

Electro-Harmonix Small Clone EH 4600

Electro-Harmonix Small Clone EH 4600 Analog Chorus Pedal User Manual

MODEL: SMALL CLONE EH 4600

Product of Electro-Harmonix

INTRODUCTION

The Electro-Harmonix Small Clone Analog Chorus Pedal is designed to produce lush, shimmering chorus tones. This pedal is renowned for its rich, warm analog sound, making it a valuable tool for guitarists seeking classic modulation effects. It offers a range of chorus effects from subtle shimmer to dramatic, swirling modulation, suitable for various musical styles.

Key features include true bypass for signal integrity, a 9V battery for power, and a pure analog circuit for authentic tone.

WHAT'S IN THE BOX

- Electro-Harmonix Small Clone EH 4600 Analog Chorus Pedal
- 9V battery

SETUP

Powering the Pedal

The Small Clone EH 4600 can be powered by a 9V battery (included) or an optional 9V DC power adapter (not included). To install the battery, remove the bottom plate of the pedal.

Connections

The pedal features standard 1/4 inch (6.35mm) audio jacks for input and output.

1. Connect your guitar or other instrument to the **INPUT** jack on the right side of the pedal.
2. Connect the **OUTPUT** jack on the left side of the pedal to your amplifier or the input of another effects pedal.



Figure 1: Top view of the Small Clone EH 4600 pedal, highlighting the input and output jacks for connecting your instrument and amplifier.

OPERATING INSTRUCTIONS

The Small Clone EH 4600 features simple controls for easy tone shaping.

Controls

- **RATE Knob:** This knob controls the speed of the chorus effect. Turning it clockwise increases the speed, while turning it counter-clockwise decreases it.
- **DEPTH Switch:** This switch controls the intensity or width of the chorus effect. The up position provides a deeper, more pronounced chorus, while the down position offers a more subtle effect.
- **STATUS LED:** Indicates when the effect is active.
- **FOOTSWITCH:** Engages or bypasses the effect. The pedal features true bypass, ensuring your instrument's tone remains unaffected when the pedal is disengaged.



Figure 2: Close-up of the pedal's controls, including the Rate knob, Depth switch, and footswitch for engaging the effect.

Official Product Video

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Video 1: Official demonstration of the Electro-Harmonix Small Clone Analog Chorus Pedal, showcasing its features and sound capabilities.

MAINTENANCE

To ensure optimal performance and longevity of your Small Clone EH 4600 pedal, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid using abrasive cleaners or solvents.
- **Battery Replacement:** If using battery power, replace the 9V battery when the STATUS LED dims or the effect performance degrades. To replace, carefully remove the four screws on the bottom plate, replace the battery, and reattach the plate.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures when not in use.

TROUBLESHOOTING

If you encounter issues with your Small Clone EH 4600, try the following steps:

- **No Sound:** Check all cable connections. Ensure the power supply (battery or adapter) is functioning correctly. Verify that your instrument and amplifier are working.
- **Weak or Distorted Effect:** Replace the 9V battery if it's low. Ensure all cables are fully inserted and not damaged.
- **Unwanted Noise:** Try using a different power supply or a fresh battery. Ensure the pedal is not placed too close to other electronic devices that might cause interference.

SPECIFICATIONS

Item Weight	1.3 pounds
Product Dimensions	5.25 x 3.38 x 2.75 inches
Model Number	EH 4600 (30621rakmusi-12084)
Connector Type	1/4 inch (6.35mm) audio jack
Signal Format	Analog
Material Type	Plastic, Electronic Components
Power Source	9V Battery Powered
Voltage	9 Volts
Style	Chorus

WARRANTY & SUPPORT

For warranty information, technical support, or further inquiries, please visit the official Electro-Harmonix store or contact their customer service directly.

You can find more information and support at the[Electro-Harmonix Store](#).