

# EAT E-Glo

Phono Preamplifier

Owner's Guide

**Thank You for choosing EAT. Please take a few moments to review this manual so you may enjoy all the benefits of your new E-Glo phono preamplifier.**

#### **IMPORTANT SAFETY INSTRUCTIONS**

- Read all the safety and operating instructions before operating this product. Retain safety and operating instructions for future reference.
- Operate this product only from the type of power source indicated on the label on back panel of EAT Power Supply unit. Use of any other voltage will likely damage the unit and void the warranty.
- Avoid letting liquids enter the device or the power supply. Never place any item containing liquid, such as a flower vase on or near the device. Never spill any liquid on the device or the power supply. Never place any naked flame sources, such as lighted candles on or near the device. The product shall not be used in damp or wet locations, next to a bathtub, sink, swimming pool or any other similar conditions.
- The product should be situated away from heat sources such as radiators, heat registers, stoves and other products that produce heat.
- Do not attempt to repair or service this product yourself. Opening or removing covers may expose you to dangerous voltage and other hazard. Refer all servicing to qualified service personnel.
- Never push objects of any kind into this product through any openings. They may touch dangerous voltage points or short out parts that could result in fire or electric shock.
- Do not block ventilation slots or heatsinks.
- Unplug this product during lightning storms or when unused for long periods of time.
- Always disconnect your entire system from the AC mains before connecting or disconnecting any cables or when cleaning any component.

## Unpacking

The EAT E-Glo phono preamplifier should be removed from its box with care. We suggest that you keep all of the original packaging, storing it in a safe, dry place in the event that you're required to transport this product.

## EAT Power Supply unit

### Power cables

Connect the grey power cable from the EAT Power Supply unit to the POWER socket of the EAT E-Glo phono preamplifier and then connect the unit to the mains (mains power cable is not supplied).

Prior to turning this preamplifier on, make sure that every cable on both units is properly connected to avoid any problems.

Main Power switch is located on the rear panel of the Power Supply unit.

The state of the unit is indicated by the LED's on the front panel.

**Power** : the green LED illuminate, indicating that the unit is in stand by.

**Anodes**: the green LED illuminate, indicating that the EAT phono preamplifier is powered up and ready to play.

*On sequence: the unit heats up for 40seconds after the main power switch is turned ON.*

Fuse replacement : For the 230V version use a T1A L / 250V (5x20mm size).

## EAT E-Glo phono preamplifier unit

### Controls and Rear Panel Connections

Control Panel

#### POWER

The rocker switch on the left side turns the unit ON or back to OFF. (EAT Power Supply has to be connected to the EAT phono amplifier and turned ON).

*On and Off sequence* : the Power Supply unit heats up for 40 seconds after it's switched ON. This period is indicated by blinking of the Gain1 and Gain2 LED's.

*If the unit is turned OFF and then again ON, then there is another 40 seconds period for cooling down. This period is indicated by fast blinking of the Gain1 and Gain2 LED's. It can take up to 80 seconds for re-start the unit.*

#### MUTE

MUTE activates and deactivates mute.

#### SUB

Turns ON/OFF subsonic filter.

#### MM/MC

Switches between MM and MC cartridges.

#### Capacitance and Impedance Settings

Use the rotary controls on the top to set input impedance and input capacitance. Values are shown on the front panel. Impedance and Capacitance for MM cartridges or Impedance for MC cartridges (Capacitance is irrelevant for MC).

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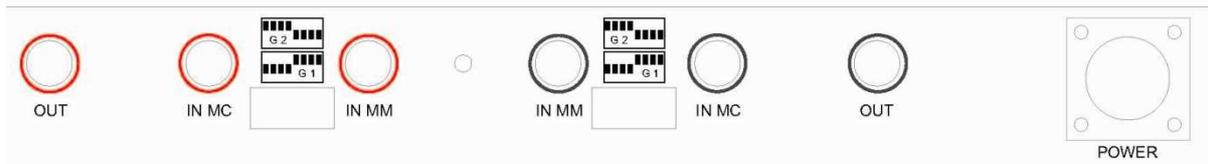
|        |   |   |    |     |     |     |     |     |     |      |     |
|--------|---|---|----|-----|-----|-----|-----|-----|-----|------|-----|
| Gain 1 | ○ | — | 2  | 5   | 10  | 20  | 40  | 80  | 150 | 300  | Ohm |
| Gain 2 | ○ | — | 10 | 20  | 40  | 80  | 150 | 300 | 600 | 1200 | Ohm |
|        |   |   | ○  | ○   | ○   | ○   | ○   | ○   | ○   | ○    | pF  |
|        |   |   | 50 | 150 | 270 | 370 | 520 | 620 | 740 | 840  |     |

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Settings can be done while listening. To find out which type your cartridge is, please consult the literature accompanying your cartridge. The literature for cartridges should also specify the correct input impedance (low-output MC cartridges) and the correct input capacitance (high-output MC and MM cartridges), into which the cartridge is designed to work. If in doubt please consult your dealer.

## Rear Panel

Take care to connect the left and right channels correctly. The right channel is usually marked red, the left channel black or white. Do not connect the phono amplifiers output to a phono input (sometimes labelled gram, disc or RIAA) on the amplifier. Never use any other power supply than the one supplied with the unit.



### Input connectors (IN MM / IN MC)

Connect the tonearm signal lead to the correct input of the phono amplifier IN MC or IN MM. The earthing wire may be connected to the screw terminal if you encounter hum problems when using the record player.

### Output connectors (OUT)

Connect the Output of the phono amplifier to a line input (such as AUX, CD, Tuner, Tape or Video) on your amplifier.

### Power connection (POWER)

Connect the power connector from the EAT Power Supply unit to the POWER socket of the phono amplifier before connecting the EAT Power Supply unit to the mains.

### Gain selection (G1 / G2 DIP switches)

use the DIP switches to select desired gain. Value depends on the valves used. Standard values with the original valves from the factory are G1 - 76dB or G2 - 70dB. Please set both channels equally.

## Technical specifications

|                       |   |
|-----------------------|---|
| Input impedance MC    | 10,20,40,80,150,300,600,1200 Ohm / 70dB<br>2,5,10,20,40,80,150,300 Ohm / 76dB |
| Load capacity         | 50,150,270,370,520,620,740,840 pF   |
| Output impedance      | < 150 ohms  |
| Gain MM               | 46dB  |
| Gain 1 MC             | 76dB  |
| Gain 2 MC             | 70dB  |
| Signal to noise ratio | MM 65dBV (80dBV - IEC -A)<br>MC 65dBV (79dBV - IEC -A)                        |
| THD, MM / MC          | <0,1% / 1V RMS  |
| RIAA accuracy         | within 0,3dB/20Hz - 20kHz   |
| Subsonic              | 12dB/Octave   |
| Input                 | RCA   |
| Output                | RCA   |
| Power supply          | 230 VAC, 50-60Hz /100VA   |
| Dimensions W x H x D  | 435 x 90 x 270 mm E-Glo<br>435 x 85 x 280 mm E-Glo PS                         |
| Weight                | 5,1kg E-Glo<br>6,5kg E-Glo PS   |

## Warranty

The manufacturer accepts no responsibility for damage caused by not adhering to these instructions for use. Modification or change to any part of the product by unauthorized persons release the manufacturer from any liability over and above the lawful rights of the customer.