

# electro-harmonix

## **EHX Expression**

Congratulations on your purchase of the EHX Expression pedal! Built to be both versatile and affordable, the EHX Expression pedal can control expression parameters on a wide array of products from various manufacturers as long as the product includes an expression jack. The TRS polarity switch provides the ability to change the connections to the TRS jack while a Reverse button and a Range knob allow the musician dial in the perfect expression sweep for their application.

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

**TRS OUT Jack** – Plug a 1/4" TRS cable into this jack. The other end of the cable should be connected to an expression input on the device you want to control. The EHX Expression pedal ships from the factory with a 1/4" TRS cable. Under most circumstances a standard 1/4" TS instrument cable will **not** work. The cable must be TRS.

**REV Button** – Reverses the sweep direction of the expression pedal. The standard sweep direction is achieved when the REV button is set to its OUT position: as you move from heel to toe the expression pedal sweeps from minimum to maximum. Push the REV button to its IN position to reverse this behavior: sweep from maximum to minimum as you move from heel to toe.

**TRS +/- Button** – Reverses the polarity of the TRS jack for expanded compatibility with other devices. In the OUT position: the internal potentiometer's wiper is connected to the Tip of the TRS cable and the potentiometer's maximum setting is connected to the Ring. Press in the TRS +/- button to connect the wiper to the Ring of the TRS cable and the potentiometer's maximum setting to the Tip. The Sleeve of the TRS cable is always connected to the potentiometer's minimum position. For **EHX pedals**, set this button to the **OUT** position. If you find the EHX Expression does not achieve a smooth sweep over the full range of the foot pedal, try changing the TRS +/- setting.

**RANGE Knob** – Adjusts the minimum setting of the expression pedal. As you turn RANGE towards 0, the minimum sweep setting moves towards the fixed maximum setting. For the full range, set this knob to 10.

**Included:** TRS Cable

**Internal Potentiometer Impedance:** 10k $\Omega$

## - 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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