



# 44 MAGNUM

## Guitar Power Amplifier

Congratulations on your purchase of the 44 MAGNUM guitar amplifier! The 44 MAGNUM produces a powerful 44 watts and is small enough to fit in the palm of your hand. Despite this amp's small size, at 44 watts the 44 MAGNUM will have no problems being heard at the gig. The 44 MAGNUM's sweet sound and extreme portability guarantee it to be an integral part of your rig for rehearsal, recording, or playing out. The 44 MAGNUM was designed with the guitar in mind and can be used alone, or with your favorite preamp driving the input to the 44 MAGNUM. The 44 MAGNUM also sounds great with other instruments such as bass and keyboard. Please read this manual to become familiar with the correct use of the 44 MAGNUM.

**WARNING: THE 44 MAGNUM IS A POWER AMP, NOT AN EFFECTS PEDAL. DO NOT connect the output of the 44 MAGNUM to the input of another amplifier, effects pedal, mixer, computer, computer interface or other similar device. Connect the output of the 44 MAGNUM to an 8 -16  $\Omega$  speaker cabinet ONLY.**

**WARNING: USE ONLY THE 24 VDC / 3A ADAPTER THAT THE 44 MAGNUM COMES SUPPLIED WITH. Do not use any other adapters. Using other adapters, even those made by Electro-Harmonix, could cause harm to the unit, the adapter or you. The 44 MAGNUM does not use batteries.**

### -CONTROLS and JACKS-

**VOLUME CONTROL** – This knob controls the volume or loudness of the amplifier. As you turn the VOLUME knob clockwise, the 44 MAGNUM's output gets louder. At a certain point in the VOLUME knob's travel the output will start to overdrive, at this point you are beginning to exceed 44 Watts on your loudest notes. Turning the VOLUME knob further clockwise will produce a more overdriven sound which is the result of pure power amp saturation.

**BRIGHT/NORM CONTROL**- When engaged, the BRIGHT switch adds a subtle top boost or presence to your signal. When in the NORM position, the top boost is defeated.

**INPUT Jack**- Plug the output of your guitar, effects pedals or any other instrument into the INPUT jack using a standard ¼" instrument cable. The input impedance presented at the INPUT jack is 2 M $\Omega$ .

**8 – 16 Ω OUTPUT Jack** – Connect the 44 MAGNUM's OUTPUT jack directly to a speaker cabinet. 8 Ω - 16 Ω only.

**WARNING:** NEVER CONNECT THE OUTPUT OF THE 44 MAGNUM TO THE INPUT OF ANOTHER AMPLIFIER, AN EFFECTS PEDAL, MIXER, COMPUTER, COMPUTER INTERFACE OR OTHER SIMILAR DEVICE.

We recommend using a speaker cable between the 44 MAGNUM and speaker cabinet as you would with any power amplifier, though you can get away with using an instrument cable if absolutely necessary. The impedance of the speaker cabinet must be rated between 8 Ω and 16 Ω (Ω = ohms). 8 Ω is the ideal load for the 44 MAGNUM. Additionally the speaker cabinet must have a power rating equal to or greater than the 44 MAGNUM's output power capability. We recommend a speaker cabinet with at least a 50W peak rating (or 25W RMS).

**WARNING:** Make sure the 44 MAGNUM's output is connected to a speaker cabinet before applying power.

**24VDC/3A POWER Jack** – Connect the output plug from the 44 MAGNUM's supplied power supply to the power jack at the top of the unit. Only use the power supply that the 44 MAGNUM was supplied with. The 44 MAGNUM requires a power supply capable of delivering at least 2A (more available current is better) at exactly 24 VDC. DO NOT EXCEED 24 VDC ON THE POWER JACK, doing so will damage the 44 MAGNUM. DO NOT CONNECT AN AC POWER SUPPLY VOLTAGE TO THE 44 MAGNUM, USE DC POWER ONLY. The polarity of the power jack is center positive.

**-WARNINGS (PLEASE READ!!!)-**

**THE 44 MAGNUM IS A POWER AMP, NOT AN EFFECTS PEDAL:**

Connect the output of the 44 MAGNUM to a speaker cabinet only. DO NOT CONNECT THE OUTPUT OF THE 44 MAGNUM TO THE INPUT OF ANOTHER AMPLIFIER, EFFECTS PEDAL, MIXER, COMPUTER, COMPUTER INTERFACE or similar device.

**SPEAKER CABINET:** Only plug the output of the 44 MAGNUM into a speaker cabinet rated for an impedance in the range of 8 Ω to 16 Ω (8 to 16 ohms); the speaker cabinet power rating should be 50W peak rating (or 25W RMS).

**OUTPUT FIRST THEN POWER:** Connect the output of the 44 MAGNUM to a proper speaker cabinet before applying power to the 44 MAGNUM. If you connect the 44 MAGNUM to a speaker cabinet while it is powered up, the 44 MAGNUM may automatically mute its output to prevent a short circuit on the output jack. In this situation simply remove power from the 44 MAGNUM, wait a few seconds and then re-apply power to the 44 MAGNUM, it should work normally.

## - 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 y 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.*