



ehx  
next  
step  
E F F E C T S  
**CRYING TONE**  
WAH PEDAL

Congratulations on your purchase of the Electro-Harmonix **Crying Tone**, our first release in our ground-breaking NEXT STEP series! The **Crying Tone** is a wah pedal without any moving parts: it does not use a potentiometer, optics or magnetics to sweep the wah filter. The result is a responsive pedal that allows precise control over a brilliantly fluid wah.

#### GETTING STARTED

Plug your guitar into the INPUT jack; connect your amp to the OUTPUT jack. Within seconds the EHX logo in the center of the pedal will light. Your Crying Tone is ready to go! Please note: as long as a plug is inserted into the INPUT jack, a drain is placed on the 9V battery inside the Crying Tone. It is recommended that you disconnect the INPUT jack when the Crying Tone is not in use to extend battery life.

#### CALIBRATION

To ensure the Crying Tone responds to its full sweep range, it may be necessary to calibrate the sweep of the Crying Tone when it is used on a different surface since its last use. It is particularly important to calibrate if the Crying Tone is used on a slanted surface. We recommend calibrating the Crying Tone after unwrapping it from its packaging, during your first use of the pedal.

#### CALIBRATION PROCEDURE

1. Place the pedal on the surface where it will be used.
2. Ensure the Crying Tone is sitting flat on the surface then press and release the CALIBRATION button once; the EHX logo begins to blink indicating the toe position has been saved.
3. While the EHX logo continues to blink, rock the pedal all the way back to the extreme heel position and hold it there.
4. Press and release the CALIBRATION button once more.
5. The EHX logo stops blinking to indicate that the heel position has been saved.

If you accidentally press the CALIBRATION button and the EHX logo blinks, do not press the CALIBRATION again. After approximately 7 seconds, the Crying Tone will stop blinking and ignore the button press.

#### ENTERING/EXITING BYPASS

Toggle between **buffered** bypass and effect mode by tipping the Crying Tone forward, in the toe direction, past the flat position of the Crying Tone. You do not need to tip the Crying Tone all the way forward; 25% of the total forward travel will do it. The Crying Tone needs to return to its flat position before you can toggle between bypass and effect mode again.

When the Crying Tone is in effect mode, the EHX logo in the center of the pedal will light up. In bypass mode, the logo does not light.

#### POWER

Plugging into the INPUT jack activates power from the internal 9 Volt battery. The input cable should be removed when the unit is not in use to avoid running down the battery. If an AC Adapter is used, the Crying Tone will be powered up as long as the AC Adapter is correctly plugged in.

The Crying Tone's power jack is located on the same side as the OUTPUT jack. A 9 Volt AC Adapter capable of delivering at least 25 mA of current is required to power the Crying Tone. The inner ring of the 9 Volt AC Adapter must be negative, the outer ring positive. The optional 9V power supply from Electro-Harmonix is 9.6DC-200BI (same as used by Boss™ & Ibanez™) 9.6 Volts DC/200mA. The unit's battery may be left in or taken out when the AC Adapter is in use. **The actual current draw of the Crying Tone is 11 mA.**

#### CHANGING THE BATTERY

1. Locate the battery door at the front of the Crying Tone, under the toe area of the top plate.
2. Remove the large black screw that holds the battery door to the case, most coins or larger slotted screwdrivers can be used to remove this screw.
3. Connect your new 9V battery to the wired battery connector.
4. Insert the 9V battery into the battery holder clip on the battery door so that the wired connector is on the same side of the hole in the battery door.
5. Place the battery door back into its window in the case of the Crying Tone and re-install the screw.

#### NOTES AND SPECIFICATIONS

- Crying Tone's bypass is buffered.
- The input impedance presented at the INPUT Jack is 1MΩ. The output impedance at the OUTPUT Jack is 1kΩ.
- The current draw of the Crying Tone is 11 mA.

**- WARRANTY INFORMATION -**

Please 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 include a brief description of the problem as well as your name, address, telephone number, copy of your receipt, and a check or money order. The costs for shipping and handling are listed below.

**United States - \$12**

**Canada - \$15**

**Europe and other countries - \$25**

Ship to:  
Electro-Harmonix  
C/O New Sensor Corporation  
55-01 2nd Street  
Long Island City, NY 11101  
**Attn:** Service Department

**Please make checks/money orders payable to New Sensor Corporation.**

To hear demos on all EH pedals visit us on the web at **www.ehx.com**.  
Email us at **info@ehx.com**

**- FCC COMPLIANCE -**

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.*