



# **TOUR DE FET**

## **USER'S MANUAL**

Please read carefully this manual, there's some hidden features you must know as well as important information to help you protect your ears.

Please feed the pedal with a 9v or 12V supply. (Note that it's actually adjusted for 9V)

The pedal needs 15mA maximum.

### **ABOUT THE TOUR DE FET SOUND:**

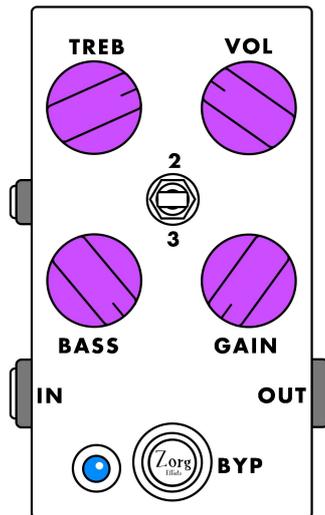
Turn on the Jour de FET and you'll get a distortion feast! From clean sound to way too much saturation, from British to US voicing, a large choice of saturations is available with this pedal.

First, the Jour de FET uses FET transistors to produce the distortion. FET transistors are known to mimic pretty well the response of a tube, producing distortion more pleasing to the ear with cool response to attacks and good dynamics.

Then, a switch allows to choose the number of stages of distortion. With two stages the pedal produces warm clean tones up to very dynamic crunches. With three stages the sound becomes a bit more compressed and a very very very high level of saturation can be obtained.

Last but not least, two internal controls allows to radically change the voicing of the pedal: A dip switch allows to switch between 4 different voicing: the first is bright and "British", the second cut some high mid and is a bit dark for a more "US" tone, the third cuts even more the high mids, and the fourth boosts the mids for a more 70's like sound. Then the balance between bass and trebles can be set with a trim pot.

### **WHAT ARE THESE BUTTONS FOR?**



I've designed the overdrive for tweakers who like to have tons of controls and features, thus providing lots of different sounds.

The following features are available:

- Gain, volume, bass and treble controls.
- Choice between 2 overdriving stages or 3 overdriving stages
- Choice between 4 voicings (under the pedal).
- Trim pot to set balance between treble/bass.

I also set the controls to cover a wide range of values:

- There's plenty of gain. And it can go from pristine clean to terribly distorted.
- The treble pot remove a lot of treble until you're just left with a boomy sound. Or can just let all the treble pass to have a very harsh and aggressive sound.
- The bass pot removes all the bass until you get an old radio sound.
- I used a voltage doubler to get 100% more dynamics. So you wanna be cautious with the volume control. Whatever your settings are always start with the volume at 0 and push it up slowly, this pedal can be very loud even a low gain settings.

## ABOUT THE STAGES SWITCH:

You may think of this switch as a gain range switch, But not only it changes the gain range, but it also change the dynamics and the grain of the distortion. For those of you who wish to use the distortion for crunch sounds, try to setup by ears the same gain with or without the stage switch engaged, as both sounds can be interesting and totally different.

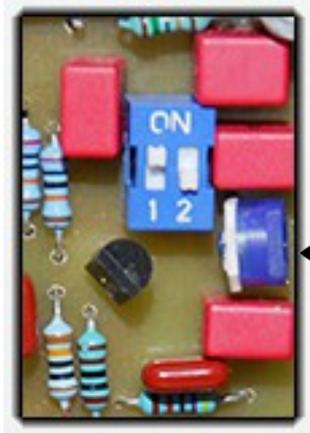
With FET transistors, the distortion is cooked by using multiple gain stages, one going into the next. Each stage adds a little distortion. The stages switch allows you to add or remove the last gain stage.

When the last gain stage is removed, the sound is a little more vintage, and have extra dynamics. It can go from clean to a big crunchy sound.

When the last gain stage is engaged, the sound is more modern and a little less dynamic. It can go from clean to a huge saturation, specially if you have high output humbuckers.

# ABOUT THE CONTROLS INSIDE THE BOX:

If you turn the pedal, on the back you'll find two small switches in a hole. If you unscrew the back plate you'll find a trimpot right of these two switches:



The mini switches allow to change radically the voicing of the pedal with the following settings:

Off-off : « US » voicing, mediums are lowered a bit around 2kHz.

On-on : «British» voicing, mediums are lowered a bit around 1kHz.

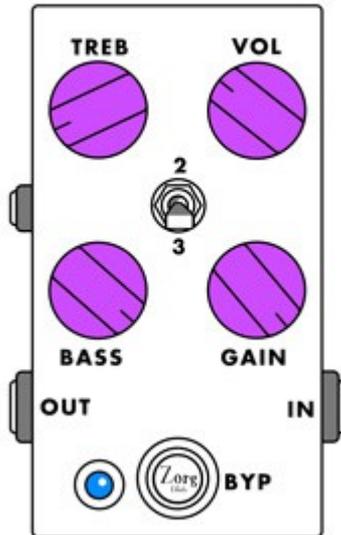
On-off : «Doom metal warrior of the dead» voicing, mediums are lowered a lot around 2kHz.

Off-on : «Vintage» voicing, mediums are boosted a bit around 1kHz.

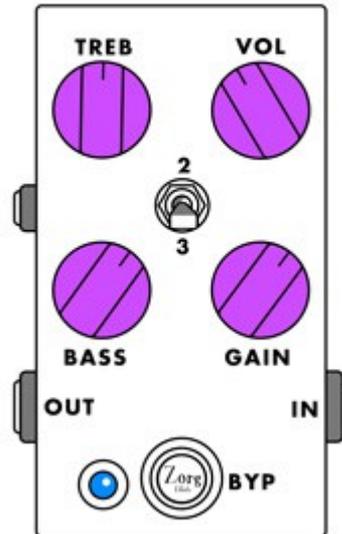
The little trim pot help to balance the bass/treble response which can change from one amp/cab to another. A slight rotation (1/8) with the finger tip could suffice to change everything.

# PRESETS:

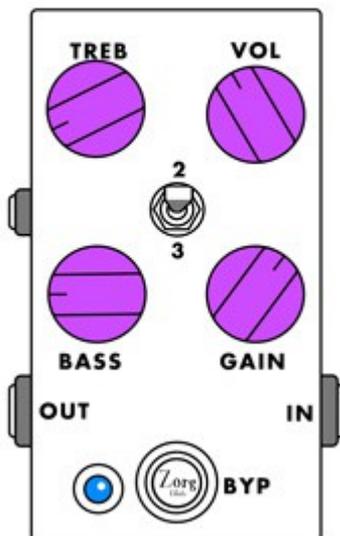
## HEAVY



## SMOOTH



## CRUNCH



## VELVET

