electro-harmonix

BAD STONE

Congratulations on your purchase of the Bad Stone, a reincarnation of the highly sought after Electro-Harmonix classic from the '70s, now in a nano package. The Bad Stone is a six stage phase shifter with variable rate, feedback, and a manual shift control that allows you to freeze the phase and create new sonic landscapes. True bypass switching ensures your tone won't be colored when the pedal is bypassed.

CONTROLS

RATE Knob – Controls the Bad Stone's modulation speed by setting the frequency of the internal low frequency oscillator (LFO). The speed ranges from 0.05Hz to 32Hz. (Note: The original Bad Stone's LFO frequency range was 0.2Hz to 32Hz. We felt that altering the original design to allow for slower phasing, thus making this pedal not a 100% true reissue, made for a better overall product.) This control is disabled when the AUTO/MANUAL toggle switch is set to MANUAL mode.

FEEDBACK Knob – Controls the amount of signal fed back from the output of the phase shifter circuit into the input of the phase shifter circuit. As you turn the feedback control up, the phase shift effect will sound more pronounced and even sound resonant or "peaky" at high settings.

MANUAL SHIFT Knob – Sweeps through the phase shifter's range, creating a sort of "cocked wah" sound. For maximum effect, make sure the FEEDBACK knob is in its full CW position. This knob is only active when the AUTO/MANUAL toggle switch is set to MANUAL mode.

AUTO/MANUAL Switch – In AUTO mode the Bad Stone's LFO modulates the phase shifter. In MANUAL mode the LFO is disconnected and the MANUAL SHIFT knob sweeps through the full range of the phase shifter.

INPUT Jack – This ¼" jack is the audio input of the Bad Stone. The input impedance is 95kΩ.

AMP Jack – This ¼" jack is the audio output of the Bad Stone. The output impedance is 4.7kΩ.

9V Power Jack – The Bad Stone operates with a standard 9V battery or an optional 9VDC AC Adaptor capable of delivering at least 25mA to the 9V power jack, such as the EHX9.6DC-200. The AC Adapter must have a center negative plug. The battery may be left in or taken out when using an AC Adaptor. The Bad Stone has a current draw of 18mA at 9VDC.

CHANGING THE BATTERY

To change the 9V battery, you must remove the 4 screws on the bottom of the Bad Stone. Once the screws are removed, you can take the bottom plate off and change the battery. Please do not touch the circuit board while the bottom plate is off for risk of damaging a component.

- 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.

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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.