



# The Worm

## Analog Modulation Pedal

Congratulations on your purchase of **The Worm**, a multi-functional modulation pedal. **The Worm** is four analog effects in one: Modulated Wah, Phaser, Tremolo and Vibrato.

### -AC ADAPTOR-

Your **Worm** comes equipped with a 24 volt DC (inner positive) / 100mA external power adapter. Use only the power adapter that is supplied! Using the wrong adapter can cause serious bodily injury and may damage your unit. This will void the warranty.

### - CONTROLS -

**MODE Rotary Switch** – Selects between the four different types of effects: **WAH**, **PHASER**, **TREMOLO** and **VIBRATO**.

**RANGE Knob** – Adjusts the amount of effect that will be applied to your signal. As the **RANGE** knob is turned from the Counter-Clockwise (minimum) position to the Clockwise (maximum) position, the intensity of the effect will increase.

**RATE Knob** – Adjusts the speed of modulation for the effect. As the **RATE** knob is turned from the Counter-Clockwise (minimum) position to the Clockwise (maximum) position, the speed of the effect will go from slow to fast.

**AUTO / MANUAL/EXP Toggle Switch** – Set this switch to AUTO mode for normal modulation use. When this switch is set to MANUAL/EXP mode, the internal modulation waveform is disconnected from the circuit and the RANGE knob will sweep through the effect. In addition, while in MANUAL/EXP mode, you can connect an expression pedal or control voltage (between 0 – 5V only) to the EXP. PEDAL jack and use the expression pedal to sweep the effects.

**STATUS LED and FOOTSWITCH** – If the effect is engaged, the LED will blink at the same rate that the effect modulates. If the LED is off, The Worm is in True Bypass mode. The footswitch engages/disengages the effect.

## - JACKS -

**INPUT Jack** – Connect your instrument to this jack. The input impedance present at this jack is 300 k $\Omega$ .

**OUTPUT Jack** – Connect this jack to your amp or next effects pedal. The output impedance present at this jack is 1 k $\Omega$ .

**EXP. PEDAL Jack** – Connect an Expression Pedal to this jack or the output from a Control Voltage generator. The expression pedal must have a TRS plug attached to it with the tip attached to the pedal's wiper. The control voltage must be between 0V and 5V. The input impedance present at this jack is 100 k $\Omega$ .

Acceptable expression pedals include: M-Audio EX-P, Moog Expression Pedal, Roland EV-5 and Boss FV-500L.

**24V PWR Jack** – Connect the output plug from the supplied 24VDC/100mA wall wart to the 24V PWR jack at the top of The Worm. Please use only the AC Adapter that came supplied with The Worm. The Worm does not accept batteries.

## **- 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.*