

## TECHNICAL SPECIFICATIONS

Dimensions	110x55x48 mm
Weight	230gr. (without battery)
Chassis	Die-cast aluminum
Input impedance	Average 10 kOhm (depends on guitar pickup type and frequency)
Output impedance	Average 1 kOhm (depends on Volume and Tone knob positions)
Max Gain	+58dB
Signal switching	True bypass
Power supply/ Power consumption	9Vdc/approx. 35mW (I-max: 4mA @ 9Vcc )
Power connection/ground	Negative tip/positive ground (use separate supply only, do not connect in a daisy chain!)
Battery type	+9V (6LF22)

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



*Finest musical gear  
handmade in Italy*



## GEGÈ Operating Manual

Tefi Vintage Lab is pleased to welcome you to our family. We hope you enjoy using our new Gegè germanium fuzz. 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!

### Gegè - Germanium fuzz

The oldest distortion effect of them all is revisited by TEFI Vintage Lab in an original concept that merges NOS germanium transistors, essential for their sonic characteristics, in a new design to get a wide variety of modern and dynamic fuzzy sounds. From light dynamic growl to angry uncontrollable distortion.

Despite being one of the simplest TEFI designs, a year and half was spent in research and development to get original sonic results, whether using Single Coil or Humbucker fitted guitars.

We suggest placing Gegè as a first pedal in an effects chain, or after

other True-Bypass equipped pedals only, because its typical sonic characteristic is linked to direct interaction between the guitar's pickup and Gegè's non-linear amplitude variable low input impedance. Interposing buffered pedals between a guitar and the Gegè Fuzz will not damage it in any way, but its original sound will be considerably altered.

### **Caution! Do not connect Gegè Fuzz in a common ground multiple output power supply (daisy chain)!**

The Gegè's internal circuit uses PNP germanium transistors and, unlike to the more commonly used negative ground pedals, the circuit's ground is connected to the positive terminal ("positive ground"). If you connect Gegè to a common negative pole ground multiple output power supply (daisy chain), the positive ground of Gegè shorts to the negative ground of the power supply, causing malfunction and possible damage.

You must use a 9V stabilized battery, a stand-alone or a galvanic insulated ground multiple output stabilized power supply only.

TEFI Vintage Lab is not responsible for damage or malfunction due to power connection mistakes, or by using inappropriate power supply sources that do not respect the specifications and warning stated above.

## 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 enclosure compartment located under the footswitch. 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 operating:** 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.



**CAUTION! Do not connect Gegè Fuzz in a common ground multi-power output supply!**

## CONTROLS AND FUNCTIONS

**GAIN:** controls the amount of gain and fuzz distortion. It is a wide range control that allows fine calibration of overall distortion, whether using Single Coil or Humbucker pickups.

**VOLUME:** controls the post-distortion output level and can considerably exceed the signal bypass level to achieve Solo boost.

**tone:** controls highs to get either a warmer or brighter sounds.

- **Toggle switch Natural/Broken Speaker:** In "Natural" position Gegè delivers a "Classic" easy-to-use Fuzz effect. In "Broken Speaker" position it gives a very dirty and "grating" sound that resembles a damaged speaker cone or a Bass/Baritone Sax-like tone, useful also for Garage/Beat style.
- **Toggle switch Fuzzy/Fatty:** controls the amount of the bass tones. In "Fuzzy" mode it gives a bright sound, while in "Fatty" mode it provides more mid-bass amount giving a very fat sound.
- **Dynamic killer:** Gegè has an internal dip-switch command, located between the two germanium transistors. With Dynamic Killer function you can choose the amount of distortion compression in the presence of a very strong input signal. In the "Off" position it provides heavy compression, with large attack signals; set to "On" to get more dynamics. The Dynamic Killer has more effect on guitars equipped with high-output Humbucker pickups and it has low/no influence on Single Coil pickups. We recommend careful adjustment of the dip-switch, with a small screwdriver. Disconnect the power supply and the Input jack before carrying out any modifications.

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.

