

## TECHNICAL SPECIFICATIONS

Dimensions	127x95x52 mm
Weight	350gr (w/o battery)
Chassis	Die-cast aluminum
Input impedance	700 kOhm
Output impedance	470 Ohm
Max gain	+75dB
Signal switching	True bypass
Power supply/ Power consumption.	9Vdc/135mW (I-max: 15mA @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)

**THE LEADER** Operating Manual

Tefi Vintage Lab is pleased to welcome you to our family. We hope you enjoy using our new LeadEr lead distortion. 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!

### **The LeadEr - Lead distortion**

Sustain, a good pinch of musicality, and the right dose of nastiness are the best recipe for an incisive distortion. The leader of the vintage motorcycle club, Ignazio “The Leader”, has skillfully blended these ingredients to obtain a Lead Distortion able to deliver your musical message to your audience, highly defined without annoying grittiness. Designed specially to make an electric guitar scream, both with Single Coils or Humbucker pickups, when it arrives on the scene it becomes the star of the song. Based on original TEFI Vintage Lab circuit, The Leader focuses on medium range frequencies that can be tailored

according to your own personal taste using the “Body” and “Presence” controls. The “Sustain” control adjusts the length of the note depending on the requirements of the Solo or Rhythmic pattern. With its 75dB maximum gain, the Leader is designed to create electric guitar lead solos that will not be covered by the other instruments in the band. The ideal position in the effects chain is immediately after other overdrive pedals and before a delay, in order to have a complete distortion package at your feet.

## 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 holder. Do not reverse the polarity! Insert the battery into the battery holder located in the center of the enclosure. Be careful not to damage the wires and/or the battery clips. 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.

## CONTROLS AND FUNCTIONS

**VOLUME:** this knob sets the output level, that can considerably override the Bypass signal level to get an adequate Solo boost, regardless of the type of guitar being used.

**SUSTAIN:** the maximum gain available is about +75dB. Setting the knob at minimum provides a remarkable crunch for rhythmic parts, melodic phrases or light Solos. Turning CW increases gain and sustain without affecting the sound performance.

The following knobs are useful to set the LeadEr tonal balance in combination with your guitar amplifier to achieve your desired response. They are designed to obtain maximum versatility and musicality, whether using Single Coils or Humbuckers.

**PRESENCE:** enhances the mid-high portion of the frequency spectrum, adding presence by emphasizing the harmonic content of the instrument. This knob is not equivalent to a "treble" command; it emphasizes the high frequency band of your instrument without any cuts.

**BODY:** enhances a defined mid-low frequency, to get fatter sounds, full of bass and mid-bass tones.

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.tefivintagelab.it](http://www.tefivintagelab.it) 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@tefivintagelab.it](mailto:info@tefivintagelab.it), 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.

