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› COOL RACING P90 PRO Vintage Phase Phaser Pedal User Manual

COOL RACING CR P90 PRO PHASE

COOL RACING P90 PRO Vintage Phase Phaser Pedal User Manual

Model: CR P90 PRO PHASE

1. INTRODUCTION

Thank you for purchasing the COOL RACING P90 PRO Vintage Phase Phaser Pedal. This compact and durable effect pedal is designed to deliver deep, rich phasing sounds for electric guitar and bass. Featuring a true-bypass circuit and a versatile SCRIPT switch, it offers both classic and modern phase tones. Please read this manual thoroughly to ensure proper operation and to maximize your enjoyment of this product.

2. SAFETY INFORMATION

- Use only a 9V DC power adapter with negative tip polarity. Using an incorrect power supply may damage the unit and void the warranty.
- Do not expose the pedal to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the pedal to strong impacts.
- Do not attempt to open or repair the unit yourself. Refer all servicing to qualified personnel.
- Disconnect the power supply when not in use or during electrical storms.

3. PACKAGE CONTENTS

- 1 x COOL RACING P90 PRO Vintage Phase Phaser Pedal
- 1 x User Manual (this document)

Note: A 9V DC power adapter is not included and must be purchased separately.

4. PRODUCT OVERVIEW

The P90 PRO Phaser Pedal features a robust full metal shell and intuitive controls for shaping your phase

effect.





Image 1: Front view of the COOL RACING P90 PRO Phaser Pedal, showing the Script switch, Speed knob, and footswitch.

Controls and Connections:

- **Script Switch:** Toggles between two distinct phasing modes. One mode provides a classic, old-school phase sound, while the other offers a more modern phase effect.
- **Speed Knob:** Controls the overall rate or speed of the phasing effect. Turning clockwise increases the speed, while turning counter-clockwise decreases it.
- **Footswitch:** Engages or bypasses the effect. When the effect is engaged, the LED indicator will illuminate. This pedal features true-bypass switching, ensuring no tone loss when the effect is disengaged.
- **IN Jack:** 1/4-inch mono input jack for connecting your instrument (guitar or bass).
- **OUT Jack:** 1/4-inch mono output jack for connecting to your amplifier or other effects pedals.
- **9V DC Power Input:** Connects to a 9V DC power adapter (negative tip).

Script -- engage script mode

Speed -- control overall effect rate

Footswitch -- toggle effect on/bypass



Image 2: Diagram of the P90 PRO Phaser Pedal with labels indicating the Script switch, Speed knob, Footswitch, Signal Input (IN), Signal Output (OUT), and Power Supply connection.

SCRIPT switch

Deep, rich phasing SCRIPT switch toggles between old school and modern phase sounds.

True-Bypass

True-Bypass switching circuit ensures no tone loss or signal reduction.



Image 3: Close-up view highlighting the Script switch and explaining the True-Bypass feature, which prevents tone loss.

5. SETUP

1. **Power Connection:** Connect a 9V DC power adapter (negative tip, not included) to the 9V DC input jack on the pedal.
2. **Instrument Connection:** Connect your electric guitar or bass to the IN jack of the pedal using a standard 1/4-inch instrument cable.
3. **Amplifier Connection:** Connect the OUT jack of the pedal to your amplifier's input or to the input of another effects pedal in your signal chain using a standard 1/4-inch instrument cable.
4. Ensure all connections are secure before turning on your amplifier.

6. OPERATING INSTRUCTIONS

1. **Power On:** Once all connections are made, ensure your power adapter is plugged into a wall outlet. The pedal does not have a separate power switch; it powers on when connected to a power supply.
2. **Engage/Bypass Effect:** Press the footswitch to toggle the phaser effect on or off. The LED indicator will light up when the effect is active.
3. **Adjust Speed:** Rotate the SPEED knob to control the rate of the phasing sweep. Experiment with different settings to find your desired modulation speed.

4. **Select Phase Mode:** Use the SCRIPT switch to choose between the two distinct phasing characteristics. Flip the switch to hear the difference and select the mode that best suits your sound.
5. **Experiment:** Combine the SPEED knob and SCRIPT switch settings to explore a wide range of vintage and modern phase sounds.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, disconnect the power supply and store the pedal in a dry, cool place away from direct sunlight.
- **Connections:** Periodically check all cable connections for wear and tear. Replace damaged cables to ensure optimal performance.

8. TROUBLESHOOTING

- **No Sound:**
 - Check all cable connections (instrument to IN, OUT to amplifier).
 - Ensure the power adapter is correctly connected and functioning.
 - Verify your instrument and amplifier are working correctly.
- **Weak or Distorted Sound:**
 - Ensure the power supply is providing stable 9V DC power.
 - Check for damaged cables.
- **Effect Not Engaging:**
 - Confirm the pedal is receiving power (LED should light up when footswitch is pressed).
 - Press the footswitch firmly.

9. SPECIFICATIONS

Small Size, Light Weight



Image 4: Dimensions of the P90 PRO Phaser Pedal, showing approximate measurements of 9cm length, 4.5cm width, and 4cm height.

Parameter	Value
Input Impedance	1M Ω
Output Impedance	10K Ω
Power Supply	9V DC, Negative Tip (adapter not included)
Item Size (L x W x H)	9 x 4.5 x 4 cm (3.54 x 1.77 x 1.57 inches)
Shell Material	Aluminum Alloy
Signal Format	Analog

10. WARRANTY AND SUPPORT

Specific warranty information for the COOL RACING P90 PRO Vintage Phase Phaser Pedal is not provided in this manual. For details regarding warranty coverage, returns, or technical support, please refer to the retailer where you purchased the product or contact COOL RACING customer service directly through their official channels.

