



# 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.