



# Overload Custom Guitars GuitarToneShaper



Featuring a compact and small layout, which makes it easy to set and wire, the Overload GTS is an active onboard tone shaper designed to boost the frequencies you need and color the sound of your instrument. It provides 3 different boost curves, each one centered on a different frequency band (Low-Mids / Mids / High-Mids) and a FullBoost mode as

well. You can use them to make your guitar clearer and/or louder during a solo, give more punch to the bass lines and presence to the chords.

## Controls

The preamp feature a four switches plate for the frequency band selection and a volume trim who works in boost-only mode from 0db to the maximum (turning clockwise).

## Tecnical Specs

Input Impedance: 1M $\Omega$

Output Impedance: 1K $\Omega$

Power Supply: 9V

Battery Life: 500 hours

Dimensions: W x L x D

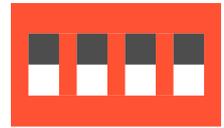
Maximum Boost: 15db (FullBoost Mode)

12db (Low-Mids Curve)

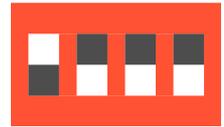
8db (Mids Curve)

5db (High-Mids Curve)

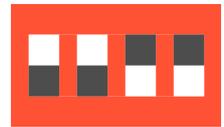
Preamp OFF



High-Mids Curve



Mids Curve



Low-Mids Curve

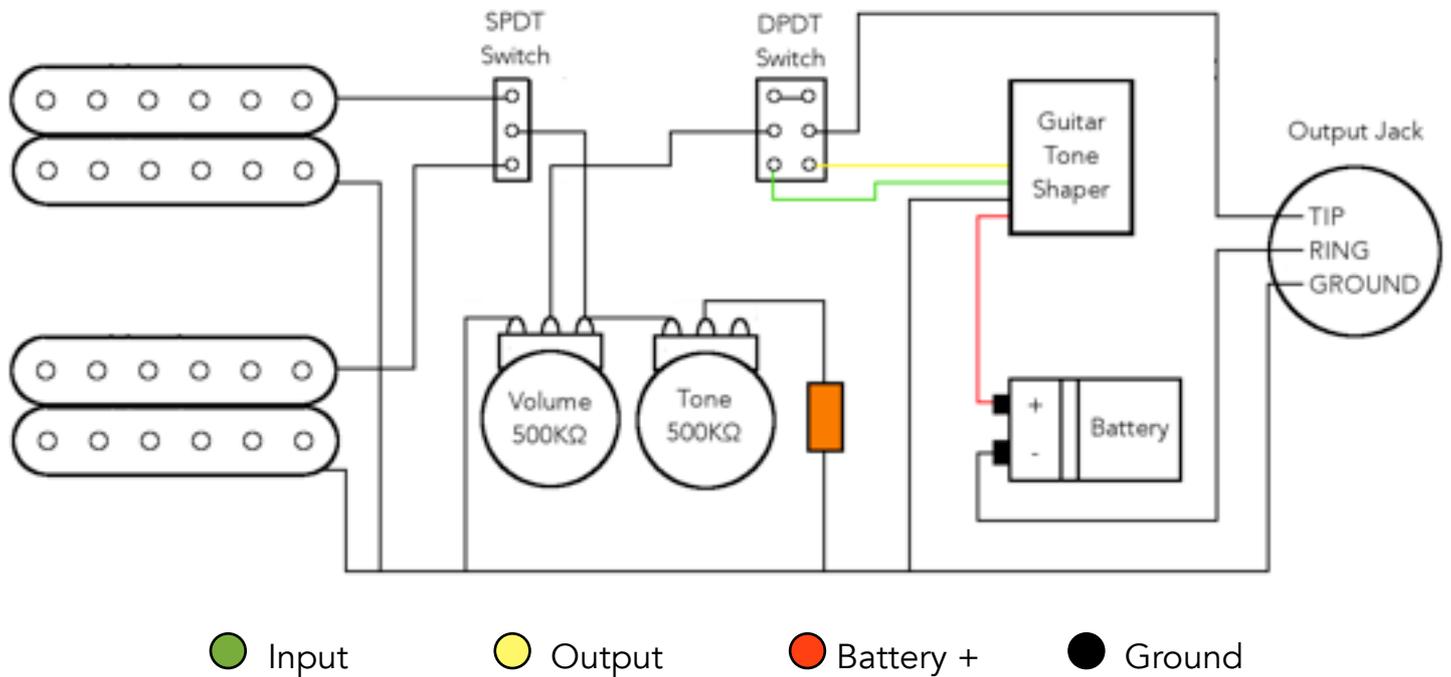


FullBoost Mode



# Wiring

Standard wiring with volume, tone and on/off switch (up on / down off)



## FAQs

### Can it work at 18V?

Yes and it doesn't affect the preamp performances.

### What potentiometer do I need for a post preamp volume control?

20-25KOhm Linear works just fine.

### Do I need to put the preamp in a precise spot of the signal chain?

It depends of your needs. You can wire the preamp right after the pickups signal with a 25K linear pot or without any volume control and go directly to the output jack or put a DPDT switch (or pushpull pot) between the pickups volume control and the preamp. DO NOT wire the preamp between the pickups signal and the pickups volume control pot.

### How does the preamp respond if I don't follow the suggested up/down combination of the frequency switches?

You get a different curve, with wrong parameters.