



METAL MUFF

with TOP BOOST

- DESCRIPTION -

Congratulations on your purchase of the METAL MUFF with TOP BOOST! Electro-Harmonix gave its total effort to design the best heavy metal pedal ever built. The Metal Muff utilizes three powerful EQ bands, including a midrange control designed for perfect contouring and beautifully sculpted mids. The Metal Muff offers commanding bass and defined high end—coupled with user-controlled distortion from pinched-edge to totally crushing—making it a heavy metal gold mine.

- CONTROLS -

DISTORTION CONTROL – adjusts the amount of input gain.

BASS CONTROL – provides up to 14dB of cut and boost in the bass frequency range.

MID CONTROL – provides up to 15dB of cut and boost in the middle frequency range.

TREBLE CONTROL – provides up to 10dB of cut and boost in the treble frequency range.

TOP BOOST CONTROL – provides an extra 'bite' by boosting a narrow band of high frequencies. When Top Boost is inactive, the Top Boost control has no effect.

VOLUME CONTROL – sets the output level.

TOP BOOST FOOTSWITCH – Engages the TOP BOOST feature of the METAL MUFF. The corresponding LED is lit when TOP BOOST is engaged.

BYPASS FOOTSWITCH – Selects whether the METAL MUFF is engaged or bypassed. The corresponding LED will be lit when the pedal is engaged, and dark when bypassed.

INPUT Jack – This ¼" jack is the audio input to the METAL MUFF.

OUTPUT Jack – This ¼" jack is the audio output from the METAL MUFF. When the METAL MUFF is in Bypass mode, the OUTPUT jack is connected to the INPUT jack through a buffer.

- OPERATION AND WARNINGS -

Power, from the internal 9-volt battery or external battery eliminator, is activated by plugging into the input. The input cable should be removed when the unit is not in use to avoid running down the battery. The input impedance presented at the Input Jack is 1Mohm. The output impedance at the Output Jack is 600 ohms.

The barrel connector on the front of the METAL MUFF is for a 9-volt battery eliminator capable of delivering 100 mA of current. The inner ring of the 9-volt battery eliminator must be negative, the outer ring positive. The unit's battery may be left in or taken out when the eliminator is in use.

To achieve its biting distortion, the METAL MUFF has very high maximum gain. This requires that both the pickups and cables be well shielded and properly grounded to avoid excessive hum when high sustain control settings are used.

To change the 9-volt battery, you must remove the 4 screws on the bottom of the METAL MUFF. 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 may damage a component.

The optional 9V power supply from Electro-Harmonix is **US96DC-200BI** (same as used by Boss™ & Ibanez™) **9.6 volts/DC 200ma**. The barrel connector on the front of the METAL MUFF is for the 9-volt battery eliminator capable of delivering 100 mA of current. The inner ring of the 9-volt battery eliminator must be negative, the outer ring positive. The unit's battery may be left in or taken out when the eliminator is in use.

- 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 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**
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.