

ehx next step E F F E C T S VOLUME VOLUME PEDAL

Congratulations on your purchase of the Electro-Harmonix **VOLUME** pedal from our ground-breaking NEXT STEP series! The **VOLUME** pedal has no moving parts: it does not use a potentiometer, optics or magnetism to sweep the volume control. The result is a responsive pedal that allows precise control over the volume of your instrument.

GETTING STARTED

Plug your instrument 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 VOLUME pedal is now ready for use. Please note: as long as a plug is inserted into the INPUT jack, a drain is placed on the 9V battery inside the VOLUME pedal. We recommend you unplug the INPUT jack when the VOLUME pedal is not in use to extend battery life.

CALIBRATION

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

CALIBRATION PROCEDURE

1. Place the pedal on the surface where it will be used.
2. Ensure the VOLUME pedal is sitting flat on the surface then press and release the CALIBRATE 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 CALIBRATE button once more.
5. The EHX logo will stop blinking to indicate that the heel position has been saved. The calibration procedure is complete.

If you accidentally press the CALIBRATE button and the EHX logo blinks, do not press CALIBRATE again. After approximately 7 seconds, the VOLUME pedal will stop blinking and ignore the button press.

BYPASS VOLUME Control

The dial located on the input side of the VOLUME pedal controls the output volume when the pedal is in bypass mode. The bypass volume gets louder as the numbers increase on the dial.

DIRECT OUTPUT Jack

A buffered version of the input signal is sent out the DIRECT OUTPUT jack. This output is **unaffected** by the position of the VOLUME pedal and remains identical to the signal present at the INPUT jack at all times. The DIRECT OUTPUT is useful as a source for a tuner or as a way to split the input signal.

ENTERING/EXITING BYPASS

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

When the VOLUME pedal 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 VOLUME pedal will be powered up as long as the AC Adapter is correctly plugged in.

The VOLUME pedal's power jack is located on the same side as the OUTPUT jack. A 9 Volt AC Adapter capable of delivering at least 25mA of current at 9VDC is required to power the VOLUME pedal. 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 VOLUME pedal is 12mA.**

CHANGING THE BATTERY

1. Locate the battery door at the front of the VOLUME pedal, 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 VOLUME pedal and re-install the screw.

NOTES AND SPECIFICATIONS

- VOLUME pedal has buffered bypass.
- The input impedance presented at the INPUT Jack is 1M Ω .
- The output impedance at the OUTPUT Jack is 1k Ω .
- The output impedance at the DIRECT OUTPUT jack is 100 Ω .
- The current draw of the VOLUME pedal is 12mA.



- 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 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.