

HIMMELSTRUTZ ELEKTRO ART



**Fetto 9.0
Owner's Manual (1.4)**

Prefatory note

Read this manual—or print it—before you begin to play with Fetto. If you don't, you may miss many of the possibilities to get the sounds you want from it.

External controls & connectors



** Fetto could be run with any 5-24 volt DC adapter with a negative centre pin.

Fetto sounds different @ different voltages. At 5 volts it distorts very easy and the tone is more mellow. At 24 volts you'll get a cleaner tone with more body, so to speak. Fetto was developed for 9 volts so we recommend you to use it. We just *had* to include the possibility if any Einstein would like to mess with the voltages.

WARNING: Never run Fetto at higher voltage than 24 volts. If you do, it will burn.

How to:

No recommendations about *Metal, Tweed, Brown, American* or *British* sounds will be available here. That's because too much depends on what other equipment you use.

Just plug the stuff in and start to play with it and if you don't like what you hear, adjust some knobs and listen again and if you don't like it now, try it all again—trial and error is often a good way to learn.

If you don't get a good tone now, you're in serious trouble. It could be:

- Your amplifier is not what it could be (does it sound OK without Fetto?)
- Your guitar need new strings etc.
- Impatience or a bad day. Try again tomorrow, cause audio is a mysterious thing. The same tone could sound completely different at different times. Probably a authorized psychologist could explain this better than me...

If it doesn't sound good whatever you do, we have to jump to the next chapter—for nerds.

Internal adjustments

The intention with Fetto is to get a good distorted guitar tone. To make that possible, it's equipped with 10 adjustments inside the box. These adjustments are placed inside the box because they're not meant to be used regularly. All these *possibilities* is one of the reasons for the *Stout Of The Art* naming.



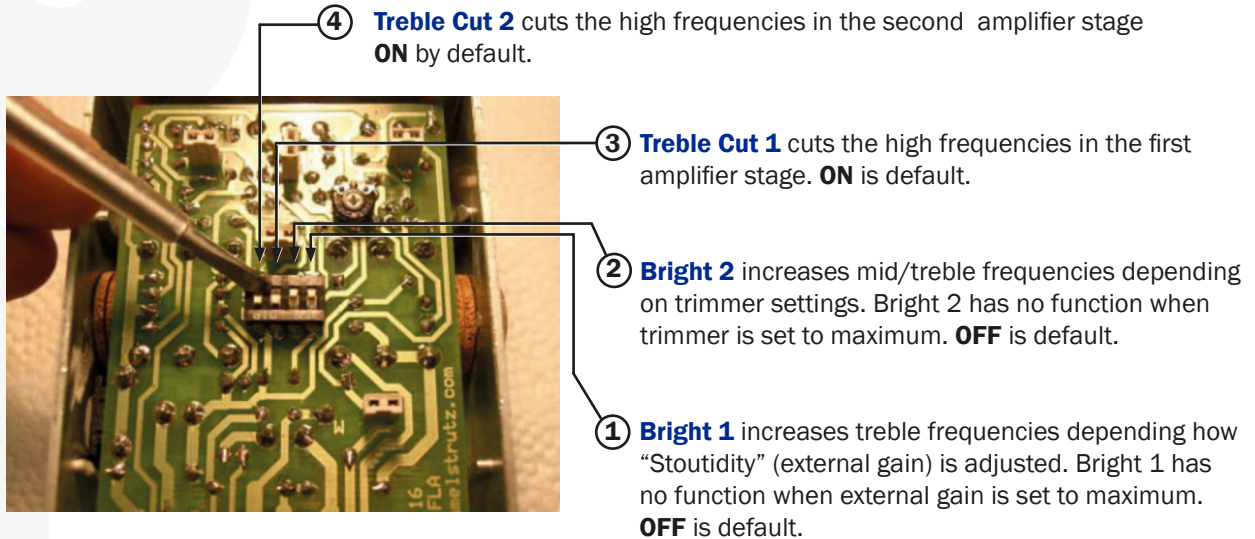
Unchain it

Use a fitting screw driver to unscrew the 4 rugged screws (picture below).

Unchained

When opened, 4 DIP switches, 5 jumpers and 1 trimmer is available on the bottom side of the printed circuit board (PCB). See pictures below.

DIP switch settings



If you think the tone is muddy or lifeless with the DIP switches in default mode, try to enable at least one of the Bright switches (1-2), and/or disable JP1 (below).

Jumper settings

Low End 1

If enabled (ON), Low frequencies is increased in the first amplifier stage. **ON** by default.

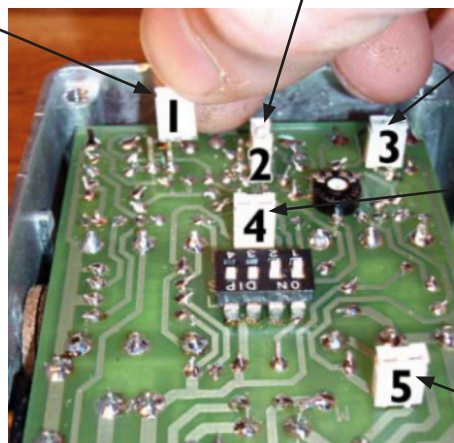
Low End 2

If enabled (ON), Low frequencies is increased in the second amplifier stage (could give an overdose of bass). **OFF** by default.

Gain Boost 1

If enabled (ON), gain is increased in the second amplifier stage. **ON** by default.

Be careful with the jumper settings to avoid to break the pins on the PCB



Gain Boost 2

If enabled (ON), gain is increased in the third amplifier stage. **ON** by default.

NOTE: In this picture, JP5 is “ON”.

If you disable a jumper, don't bring it out of the box. Connect it as one-pin-only instead, in case you regret your mistake later.

Output Level

If enabled (ON), maximum output level can be reached, with minimum output impedance. This switch also affects the treble frequencies; when disabled (OFF) treble gets a little damped. **OFF** by default.

Trimmer settings

If you really need less or more overall gain—why should you?—be sure to use a small plastic screw driver to adjust the trimmer. If it doesn't fit for the trimmer, you will probably hurt your dear Fetto (discontinued warranty).



Please note that increased gain leads to more noise and a risk of unwanted feedback. So we recommend you to **never touch this thing**.

Battery replacement

Another sweet thing about Fetto is the low power consumption. It only takes about 1,5 milliamperes. So your battery—if it's high quality—should last approx 500 hours! Imagine your distorted solo keep on screaming for 21 days without a break. Lovely. Even when the voltage drops, the screams will not stop. Fetto works like a President down to 5 volts!

But time flies when you play a distorted guitar that you love, so sooner or later you'll have to replace the battery no matter what. To do that, open the box, unplug the old battery and replace it with a new 6LR61 / 9V.

Always disconnect the Input jack when (if) you're away from Fetto. Cause it takes some power even when the LED is off if you keep the input cord connected.

Good luck!

C. J. Himmelstrutz, 2005

FAQ

Q—I think the tone in my Fetto is way too muddy. I want more crispness, more brilliance. Is that possible? I hope so, cause Fetto was very expensive.

A—Yes it's possible and it's easy. First try to adjust the tone control clockwise. If that's not enough, open the box and try to play with DIP switches 1-4 (page 4). If you disable DIP 3-4 and enable DIP 1-2, the brilliance for Fetto is set to maximum It will upset any dog!

Q—I don't think Fetto has enough amount of distortion. How can that be fixed? Do I need another stomp in serial?

A—First of all, try to adjust Stoutidity (gain) clockwise. If the distortion still isn't enough, you have a few choices: **1**—Use an external adjustable DC adapter set to lower power than 9 Volts. Fetto works fine down to 5 Volts DC! **2**—Open the box and adjust the trimmer (page 5) clockwise. Not recommended! But if you adjust it and still think the amount of distortion is too low, you better check your guitar and cables etc.

Q—The tone in my Fetto has suddenly become weak and lifeless. The award winning blue light is also weak and very depressing. I want my good old Fetto back!

A—Open the box and replace the battery immediately!

Q—The tone is too bassy. I play guitar, and I want a tone suited just for guitars!

A—Check the tone control on your guitar. Then check the tone control on Fetto. If you still get a over-bassy tone, follow the steps on page 4 about jumpers. It's possible you'll need to disable both JP 1-2. Another possibility is that you may need to enable one or two "Bright" switches. With Fetto the possibilities are almost endless.

Q—I don't have a guitar amplifier because I think they're ugly, so I want to use Fetto for recordings on my Macintosh computer. How should I do?

A—First of all plug your equipment (this time Fetto) into a preamp* (in case you bypass FETTO) for beter impedance matching. Setup the proper input/output levels and try some rock n' roll. **NB.** To get a good DI recording tone for Fetto, at least some treble cut may be needed. For Fetto, IK Multimedias *Amplitube* or something similar is recommended to be used as a *speaker simulator*.

Q—The controls (gain & tone especially) are very sensitive and I thinks it distorts too much too fast. I'm an experienced country guy with a grey beard, and I think too much distortion stinks. I want a real American Standard southern country sound.

A—Yes, the controls on Fetto ARE sensitive, in distinction to many other pedals. So if you want less distortion and treble, carefully adjust gain and tone control counter clockwise. If that's not enough, you may need to decrease the overall gain inside the box. Try this by following the steps on page 4. To disable jumper 3-4 may be a good start for you. And one thing to remember: Fetto *is* an overdrive/distortion stomp box!

*Fetto/a guitar *could* be plugged straight into a sound card, but it's not recommended by the above mentioned impedance matching comment.

Warranty:

This pedal carries a 1 year warranty that covers all repairs due to manufacturer error only. It does NOT cover any damage from user/owner mishandling, shipping and abuse in any form.

Owner is to contact Himmelstrutz Elektro Art directly for all repairs. Any work done by anyone other than Himmelstrutz E. A. voids the warranty.

All shipping costs are the responsibility of the owner, and are to be paid in advance of any work performed on Fetto. Please email to Himmelstrutz E. A. for detailed delivery instructions.

Disclaimer:

The owner or user assumes all responsibility for injury, and/or damages relating to the operation of this device (blown speakers, hearing-impair etc.). **Always think and be careful; if you hurt your ears, they will not heal.** AND ALWAYS REMEMBER: It's easy to hurt your ears with distorted guitars!



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