electro-harmonix

GOOD VIBES

Analog Modulator

Congratulations on your purchase of the Good Vibes, a re-creation of classic 1960's era Chorus/Vibrato! This circuit's original foundation is preserved through the use of photocells and internally-boosted power-rails. The result is anything from wiggly vibrato, to subtle leslie and ultra-lush chorus that is out of this world! True Bypass and LED indication have also been added, along with an expression pedal input for selectable control over speed or intensity.

WARNING: Your Good Vibes comes equipped with an Electro-Harmonix 9.6DC-200 power supply (same as used by Boss® & Ibanez®: 9.6 Volts DC 200mA). The Good Vibes requires up to 45mA at 9VDC with a center negative plug. Using the wrong adaptor may damage your unit and void the warranty. The Good Vibes does not accept batteries.

VOLUME Knob – controls the output volume. Maximum setting is slightly above unity-gain.

SPEED Knob – controls the speed of modulation. As you turn SPEED clockwise, the modulation rate increases. The LED to the left of the SPEED knob flashes at the modulation rate (even in bypass).

INTENSITY Knob – allows you to set the depth of modulation sweep. As you turn INTENSITY clockwise, the modulation depth increases.

CHORUS-VIBRATO Switch – when this switch is set to Vibrato, the Good Vibes delivers pure pitch-modulation. When this switch is set to Chorus, the Good Vibes delivers a lush, vibe-like chorus.

FOOTSWITCH and LED – The Footswitch toggles the Good Vibes between effect and True Bypass mode. When the effect is engaged, the LED is lit.

INPUT Jack – This ¼" jack is the audio input for the Good Vibes. The input impedance is 500kΩ.

OUTPUT Jack – This ¼" jack is the effect output for the Good Vibes.

EXP Jack – This ¼" EXPression jack accepts a TRS expression pedal connector or a Tip-Sleeve 0-5V control voltage input. Some suggested Expression Pedals include: EHX Expression Pedal, M-Audio® EX-P, Roland® EV-5 or Boss® FV-500L. The polarity of the expression pedal's plug must connect the Sleeve to the heel position, Ring connected to the toe position, and the Tip connected to the wiper. The nominal expression pedal impedance is 10kΩ, but it can accept impedances ranging from 6kΩ – 100kΩ.

EXP SPEED-INTENSITY Switch – when this switch is set to SPEED, the connected expression source controls the speed of modulation (toe-down is fastest rate). When this switch is set to INTENSITY, the connected expression source controls the modulation depth (toe-down is maximum depth). Furthermore, the panel-knob of the selected function works in conjunction with the expression pedal to set the maximum sweep of the toe down position.

9V Power Jack – Plug the output of the supplied AC adaptor into the 9V power jack located at the top of the Good Vibes. The Good Vibes draws up to 45mA at 9VDC with a center negative plug. The Good Vibes accepts Boss® and Ibanez® style AC Adaptors. **Please do not exceed 10VDC at the 9V power jack!**

- 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.