



# GRAPHIC FUZZ

## -OPERATING INSTRUCTIONS-



The **GRAPHIC FUZZ** is an **AC** operated unit which has several unique features including graphic equalization which are not found on any other fuzz/distortion/overdrive products on the market today.

The GRAPHIC FUZZ has been specially designed for low noise/low hum operation. An LED indicator shows when the effect is in either the ON or **BYPASS** modes. This unit is sensitive to the dynamics of your playing, that is, the effect will be louder when you play harder and will be quieter when you strum or pick more softly.

To operate, plug the unit into a standard AC outlet. Plug your guitar into the **INPUT** jack. Plug your amplifier into the **OUTPUT** jack.

Six slide pots allow you to adjust the output level by as much as + or – 15 dB in the 125 Hz, 250 Hz, 500 Hz, 100 Hz, 2000 Hz, and 4000 Hz frequency bands. This allows for great tonal flexibility.

The small **ON-FUZZ-OFF** switch at the top of the unit makes the GRAPHIC FUZZ a dual purpose effect. In the ON position, the fuzz effect is on. In the OFF position, the fuzz is off and the unit can be used as a graphic equalizer using the six slide pots already mentioned.

The **VOLUME** slider controls the output volume level.

The envelope shaping capabilities of the unit are controlled by two slide pots labeled **DYNAMICS** and **SUSTAIN**. The DYNAMICS slider controls the sensitivity of the unit to your playing style. When the slider is down, the unit behaves like a conventional fuzz box with the output volume at a more or less constant level. As the slider is moved up, the unit becomes increasingly more sensitive to the dynamics of your playing. It will get louder as you play harder and will get softer as you play more gently. The SUSTAIN slider is only effective when the DYNAMICS slider is up. It controls how long a note is sustained. Maximum sustain is achieved when the Sustain slider is all the way up.

The **OVERDRIVE** footswitch allows you to control the amount of distortion in the output signal.

The **CUT** footswitch allows you to bypass the entire unit without having to physically disconnect it. The red LED will light up when the unit is engaged and will go off when the unit is bypassed.

#### **TECHNICAL SPECIFICATIONS:**

Power:	95V-120V AC, 50-60 Hz
Input Impedance:	200K ohm
Input Level:	200 mV to 1V rms
Output Impedance:	1K ohm
Output Level:	1Vnom. 7V max.
Overdrive Gain Range:	28 dB
Sustain Time Range:	100ms to 10 sec
Equalizer Controls:	± 15 DB

**Only use the US96DC-200BI power supply adaptor** that was supplied with the unit. Use of any other adaptor will damage the unit and void the warranty.

#### **- 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**

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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 -**

*This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. If the device is not installed and used in accordance with the instructions, it may cause harmful interference to radio communications and void the user's authority to guarantee the equipment.*

*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.*