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step  
E F F E C T S

## TALKING PEDAL

### VOWEL WAH WITH FUZZ

Congratulations on your purchase of the Electro-Harmonix **TALKING PEDAL** from our ground-breaking NEXT STEP series! The **TALKING PEDAL** has no moving parts: it does not use a potentiometer, optics or magnetism to sweep its dual-bandpass analog filters. The result is a responsive pedal that allows precise control over the throaty vocal effect of the **TALKING PEDAL**. Additionally, a level controllable fuzz circuit is included to add extra growl to your vowels.

#### 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 TALKING PEDAL 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 TALKING PEDAL. We recommend unplugging the INPUT jack when the TALKING PEDAL is not in use to extend battery life.

#### FUZZ LEVEL Control

The fuzz in the TALKING PEDAL helps to accentuate the vocal effect, bringing out a more distinct talking quality in the pedal. You do not need to maximize the FUZZ LEVEL in order to hear a more talkative effect, a little can go a long way.

The FUZZ LEVEL dial located on the INPUT side of the TALKING PEDAL is a blend control for the fuzz circuit. As the numbers increase on the dial, the volume of the fuzz effect increases. The maximum setting of 10 should yield a bit of volume boost as compared to your bypass volume.

## **CALIBRATION**

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

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

## **ENTERING/EXITING BYPASS**

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

When the TALKING 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 TALKING PEDAL will be powered up as long as the AC Adapter is correctly plugged in.

The TALKING 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 TALKING 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 TALKING PEDAL is 12mA.**

## **CHANGING THE BATTERY**

1. Locate the battery door at the front of the TALKING 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 as the hole in the battery door.
5. Place the battery door back into its window in the case of the TALKING PEDAL
6. Re-install the screw.

## **NOTES AND SPECIFICATIONS**

- TALKING PEDAL has buffered bypass.
- The input impedance presented at the INPUT Jack is  $1M\Omega$ .
- The output impedance at the OUTPUT Jack is  $1k\Omega$ .
- The current draw of the TALKING 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 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, and RA#; and a copy of your receipt clearly showing the purchase date.

### **United States & Canada**

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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.*