

# electro-harmonix

## HOT TUBES

Congratulations on your purchase of the Hot Tubes overdrive, a faithful reissue of the original 1970s Electro-Harmonix classic, now in a compact pedalboard-friendly enclosure. Since its initial release in 1978, countless musicians have prized the scorching tube amp simulation the Hot Tubes delivers. They consider the original Hot Tubes to be indispensable, so it is rarely available on the vintage market. Now there is no need to search. The Hot Tubes reissue gives you the exact same tone and drive as the original.

### - CONTROLS -

**OVERDRIVE Knob** – Controls the amount of input gain and distortion delivered by the Hot Tubes. As you turn OVERDRIVE clockwise, the distortion ranges from mild tube-like breakup to saturated distortion.

**TONE Knob** – Creates a range of tones from warm bass to bright treble as the knob is turned clockwise.

**VOL Knob** – Sets the output volume of the HOT TUBES.

**TONE Switch** – When this switch is set to OFF, the HOT TUBES Tone knob is disabled, resulting in a more powerful, direct tone. When the TONE SWITCH is set to ON, the TONE KNOB behaves normally.

**FOOTSWITCH and LED** – The footswitch selects whether the HOT TUBES is engaged or in true bypass mode. When the effect is engaged, the LED will be lit.

**INPUT Jack** – This ¼" jack is the audio input for the HOT TUBES. The input impedance is 100kΩ.

**AMP Jack** – This ¼" jack is the audio output from the HOT TUBES. The output impedance depends on the VOLUME setting, ranging from 350Ω to 3kΩ.

**9V Power Jack** – The HOT TUBES can run off of a 9V battery or you can use an optional 9VDC AC Adapter capable of delivering at least 50mA to the 9V power jack. The AC Adapter must have a center negative plug. The battery may be left in or taken out when using an AC Adapter. The Hot Tubes draws 18mA at 9VDC.

### - CHANGING THE BATTERY -

To change the 9-volt battery, you must remove the 4 screws on the bottom of the HOT TUBES. Once the screws are removed, you can take off the bottom plate and change the battery. Please do not touch the circuit board while the bottom plate is off or you risk damaging a component.

### - 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

EHX CUSTOMER SERVICE  
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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

*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*