



# EPITOME

## MULTI-EFFECT PEDAL featuring MICRO POG, STEREO ELECTRIC MISTRESS, & HOLY GRAIL PLUS

Congratulations on your purchase of the Electro-Harmonix Epitome multi-effect pedal. The Epitome combines three of the most popular and advanced Electro-Harmonix pedals: the Micro POG octave generator, the Stereo Electric Mistress flanger/chorus pedal, and the Holy Grail Plus reverb unit.

The effects on the Epitome can function independently, together, or can interact with each other in a unique manner by engaging SHIMMER mode. The three separate footswitches, one for each section, allow for individual control over which effect is on or off. Each effect has its own dedicated knobs and switches, all of which are tweakable at any moment; there are no menus or hidden settings to scroll through.

Shimmer mode reroutes the Epitome's effects in a way that would not be possible with the three separate effects pedals. In Shimmer mode, the octaves from the Micro POG are separated from the Dry signal allowing the Holy Grail Plus to only reverberate the octaves. Additionally, Flerb mode in the Holy Grail Plus changes to an echo effect, where the Micro POG is placed in the feedback path of the delay to create echoes that change octaves with each repeat.

Using the Epitome is like having three separate effects pedals on your pedalboard, without the need for additional cables or separate power supplies, all in the footprint of one medium sized pedal. The Epitome's footprint is 5.75" x 4.75".

**WARNING:** Your Epitome comes equipped with an Electro-Harmonix 9.6DC-200BI power supply (same as used by Boss® & Ibanez®: 9.6 Volts DC 200mA). The Epitome requires 185mA at 9VDC with a center negative plug. The Epitome does not take batteries. Using the wrong adapter may damage your unit and void the warranty.

## - CONTROLS, INDICATORS, & I/O -

### **MICRO POG SECTION**

**DRY Knob** - Controls the output volume of the DRY signal. The DRY signal is the signal present at the INPUT jack. As this knob is turned clockwise, the volume of the DRY signal increases. If the Holy Grail Plus is set to ECHO Mode, the DRY knob sets the delay's feedback for the dry signal. See page 5 for more info on the ECHO mode.

**SUB OCTAVE Knob** - Controls the output volume of the SUB OCTAVE signal. The SUB OCTAVE signal is one octave below the original input signal, half the frequency of the input signal. As this knob is rotated clockwise, the volume of the SUB OCTAVE signal will increase. If the Holy Grail Plus is set to ECHO Mode, the SUB OCTAVE knob sets the delay's feedback for the SUB Octave signal. See page 5 for more info on the ECHO mode.

**OCTAVE UP Knob** - Controls the output volume of the OCTAVE UP signal. The OCTAVE UP signal is one octave above the original input signal or twice the frequency of the original input signal. The volume of the OCTAVE UP signal increases as this knob is rotated clockwise. If the Holy Grail Plus is set to ECHO Mode, the OCTAVE UP knob sets the delay's feedback for the upper octave signal. See page 5 for more info on the ECHO mode.

### **STEREO ELECTRIC MISTRESS SECTION**

**RATE Knob** - This knob controls the speed or rate of the LFO signal that modulates the flanger. It also controls the rate of the Chorus effect. Turning the RATE knob clockwise increases the rate of modulation. When the RATE knob is turned down, between fully counter-clockwise and the 10 o'clock position, the Stereo Electric Mistress will enter Filter Matrix mode. In Filter Matrix mode the LFO signal is disconnected from the Flanger and Chorus so that you can manually modulate the Flanger/Chorus by turning the RATE knob. Keep the RATE knob below 10 o'clock to keep it in Filter Matrix mode.

**FLANGER Depth Knob** - Controls the amount of Flange that is mixed with the direct signal. The more you turn the knob clockwise, the more pronounced the flanger effect will be. Turning the FLANGER knob down completely bypasses the flanger.

**CHORUS Depth Knob** - Controls the amount of the chorus sound. The more you turn the knob clockwise, the more pronounced the chorus effect will be. Turn the CHORUS knob down completely to bypass the chorus effect.

**Hint** - The Flanger and Chorus effect can be used together. While each individual effect produces rich sweeping textures, together they can produce dramatically different and warm soundscapes that are not available when one effect is used alone. See page 5 for more information on the Stereo Electric Mistress sounds.

## **HOLY GRAIL PLUS SECTION**

**REVERB Switch** - Chooses the reverb mode. From top to bottom, the modes are SPRING, HALL, ROOM and FLERB. When Shimmer is enabled, FLERB mode changes to an echo effect. See Page 6 for descriptions of each reverb mode.

**AMOUNT Knob** - The function of the AMOUNT knob changes with each REVERB mode:

<b>REVERB Mode</b>	<b>AMOUNT Parameter</b>
SPRING	Reverb Time & Spring Time
HALL	Reverb Time
ROOM	Damping Amount
FLERB/Echo	Modulation Rate/Delay Time

**BLEND Knob** - Controls the wet/dry mix from 100% Dry (counter-clockwise position) to 100% Wet (clockwise position). Set BLEND to 12 o'clock for an equal mix of both.

**SHIMMER Switch** - Enables SHIMMER mode, which changes the routing between each effect to produce a lush, shimmering reverb tone while keeping a dry initial attack. See pages 4-5 for details on SHIMMER mode. When SHIMMER mode is enabled, the Holy Grail Plus LED lights up green. If SHIMMER is disabled, the Holy Grail Plus LED will be red.

## **FOOTSWITCHES & LEDs**

Each effect section of the Epitome has its own independent footswitch to toggle the associated effect in and out of bypass. Bypass through the Epitome is **buffered bypass**.

**MICRO POG Footswitch and STATUS LED** – The footswitch located nearest to the IN jack toggles the Micro POG effect on or off. When the LED in the Micro POG section is lit, the Micro POG effect is active. When the Micro POG LED is off, the Micro POG section is bypassed.

**STEREO ELECTRIC MISTRESS Footswitch and STATUS LED** – The footswitch located in the middle of the Epitome toggles the Stereo Electric Mistress effect on or off. When the LED in the Stereo Electric Mistress section is lit, the Stereo Electric Mistress effect is active. When the Stereo Electric Mistress LED is off, the Stereo Electric Mistress section is bypassed. When lit, the Stereo Electric Mistress LED fades between red and green to show the rate of modulation.

**HOLY GRAIL PLUS Footswitch and STATUS LED** – The footswitch located nearest the OUT jack of the Epitome toggles the Holy Grail Plus effect on or off. When the LED in the Holy Grail Plus section is lit (either red or green), the Holy Grail Plus effect is active. When the Holy Grail Plus LED is off, the Holy Grail Plus section is bypassed. A red LED in the Holy Grail Plus section indicates that the SHIMMER setting is off. A green LED in the Holy Grail Plus section indicates that

the SHIMMER setting is on. More information on the operation of the SHIMMER switch is on pages 4-5.

## **I/O & POWER JACKS**

**MONO/L and R INPUT Jacks** - The Epitome allows for full stereo input. The input jacks are labeled: Mono/L and R. When using the Epitome with only one input we suggest you use the MONO/L input. When using a single input, the input impedance is 500k $\Omega$ . When using both inputs, the input impedance at each jack is 1M $\Omega$ .

**MONO/L Output Jack** - This 1/4" jack is the main effect output jack when connected in mono and the Left output when hooked up in stereo. The output impedance at this jack is 910 $\Omega$ .

**R Output Jack** - This 1/4" jack is the Right effect output jack. Connect this jack to your second amp or second mixer channel when connecting the Epitome in stereo. The output impedance at this jack is 910 $\Omega$ .

**9V Power Jack** - Connect the output plug from the AC Adapter that was supplied with your Epitome to this jack, located at the top of the unit. The Epitome requires 185mA at 9VDC. The polarity of the power jack is center negative.

## **- STEREO OPERATION AND THE SHIMMER SWITCH -**

The Epitome can be used either as a mono or stereo effect unit. Signal routing in the Epitome depends on which effects are engaged, and the position of the SHIMMER switch.

**SHIMMER Switch Off** – With the SHIMMER switch off, the effects in the Epitome work independently, in the following order:

IN → MICROPOG → STEREO ELECTRIC MISTRESS → HOLY GRAIL PLUS → OUT

The Micro POG section is a mono effect. If both the L and R inputs are being used, the L and R signals are combined before going through the Micro POG octave section, while the DRY signal remains stereo through the Micro POG. When the Micro POG is bypassed, L and R inputs remain separate.

The Stereo Electric Mistress section is stereo. The Stereo Electric Mistress will produce separate stereo flange/chorus sounds whether it is fed by a stereo signal or a mono signal (such as a single guitar or the output of the Micro POG).

The Holy Grail Plus section has a mono input but a stereo output. If the Holy Grail Plus is being fed by a stereo signal (such as the output of the Stereo Electric Mistress or the L and R inputs), the L and R signals are combined before entering the Holy Grail Plus reverb block but the DRY signal remain in stereo. The output of the reverb effect is stereo. When the Holy Grail Plus is bypassed, L and R inputs remain separate.

**SHIMMER Switch On** – With the SHIMMER switch engaged, the effects interact to produce sounds unique to the Epitome pedal. The signal path is rearranged in the following manner:

IN → MICROPOG → HOLY GRAIL PLUS → STEREO ELECTRIC MISTRESS → OUT

**Normal SHIMMER Mode** – The Epitome is in normal SHIMMER mode when the SHIMMER switch is on, both the Micro POG and Holy Grail Plus are engaged, and the Holy Grail Plus is set to SPRING/HALL/ROOM. In this setting, the Holy Grail Plus only applies reverb to the octave signals from the Micro POG. The BLEND knob controls the balance between the separated dry signal and the reverberated octave signals.

**ECHO Mode** (Shimmer engaged, set to FLERB) – The Holy Grail Plus functions as a delay pedal when SHIMMER is enabled, the Holy Grail Plus section is on, and the Holy Grail Plus is set to FLERB. In this mode, the **AMT knob controls the delay time, ranging from 25ms to 590ms**. If the Micro POG section is off, the delay will produce only one repeat. If the Micro POG section is engaged, then the knobs on the Micro POG control the delay's feedback for each of their associated octaves, allowing for each echo repeat to go through the octave effects. As an example, if the OCTAVE UP knob is turned to 2 o'clock and you play a C2 note, each echo will go up one octave to C3, C4, C5, etc.

### - STEREO ELECTRIC MISTRESS EFFECT DESCRIPTIONS -

**FLANGER Effect** - The flanging effect can be thought of as a pitch slowly sweeping between high and low limits superimposed on the guitar signal. The RATE control allows you to change the speed at which the sweep occurs. With the RATE control fully counter-clockwise, you enter the Filter Matrix mode, which extends to the 10 o'clock position of the knob. Turning the dial clockwise increases the rate to the point where the frequency of the input signal appears to be shifted in a vibrato-like fashion. The Chorus effect follows the same principle but produces a lush chorus where the rate control is identically applied to the Chorus and Flanger.

**FILTER MATRIX Mode** - The Stereo Electric Mistress has been set at the factory for maximum color capacity in the FLANGER mode. One of the unique settings inherited from the legendary Deluxe Electric Mistress is the Filter Matrix mode. The harmonic makeup of the flange remains while no frequency modulation is applied. Different tonalities can be obtained when the RATE knob is set between a totally off position to around 10 o'clock position.

### - HOLY GRAIL EFFECT DESCRIPTIONS -

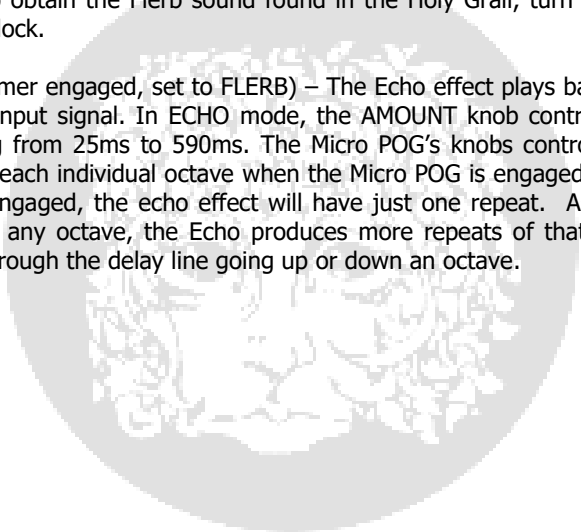
**SPRING Reverb** - The Spring Reverb effect is a simulation of the spring reverb found in many classic guitar amps. In SPRING mode, the AMOUNT knob controls the size of the spring reverb. The further you turn the AMOUNT knob clockwise, the bigger the spring reverb will be. Set the AMOUNT knob to 12 o'clock to obtain the Spring Reverb found in the Holy Grail.

**HALL Reverb** - Hall Reverb is a simulation of the reverb heard in a large space. In HALL mode, the AMOUNT knob controls the reverb time. The further you turn the AMOUNT knob clockwise, the longer the reverb time and the larger the reverb space. Using the AMOUNT control you can obtain reverb spaces from a room to a large hall. To obtain the Hall Reverb sound found in the Holy Grail, turn the AMOUNT knob to 1 o'clock.

**ROOM Reverb** - Room Reverb is a simulation of the reverb heard in a small space. In ROOM mode, the AMOUNT knob controls the damping factor of the reverb. As the AMOUNT knob is turned clockwise, the reverb will be less damped. Set the AMOUNT knob to its minimum position (full counter-clockwise) and the reverb will be heavily damped, sounding like a bathtub reverb. Turn the AMOUNT knob to full clockwise and the reverb sounds like an open room with no damping.

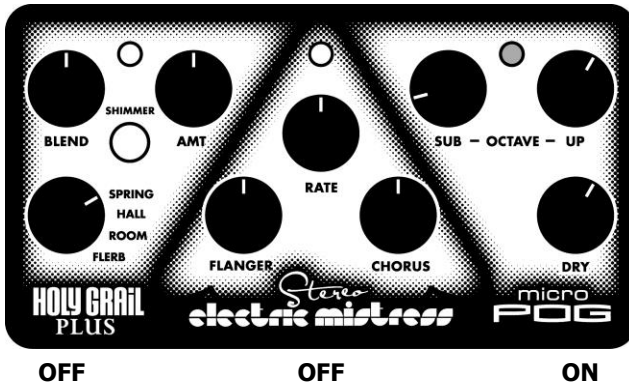
**FLERB Reverb** - The Flerb Reverb effect is made up of a reverb followed in series by a flanger. In FLERB mode, the AMOUNT knob controls the rate of the Flerb's modulation. As you turn AMOUNT clockwise, the rate of modulation increases. To obtain the Flerb sound found in the Holy Grail, turn the AMOUNT knob to 8 o'clock.

**ECHO** (Shimmer engaged, set to FLERB) – The Echo effect plays back a delayed copy of the input signal. In ECHO mode, the AMOUNT knob controls the delay time, ranging from 25ms to 590ms. The Micro POG's knobs control the delay's feedback for each individual octave when the Micro POG is engaged. If the Micro POG is not engaged, the echo effect will have just one repeat. As feedback is increased on any octave, the Echo produces more repeats of that octave with each cycle through the delay line going up or down an octave.

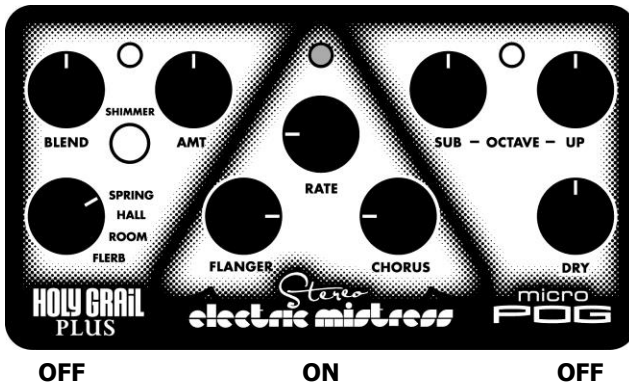


- SAMPLE SETTINGS: SHIMMER OFF -

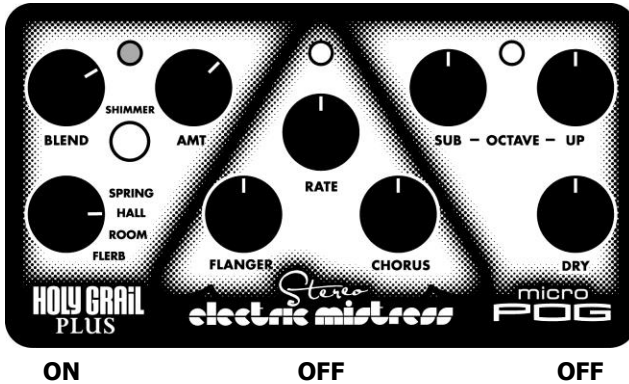
12 String Guitar



Old Radio

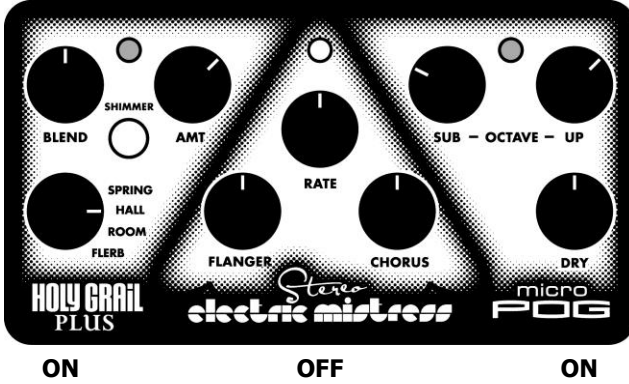


Huge Hall

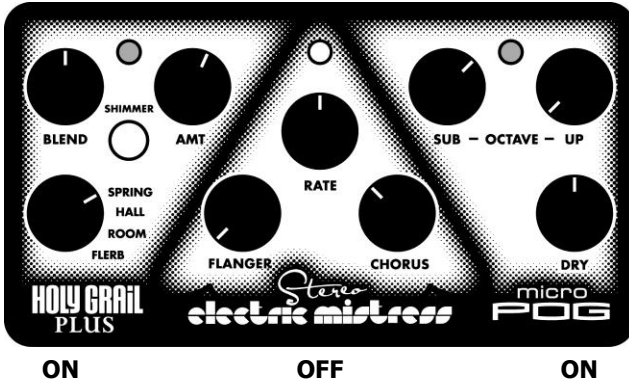


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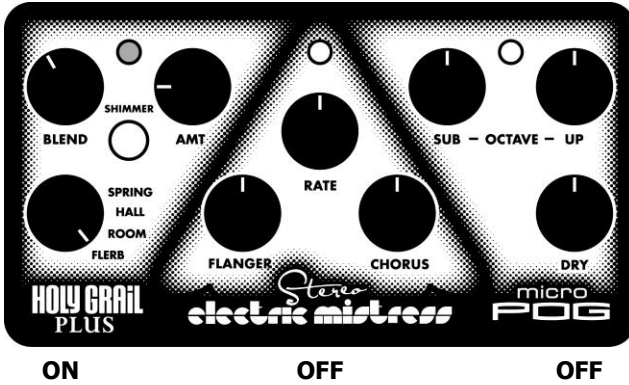
Lush Chord Reverb



Subtle Ambience Reverb



Fast Echo



- SAMPLE SETTINGS: SHIMMER ON -



### Fluttering Echoes



ON

OFF

ON

### Octave Echo Multiplicity



ON

OFF

ON

### Bass Follower



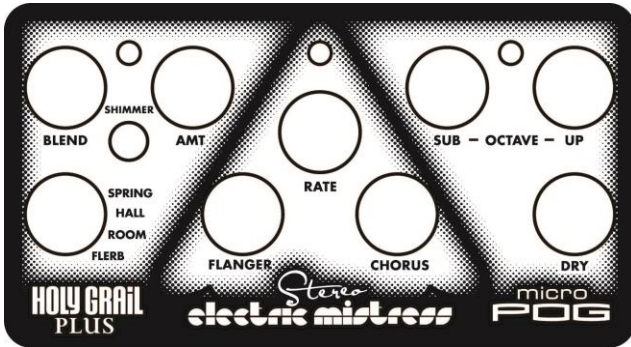
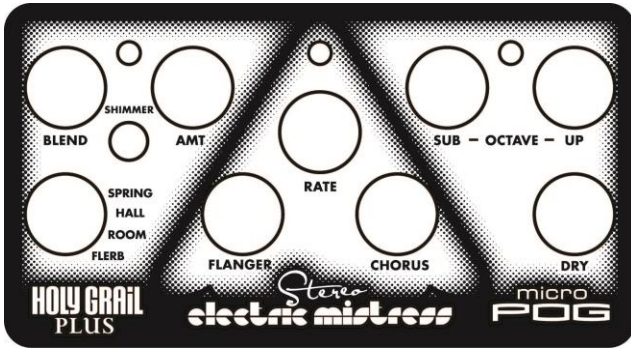
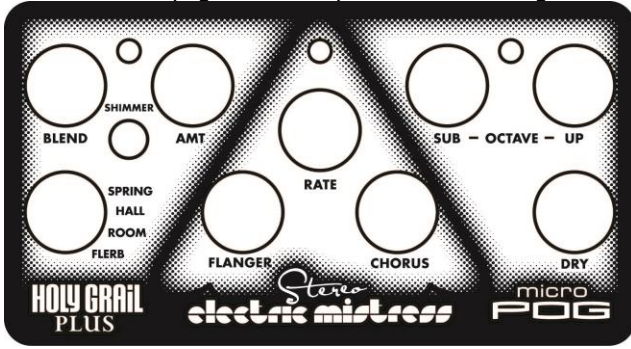
ON

OFF

ON

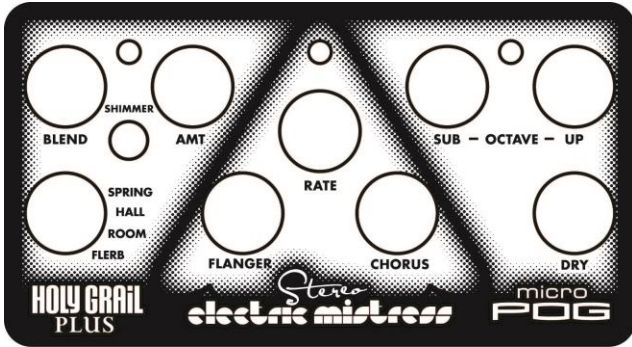
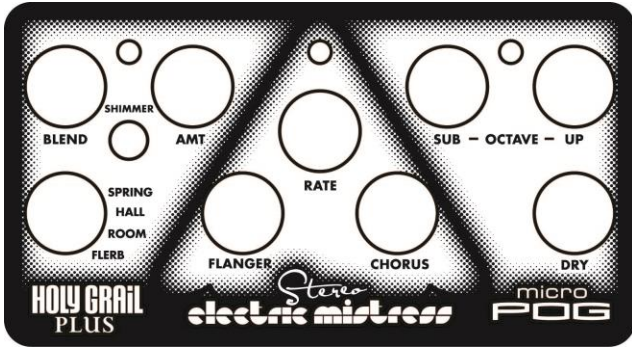
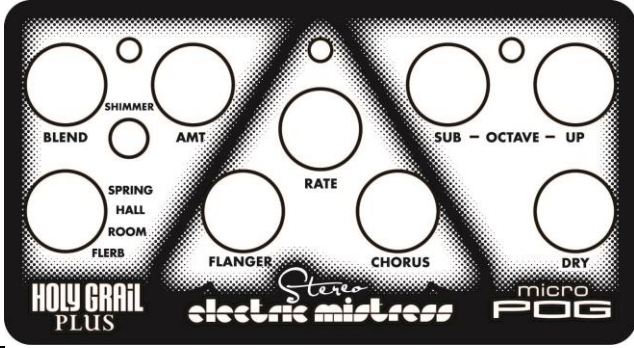
# - USER SETTINGS -

Use this page to record your favorite settings



**- USER SETTINGS -**

Use this page to record your favorite settings



## - 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.*