




# **THE GAZELLE - USER MANUAL**

**High voltage tube preamp**

**Congratulations on your purchase ! You're now equipped with an awesome and versatile tube preamp running at true high voltage ! Read this user manual for all safety precautions and tips about properly using your new pedal.**

## **Usage and precautions : stay safe !**

 **If users ignore this section and handle the device the wrong way, serious injury, bodily injury, damage to the equipment or death could result.**

- ▶ Be sure to disconnect the power cable before moving the unit or connecting other cables.
- ▶ Only use with a 12VDC, **center-positive**, 1.5A or more power supply. The use of an adapter other than the specified type may damage the unit and pose a safety hazard.
- ▶ If the unit is not to be used for a long time, disconnect the power cable from the unit.
- ▶ Avoid exposing the unit to environments with extreme temperature, high humidity or moisture, excessive dust or sand, excessive vibration or shock.
- ▶ Except for the footswitches, do not push other parts with your feet or subject them to strong force.
- ▶ Take care that no foreign object or liquid can enter the unit.
- ▶ The unit is designed to be immune to electromagnetic interference. However, equipments that emit powerful electromagnetic waves should not be placed near the unit, as the possibility of interference cannot be ruled out entirely.
- ▶ The unit contains no user serviceable parts. Contact TAMPCO regarding warranty or servicing issues.



**This device should be disposed of in the appropriate electronic waste bin.**

This equipment has been tested and found to comply with the limits of 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 the 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. This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

## **Specifications :**

- ▶ Input impedance :  $1M\Omega$
- ▶ Output impedance :  $\leq 6k\Omega$
- ▶ Relay Bypass
- ▶ Two channels preamp with independant gain and volume controls, three band equalizer, all-tube audio path running at 300VDC
- ▶ Power requirements : 12VDC, 1.5A, **center-positive** 2.1mm plug
- ▶ Construction : solid die-cast aluminium alloy, powder coated

## **Introduction :**

This tube preamp is an obscure circuit, produced in very small quantities during the 1980s and only in rack format. Sometimes, an original unit pops up online for sale at crazy prices and immediately disappears, swiftly bought by a collector or someone fortunate enough to afford it. Now it is time to make it smaller, cheaper and more reliable, while retaining its original sound !

Two channels with gain and volume, three boost options, a three-band EQ and a master volume will help you shape the tone of that beast of a preamp. Will you find a way to tame it and make it more docile ? The clean channel is surprisingly versatile, with a bright cap on the gain pot to preserve clarity and an efficient EQ. The lead channel is the exact opposite, mid-pushed and raw sounding, with plenty of gain on tap and a unique character. Keep the gain low for mild crunch and push it further to enter the heavy rock and glam metal sounds ! The boost switches will help you get the tone louder, tighter and creamier.

## Controls :

- › **Input and output connectors** : connect your instrument to the input jack at the top-right corner of the pedal, and connect your amplifier to the output jack at the top-left corner of the pedal using shielded instruments cables. Connect the power supply to the DC jack on top of the pedal.
- › **Footswitches** : footswitches can be pushed with your feet to change the tone of the pedal while playing. The bypass footswitch engages the pedal, the channel footswitch switches the channel between clean and lead, and the boost footswitch engages a volume boost on the lead channel for solos.
- › **Toggle switches** : each channel has its own toggle switch. The clean channel switch engages a slight gain boost for a bit more drive, while the lead channel switch make it tighter and more aggressive.
- › **EQ** : adjusts the overall EQ of the preamp using TREBLE, MID and BASS knobs. The EQ affects both channel and is placed **before** the lead channel.
- › **GAIN** : each channel has its own gain control to shape the distortion.
- › **VOLUME** : each channel has its own volume control to help match their relative level.
- › **MASTER** : general output volume control for the pedal, after both channels.

