



HUM DEBUGGER

Hum Eliminator

Congratulations on your purchase of the Electro-Harmonix Hum Debugger, Hum Eliminator pedal. No matter what type of pickups you use or how loud you play, the E-H Hum Debugger will clean up your signal chain so that hum will no longer overtake your guitar signal. Simply connect the Hum Debugger to your guitar like you would any other effects pedal and you are ready to eliminate hum from your sound forever!

WARNING: Use only the 7.5VAC/400mA AC adapter the Hum Debugger comes supplied with. Do not use any other AC adapters. Using other AC adapters, even those made by Electro-Harmonix, could cause harm to the unit, the adapter or your drummer. The Hum Debugger does not use batteries.

-CONTROLS and I/O JACKS-

NORMAL/STRONG TOGGLE SWITCH – Sets the amount of Hum Elimination. In NORMAL mode the Hum Debugger removes only the odd harmonics from the hum present in your signal. In STRONG mode the Hum Debugger removes both odd and even harmonics from your signal's hum content.

STATUS LED – When the LED is lit the Hum Debugger is active. When the LED is off the Hum Debugger is in True Bypass mode.

FOOTSWITCH – Toggles the Hum Debugger between active and True Bypass modes.

CONNECTIONS – Connect your instrument to the INPUT Jack. Connect your amplifier or the rest of your effects chain to the AMP Jack.

POWER – Plug the barrel connector from the AC Adapter that came with your Hum Debugger into the power jack at the top of the Hum Debugger. Plug the AC Adapter into a solid wall outlet. You must use the AC Adapter that the Hum Debugger came with and the AC Adapter must have an output of 7.5VAC with the ability to supply at least 200mA of current.

-USING THE HUM DEBUGGER-

The Electro-Harmonix Hum Debugger requires no special tricks necessary when to remove hum. You can use it like you would any other effects pedal. The only thing to remember is you must use the AC Adapter that the Hum Debugger comes supplied with.

When using the Hum Debugger first set the toggle switch to NORMAL mode. NORMAL mode should work well in most situations. If you find that the Hum Debugger is still letting some hum through then move the switch up to STRONG mode, this should remove the rest of the hum.

If you use more effects pedals than just the Hum Debugger we advise that the Hum Debugger be inserted at the beginning of the effects chain.

- 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 rule