

# EXO

# MIM

MICRO METAL MUFF

## - DESCRIPTION -

Congratulations on your purchase of the MICRO METAL MUFF! Electro-Harmonix gave you an instant classic in the Metal Muff with Top Boost. The MICRO METAL MUFF offers the same heavy metal sound in a smaller, easier to use package.

## - CONTROLS -

VOLUME CONTROL – sets the output level.

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

DISTORTION CONTROL – adjusts the amount of input gain.

TOP BOOST TOGGLE SWITCH – provides two settings for an extra 'bite' by boosting a narrow band of high frequencies. In the down position a low amount of Top Boost is engaged. In the up position a high amount of Top Boost is engaged. In the middle position Top Boost is disengaged.

FOOTSWITCH – Selects whether the MICRO METAL MUFF is engaged or in buffered 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 MICRO METAL MUFF.

OUTPUT Jack – This ¼" jack is the audio output from the MICRO METAL MUFF. When the MICRO 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 MICRO 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 MICRO 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 MICRO 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 MICRO 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.