



## electro-harmonix GIT0011953-000 Stereo Clone Theory Instructions

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Congratulations! You have just purchased the CLONE THEORY, one of the lushest, deep and warm CHORUS/VIBRATO ever made, now in stereo. The CLONE THEORY's depth and rate controls swing from one extreme to the other, giving the user an entire realm of possibility for tone. Use both stereo outputs and completely surround yourself with a sweet warm Electro-Harmonix tone.

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### -CONTROLS-

**MODE SWITCH** – The CLONE THEORY has two CHORUS modes and one VIBRATO mode. IN CHR 1 mode, you can control the rate of modulation using the RATE control, but the DEPTH is preset to what we consider the perfect chorus. This means the DEPTH control is inactive. IN CHR 2 mode you have full control of your chorus tone. The RATE control adjusts the rate of modulation and the DEPTH control adjusts the depth of modulation. In VIBR mode, the dry voice is taken away, changing the effect from CHORUS to VIBRATO. In VIBE mode you have

full control. The RATE control adjusts the VIBRATO's rate of modulation and the DEPTH control adjusts the VIBRATO's modulation depth.

**RATE CONTROL**– Adjusts the RATE of modulation.

**DEPTH CONTROL**– Adjusts the modulation depth. Inactive (preset) in CHR 1 mode.

**FOOTSWITCH** – Selects whether the CLONE THEORY is engaged or in True BYPASS. The corresponding LED will be lit when the pedal is engaged, and dark when True Bypassed. In True Bypass, the input signal is connected directly to both the MAIN and STEREO output jacks.

**INPUT JACK** – This ¼" jack is the audio input to the CLONE THEORY.

**MAIN OUTPUT JACK** – This ¼" jack is the main audio output from the CLONE THEORY. Use this jack from the mono operation. When the CLONE THEORY is in True Bypass mode, the MAIN OUTPUT jack is connected directly to the INPUT jack.

**STEREO OUTPUT JACK** – This ¼" jack is the second audio output from the CLONE THEORY. When the CLONE THEORY is in True Bypass mode, the STEREO OUTPUT jack is also connected directly to the INPUT jack.

**A NOTE ABOUT STEREO OPERATION:** The STEREO OUTPUT is 180° out of phase from the MAIN OUTPUT. This means that the extremes of the modulation will be heard at opposite moments at each output. Try plugging the CLONE THEORY in to two amplifiers (one from each output) and notice the panning effect between the two amplifiers. Control the panning using RATE and DEPTH.

## **-OPERATION AND WARNINGS-**

Power, from the internal 9-volt battery or external battery eliminator, is activated by plugging into the input. The input cable should be removed when the unit is not in use to avoid running down the battery. The input impedance presented at the Input Jack is 480 ohms. The output impedance at both the Main and Stereo Output Jacks is 300 ohms.

The barrel connector on the front of the CLONE THEORY is for a 9-volt battery eliminator capable of delivering 100 mA of current. The inner ring of the 9-volt battery eliminator must be negative, the outer ring positive. The unit's battery may be left in or taken out when the eliminator is in use.

To change the 9-volt battery, you must remove the 4 screws on the bottom of the CLONE THEORY. Once the screws are removed, you can take off the bottom plate and change the battery. Please do not touch the circuit board while the bottom plate is off or you may damage a component.

The optional 9V power supply from Electro-Harmonix is US96DC-200BI (same as used by Boss™ & Ibanez™) 9.6 volts/DC 200ma. The barrel connector on the front of the CLONE THEORY is for the 9-volt battery eliminator capable of delivering 100 mA of current. The inner ring of the 9-volt battery eliminator must be negative, the outer ring positive. The unit's battery may be left in or taken out when the eliminator is in use.

## **– 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. Customers outside the regions listed below, please contact EHX Customer Service for information on warranty repairs at [info@ehx.com](mailto: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, email address, and RA#; and a copy of your receipt clearly showing the purchase date.

#### **The United States & Canada**

EHX CUSTOMER SERVICE ELECTRO-HARMONIX c/o NEW SENSOR CORP.

47-50 33

STREET

LONG ISLAND CITY, NY 11101

Tel: 718-937-8300

Email: [info@ehx.com](mailto: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](mailto:electroharmonixuk@virginmedia.com)

This warranty gives a purchaser specific legal rights. A purchaser may have even greater rights depending upon the laws of the jurisdiction within which the product was purchased.

To hear demos on all EHX pedals visit us on the web at [www.ehx.com](http://www.ehx.com)

Email us at [info@ehx.com](mailto:info@ehx.com)

#### **– FCC COMPLIANCE –**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. If the device is not installed and used in accordance with the instructions, it may cause harmful interference to radio communications and void the user's authority to guarantee the equipment.

**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 receiver.
- Connect the equipment into 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**

