



Guitar Analog Effects

Linear Booster User's manual

DESCRIPTION.

High-gain linear booster.

USE.

A linear booster is a kind of effect designed to increase the gain of the guitar signal without modifying its tonal response. Unlike other kind of boosters (as our V3 Treble Booster), a good linear booster doesn't produce any particular sound by itself. A good of bad sound will be the result of the interaction between the booster and the amplifier. Logically, this interaction depends on which particular amplifier we're using and its level of saturation/distortion when we add the booster. We can use our booster playing an acoustic guitar on a clean solid-state amplifier just to get more volume for soloing but we also can use it to obtain high levels of sustain and compression on a big and powerfull tube amplifier.

It's important to know how to use a booster of this kind, depending on the result we want to achieve. If we are using a clean, non-saturated amp, connecting the booster will only give us a rise in volume. If the amp is already saturated, then rather than a rise in volume, there will be a rise in the level of saturation. Finally, if we add the linear booster to the effects loop of an amp wich is already saturated we can raise the volume of the saturated signal without increasing the level of saturation.

SPECIFICATIONS.

Output impedance: < 500 Ohm.

Input impedance: 500 KOhm.

Gain: 27db.

Current consumption: 4 mA.

External dimensions (mm): 117 x 73 x 47.

Net weight (without battery): 185 gr.

WARRANTY.

All ThunderTomate products are covered by a warranty period of two years including parts and labour.

USING EXTERNAL POWER SUPPLIES.

Please, check in advance the compatibility between your pedal's input polarity and the polarity of whatever external power supply that you are going to use. Using the wrong polarity is the cause of innumerable breakdowns.

All ThunderTomate pedals use the BOSS PSA style polarity: central pin NEGATIVE (-). Central pin is 2.1 mm.

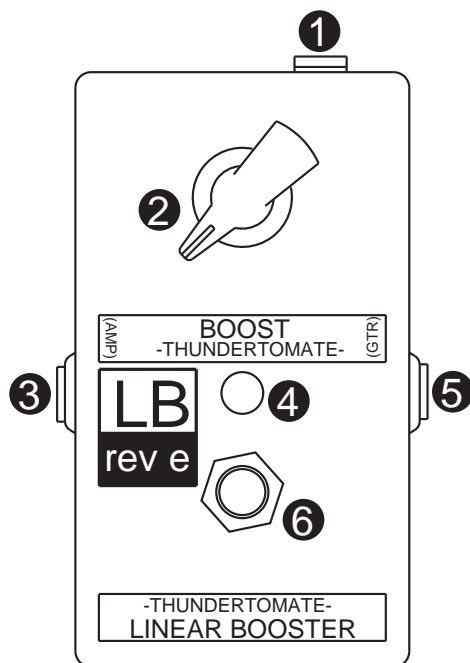
We recommend the use of good-quality regulated power supplies with isolated outputs.

Your pedal's warranty does not cover any damage derived from using unappropriate external power supplies.

CLEANING.

Use a soft, dry cloth or one that has been slightly dampened with water.

Never use benzene, thinners, alcohol or solvents of any kind to avoid the possibility of discoloration.



1 DC POWER SUPPLY INPUT

9 volts DC
BOSS PSA style
Central pin NEGATIVE.

2 'BOOST' KNOB

Controls how much gain we use from the pedal.

3 OUTPUT JACK

4 LED INDICATOR

Lights when the effect is ON. If it goes dim, or no longer lights while the effect is ON, the battery should be replaced as soon as possible.

5 INPUT JACK

Don't forget to remove the input's jack when the pedal is not in use to avoid premature battery discharging.

6 TRUE BY PASS SWITCH

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