

## TECHNICAL SPECIFICATIONS

Dimensions	127x95x52 mm
Weight	360gr. (senza batteria)
Chassis	Alluminio, die-cast
Input impedance	700 kOhm
Output impedance	470 Ohm
Max Gain "LO Gain" section	+46 dB
Max Gain "HI Gain" section	+65 dB
Signal switching	True-bypass
Power supply/ Power consumption	9Vdc/ca. 165mW (I-max consumption=18mA @9Vcc)
Power connection/ground	Negative tip/negative ground
Battery type	+9V (6LF22)



*Finest musical gear  
handmade in Italy*



[www.tefivintagelab.it](http://www.tefivintagelab.it)

**GainOver Operating Manual**

Tefi Vintage Lab is pleased to welcome you to our family. We hope you enjoy using our new GainOver dual preset overdrive. Feel free to get in touch for any suggestions or clarifications as to how you might best use the effect. Play music and enjoy using our products!

### **GainOver - Dual preset overdrive**

GainOver is a two-preset overdrive with switchable channels and independent Gain and Volume controls. The "Low Gain" section ranges from a quasi-clean boost to a creamy full dynamic crunch with clear attack, while the "High Gain" section maintains these properties while producing more drive saturation. The GainOver design is based on the PCN (Progressive Clipping Network) proprietary circuit, a complex analog net designed to obtain a dynamic and progressive approach to distortion, reproducing the incoming saturation of an EL84 Class-A final stage of a tube amplifier.

Thanks to the PCN circuit every note is well defined, whether you are playing a melodic phrasing, a rhythmic pattern or a sustained Solo. We have created GainOver to allow the musician to maintain the same sound during playing, from light crunch to hard overdrive Soloing in one pedal. Moreover, GainOver can be used in a single channel amplifier to obtain a typical three channel configuration (Clean, Crunch, Drive), thanks to two independent Gain-Volume settable presets that allow limitless versatility.

## CONNECTION AND USE

- **Connecting to instrument and amplifier/gear:** connect your instrument (or gear effects chain) to the Input jack on the pedal's right side with a 6.3mm Jack instrument cable. Connect the output jack on the pedal's left side to an amplifier (or to the next effects in your chain) with a 6.3mm Jack instrument cable.
- **Battery:** to access the battery compartment, remove the four screws on the bottom cover. Connect the 9V battery (6LF22 type) to the battery clip connector. Do not reverse the polarity! Insert the battery into the battery compartment located between the two footswitches. Be careful not to damage the wires and/or the battery clip. To preserve battery life disconnect the instrument cable from the pedal Input jack when the pedal is not in use.
- **Power supply:** connect a 9V stabilized external power supply adapter to the pedal's power connector located on the right side (5.5mm connector with 2.1mm pole type). Do not reverse polarity! (external positive, internal negative). In the presence of reversed polarity the pedal will not power up; no damage will be caused below 25V reversed polarity.

TEFI Vintage Lab invites you to activate the warranty within 10 days of the purchase of the product. It is necessary to connect to our website [www.tefivintage.com](http://www.tefivintage.com) and, on the page describing your product, fill in the required form in the "register product" section. TEFI Vintage Lab products are covered by a 5-year warranty. If the user finds an anomaly due to component defects and erroneous assembly, please contact us by sending an e-mail to [info@tefivintage.com](mailto:info@tefivintage.com), describing the problem encountered in detail and the circumstances in which it was verified.

In compliance with the regulations defined in the following clauses, TEFI Vintage Lab undertakes to repair the instrument with no additional costs.

1. Warranty is valid for 5 years. Does not include parts subject to wear such as jacks, switches, potentiometers, dip-switches, 9V battery clip or 9V battery holder, nor does it include aesthetic parts such as knobs.
2. Warranty does not extend to damage caused by inexperience or negligence in the use of the effects pedal, or bad/neglected maintenance.
3. TEFI Vintage Lab undertakes to replace at its own discretion the malfunctioning or incorrect manufacturing parts, only after a careful check and verification of bad construction.
4. In the presence of incorrect use of the warranty, shipping costs will be charged to the user.
5. During the warranty period, the replaced parts/products become the property of the manufacturer.
6. This warranty is only valid for the original purchaser who has followed the normal maintenance instructions described in this manual. Our warranty liability expires at the moment the original owner surrenders ownership of the product, or modifications are made to it.
7. Warranty does not include damage caused by excessive stress, such as the use of the product after the detection of an anomaly, the use of inappropriate methods of operation, as well as the failure to observe use and maintenance instructions.
8. The manufacturer assumes no responsibility for any difficulties that may arise in resale or use abroad due to the provisions in force in the country where the product was sold.
9. The product part of the defective unit must be delivered to TEFI Vintage Lab for replacement, otherwise the replaced part will be charged to the buyer.
10. Any product repair or modification by the user or by companies not authorized by TEFI Vintage Lab will invalidate the warranty.

## EU DIRECTIVE AND DISPOSAL

TEFI Vintage Lab products are designed to comply with the standards laid down by EU directives regarding safety and the environment. Pursuant to Legislative Decree No. 49 of March 14, 2004 "Implementation of Directive 2012/19/EU on waste electrical and electronic equipment (RAEE)".

The crossed-bin symbol indicates that the product, at the end of its useful life, must be separately collected from other waste.

The user must therefore confer the equipment with the essential components at the end of their life to the appropriate collection centers for electrical and electronic waste.

## CONTROLS AND FUNCTIONS

GainOver has two independent Gain-Volume presets, LO-Gain and HI-Gain, selectable by pressing the footswitch on the right side of the pedal faceplate.

**"LO Gain" PRESET:** the reduced max gain provides a quasi-clean boost through to a light overdrive crunch. Thanks to a wideband response, simply by turning down the guitar's volume it will return from crunch to its own clean response. You can control Gain and Volume by setting the knobs "LO Gain" and "LO Vol". Activation of this preset is indicated by the cyan LED.

**"HI Gain" PRESET:** this preset has a wide range gain setting (about 40dB range from minimum to maximum) and offers about 25dB more gain than the "LO Gain" preset, to the sustain needed during a Solo or for power chords. At high gain, midrange frequencies are emphasized to add more presence. You can control Gain and Volume by setting the knobs "HI Gain" and "HI Vol". Activation of this preset is indicated by the red LED.

**CONTOUR:** the Contour knob is common to both presets and regulates the general tonal balance in a wide frequency range. Turning fully CCW gives a warmer sound, to balance the response on bright sounding amplifiers. Rotating CW gives more presence and lows without affecting the bass response.

