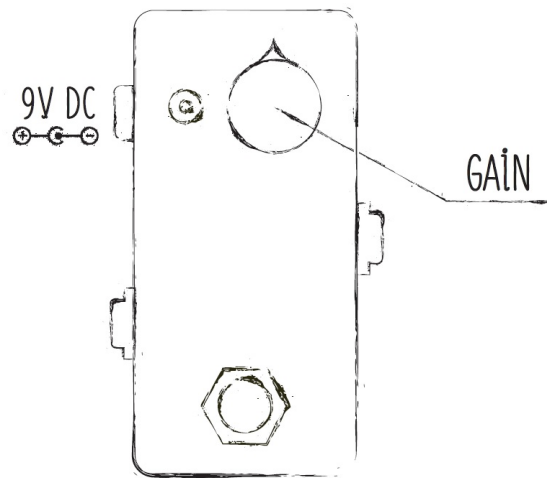


LATERAL PHONICS

LAVA BOOSTER MK2

The Lava Booster MK2 – fully analog discrete gain amplification pedal based on MOSFETs transistors. It is a clean and transparent booster that can upper your signal from a unity gain to a very loud sound. The Lava Booster can easily drive your tube amp to overdrive and even fuzz and can avoids loss of part of the signal or drop-off problem due to long wires or a large number of pedals. All of this adds up to make the Lava great for a variety of tasks, from buffering and boosting the volume to overdrive another pedal or tube amp.



Lava Booster has only one main control called Gain.

At the minimum value of the Gain control, the volume and gain will be approximately the same when the pedal is on and off. In this case, the pedal will work in buffer mode converting your high-impedance guitar signal to low-impedance and avoiding signal loss or drop-off problems due to long wires or multiple pedals.

When Gain control set around 20-50%, Lava gives you the ability to upper your volume or push a little bit your amp. In this case, the pedal will work in a clean and transparent booster mode with good sound density and low compression.

With Gain control around 50-80%, Lava can easily overdrive your tube amp due to pretty large gain. In this case, Lava plays the role of natural overdrive. At the same time, the pedal itself does not enter saturation or overdrive. It will be true and natural overdrive from your preamp section, which is unique to each individual amp.

The last 20% of the Gain control can produce a heavy fuzzy tone with good compression. In this case, the pedal may go into saturation and overdrive mode.

BUFFER POSITION

In this case, you need to place pedal first in your chain. This is necessary so that the signal coming from your pickups goes directly to Lava Booster. This connection allows you to instantly convert a high-impedance guitar signal to a low-impedance signal, thereby preventing high-frequency loss and signal sag in further processing in your circuit. Gain control should be set between 0-10%.

BASIC VOLUME POSITION

As you read before, Lava can turn up your volume without going into saturation and overdrive. So, to increase the overall volume during a solo or during any part of a song without introducing significant distortion to other parts of the chain, place the pedal at the end of the chain and adjust the Gain control between 10% and 70%.

GAIN AMPLIFICATION POSITION

One of the most interesting connections of the Lava Booster is to make the Lava work as a preamp for the gain of another your pedal or amp. To do this, you need to place the Lava Booster before pedal that you are going to additionally overdrive (for example Deadman Fuzz). In this case, the Gain control will act as an additional control for the overdrive (fuzz) knob, and the pedal itself will act as an additional distortion activator. Depending on the position of the Gain knob on the Lava Booster (from 15% to 100%), you can get the minimum and maximum additional distortion from your overdrive/distortion/fuzz/preamp pedals in your chain. The same works for a tube amp, you just need to place pedal straitly before your tube amp.

In practice, you can place the pedal however you like, but we would like to highlight a few basic cases of Lava Booster placement in your chain. In all these positions, the pedal will seem to be at its best and will reveal itself to the maximum.

UPDATES IN MK2 VERSION

In the updated version of Lava Booster, we tried to improve some functions and also add new ones. In this version we have improved power filtering, slightly reduced saturation of the signal at low and medium values of the Gain knob, and also added a momentary soft-touch Bypass button with 2 operating modes (Classic and Hold). In Classic Bypass mode, the button acts as a normal pedal switch. In Hold Bypass mode, the pedal is turned on only when the bypass button is pressed (when the button is released, the pedal turns off).

To enable Hold Bypass mode, hold the button for about 10 seconds. To exit Hold Bypass mode, press 2 short presses and one long press (the pressing speed should be around 120-150 BPM), see the LED begin to blink and at this moment release the button. You can also exit Hold Bypass mode by resetting the pedal power.