)

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid using abrasive cleaners or solvents, as they may damage the finish.
- **Storage:** When not in use for extended periods, store the pedal in a cool, dry place away from direct sunlight and

extreme temperatures.

- **Connections:** Periodically check all cable connections for wear and tear. Ensure jacks are free of dust and debris.

7. Troubleshooting

- **No Power:** Ensure the 9V DC power adapter is correctly connected and is center-negative. Verify the power outlet is functional.
- **No Sound:** Check all instrument cables. Ensure they are securely connected to the IN and OUT jacks. Confirm the pedal is engaged (footswitch pressed, LED on). Test with different cables and a different power supply if possible.
- **Unexpected Noise/Hum:** This can often be caused by an incompatible or noisy power supply. Ensure you are using a regulated 9V DC center-negative power supply. Ground loops can also cause hum; try isolating the pedal's power or using a power conditioner.
- **Effect Not Working:** Ensure the effect selector knob is set to a desired reverb type. Adjust knobs A, B, and C to hear the full range of the effect.

8. Safety Information

- Only use the specified 9V DC center-negative power adapter. Using an adapter with incorrect voltage or polarity can severely damage the pedal and poses a safety risk.
- Do not expose the pedal to water, moisture, or extreme temperatures.
- Do not attempt to open or modify the pedal. This may result in electric shock, damage to the unit, and will void any applicable warranty.
- Keep out of reach of children.

9. Warranty and Support

The manufacturer's warranty for this product is listed as "Not applicable" in the product specifications. For any technical support or inquiries, please contact your retailer or the manufacturer directly through their official channels.

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