



electro-harmonix Small Clone Full Chorus Instruction Manual

[Home](#) » [electro-harmonix](#) » electro-harmonix Small Clone Full Chorus Instruction Manual 

Contents

- 1 [electro-harmonix Small Clone Full Chorus](#)
- 2 [Product Information](#)
- 3 [Product Usage Instructions](#)
- 4 [Warranty Information](#)
- 5 [OPERATING INSTRUCTIONS](#)
- 6 [Documents / Resources](#)
 - 6.1 [References](#)

electro-harmonix

electro-harmonix Small Clone Full Chorus



Product Information

The Small Clone is a compact battery-operated Chorus device that features DEPTH and RATE controls with an LED indicator. It is designed to produce a doubling effect by slightly bending the frequency from the input source and mixing it with some direct unaffected signal. The Small Clone is powered by a 9V battery or an optional 9VDC AC Adapter with a center-negative plug. The recommended AC Adapter is the EHX 9.6DC-200 AC ADAPTER. The unit has a current draw of approximately 12mA at 9VDC, and the external power supply should not exceed 10VDC.

Product Usage Instructions

1. Connect your guitar to the INPUT jack of the Small Clone.
2. Connect your amp to the OUTPUT jack of the Small Clone.
3. If using a battery, make sure it is inserted into the unit. If using an AC Adapter, plug it into the black power jack on the rear of the unit.
4. To activate the Chorus effect, press the footswitch located on the Small Clone.
5. Adjust the DEPTH switch to control the amount of frequency change in the altered signal.
6. Use the RATE knob to control the rate of alteration between raising and lowering the frequency.
7. An LED indicator will light up when the effect is switched on.
8. To conserve battery life, disconnect the INPUT jack when the unit is not in use.

Warranty Information

United States & Canada:

- EHX CUSTOMER SERVICE
- ELECTRO-HARMONIX c/o NEW SENSOR CORP.
- 47-50 33RD STREET
- LONG ISLAND CITY, NY 11101

- **Tel:** 718-937-8300
- **Email:** info@ehx.com.

Europe:

- JOHN WILLIAMS ELECTRO-HARMONIX UK
13 CWMDONKIN TERRACE
- SWANSEA SA2 0RQ
- UNITED KINGDOM
- **Tel:** +44 179 247 3258
- **Email:** electroharmonixuk@virginmedia.com.

OPERATING INSTRUCTIONS

The Small Clone is a compact battery-operated Chorus device that features DEPTH and RATE controls with an LED indicator. To produce the Chorus effect, The Small Clone bends the frequency slightly from the input source and mixes this altered signal with some direct unaffected signal. The combination produces a doubling effect. Plug your guitar into the INPUT jack and your amp into the OUTPUT. Please note that as long as a plug is inserted into the INPUT, a drain is placed on the connected battery. It is recommended that you disconnect the INPUT jack when the unit is not in use to increase battery life. The DEPTH switch controls the amount of frequency change that occurs in the altered signal. The rate of alteration between raising and lowering the frequency is controlled by the RATE knob. The red LED indicates when the effect is switched on. The footswitch engages and disengages the Chorus effect. The Small Clone is powered from a 9V battery or you can use an optional 9VDC AC Adapter capable of delivering at least 25mA to the black power jack on the rear of the unit. We recommend the EHX 9.6DC-200 AC ADAPTER. The AC Adapter must have a center-negative plug that fits a 2.1mm center pin. The battery may be left in or taken out when using an AC Adapter. The Small Clone has a current draw of approximately 12mA at 9VDC. The external power supply should not exceed 10VDC.

WARRANTY INFORMATION

Please register online at <http://www.ehx.com/product-registration> or complete and return the enclosed warranty card within 10 days of purchase. Electro-Harmonix will repair or replace, at its discretion, a product that fails to operate due to defects in materials or workmanship for a period of one year from the date of purchase. This applies only to original purchasers who have bought their product from an authorized Electro-Harmonix retailer. Repaired or replaced units will then be warranted for the unexpired portion of the original warranty term. If you should need to return your unit for service within the warranty period, please contact the appropriate office listed below. For customers outside the regions listed below, please contact EHX Customer Service for information on warranty repairs at info@ehx.com or +1-718-937- 8300. USA and Canadian customers: please obtain a Return Authorization Number (RA#) from EHX Customer Service before returning your product. Include with your returned unit—a written description of the problem as well as your name, address, telephone number, e-mail address, RA#, and a copy of your receipt clearly showing the purchase date.

United States & Canada

- EX CUSTOMER SERVICE
- ELECTRO-HARMONIX c/o NEW SENSOR CORP.
- 47-50 33RD STREET
- LONG ISLAND CITY, NY 11101
- **Tel:** 718-937-8300
- **Email:** info@ehx.com.


Europe

- JOHN WILLIAMS
- ELECTRO-HARMONIX UK
- 13 CWMDONKIN TERRACE
- SWANSEA SA2 ORO
- UNITED KINGDOM
- **Tel:** +44 179 247 3258
- **Email:** electroharmonixuk@virginmedia.com

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

Documents / Resources



OPERATING INSTRUCTIONS

The Small Clone is a compact fully transistorized stereo delay that features 100% CMOS active circuitry and variable modulation.

It reproduces the Chorus effect. The Small Clone needs the frequency response of the input signal and the modulation rate and amount. The amount of modulation is adjustable. The modulation produces a modulating effect.

The Small Clone is a stereo delay and will operate with stereo or mono signals. Please note that when a stereo signal is connected to the INPUT, a stereo signal will be produced. When a mono signal is connected to the INPUT, a mono signal will be produced. The Small Clone will allow the user to enjoy an extra stereo benefit.

The SHORTRATE control provides the amount of frequency change that occurs in the delay signal. The rate of change between setting and lowering the SHORTRATE is controlled by the RATE knob.

The rate knob indicates when the effect is controlled. The Small Clone is designed for Chorus effect.

The Small Clone is compatible with 9V batteries and can be powered by an external 9VDC. The battery power of 9V batteries has been tested to last 100 hours of operation. The 9V battery must have a voltage regulation of 9V ± 0.1V max. The battery is to be used in the proper direction as shown in the diagram. The SHORTRATE knob is to be used to adjust the rate of change of the effect. The internal power supply (batteries) should be used.

electro-harmonix Small Clone Full Chorus [pdf] Instruction Manual

Small Clone Full Chorus, Small Clone, Full Chorus

electro-harmonix Small Clone Full Chorus [pdf] Instruction Manual

Small Clone Full Chorus, Small Clone, Full Chorus

References

- **E Support - Electro-Harmonix**