

# electro-harmonix

## BASS CLONE

### Bass Chorus

Congratulations on your purchase of the Electro-Harmonix Bass Clone. The Bass Clone is a compact chorus pedal with variable parameters for a range of subtle to extreme modulation effects. Use these variable parameters to dial in the perfect chorus sound. You can add subtle, shimmering modulation to the higher end of your bass, or create a more extreme, vibrato-sounding effect.

The core circuit in the Bass Clone is nearly identical to the legendary Electro-Harmonix Small Clone, but with added features tailored to the needs of bassists. These features include a greater range of modulation depth, added bass and treble EQ controls to shape your tone, and a crossover switch to decrease the amount of low frequency modulation. The Bass Clone takes a pedal that was already a favorite of bassists and makes it the perfect compact bass chorus pedal.

### - USING THE BASS CLONE -

Use the footswitch to turn on the effect. The red status LED lights to indicate that the effect is engaged. The sound you hear is a combination of dry and modulated signal.

Adjust **DEPTH** to set the modulation amount and turn **RATE** to set the modulation speed. Flip the **X-OVER** switch up to cut low end from the modulated half of the signal; the effect will be more subtle on lower notes. Engaging **X-OVER** helps you retain essential clarity and punch in your low end while maintaining shimmering modulation in your high end. **BASS** and **TREBLE** allow you to further shape the chorus tone by boosting/cutting low end and high end respectively.

**WARNING:** Your Bass Clone can be used with an Electro-Harmonix 9.6DC-200BI power supply (same as used by Boss® & Ibanez®: 9.6 Volts DC 200mA). The Bass Clone draws 15mA at 9VDC with a center negative plug. Using the wrong adapter or a plug with the wrong polarity may damage your Bass Clone and void the warranty.

## - CONTROLS, I/O JACKS, POWER -

**Footswitch & Status LED** –The red LED illuminates when the effect is engaged. The status LED glows brightly to signal that all operational voltages are satisfactory. The LED will not light if the Bass Clone is bypassed. Press the footswitch to toggle between effect on and true bypass mode.

**DEPTH Knob** – Controls the amount of modulation.

**RATE Knob** – Controls the speed of modulation.

**BASS Knob** – Boosts or cuts low end from the *dry* half of the effect signal. No boosting or cutting at 12 O'clock.

**TREBLE Knob** – Boosts or cuts high end from the *mixed* effect signal. No boosting or cutting at 12 O'clock.

**X-OVER** – Cuts low end from modulated half of the signal when switch is facing up.

**INPUT Jack** – Plug your instrument or the output of another effects pedal into this ¼" jack. The input impedance is 2.2MΩ. The battery is drained when a cable is plugged into this jack, regardless of bypass state.

**AMP Jack** – The **AMP** jack outputs the Bass Clone's audio signal. The output impedance is 1KΩ.

**9V Power Jack** – The Bass Clone accepts 9V Batteries, and can also be powered from an Electro-Harmonix 9.6DC-200 power supply. Plug the output of the AC adapter into the 9V power jack located at the top of the Bass Clone. The Bass Clone draws 15mA at 9VDC with a **center negative plug**. The Bass Clone accepts Boss® and Ibanez® style AC Adapters capable of delivering at least 50 mA.

## - CHANGING THE BATTERY -

To change your 9V battery, remove the four screws on the bottom of the Bass Clone. Take off the bottom plate and change the battery. Do not touch the circuit board while the bottom plate is off or you risk damaging a component.

To hear demos on all EH pedals visit us on the web at [www.ehx.com](http://www.ehx.com).  
Email us at [info@ehx.com](mailto:info@ehx.com)

## - 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 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, e-mail address, RA# and a copy of your receipt clearly showing the purchase date.

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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.*