

# Mög D1

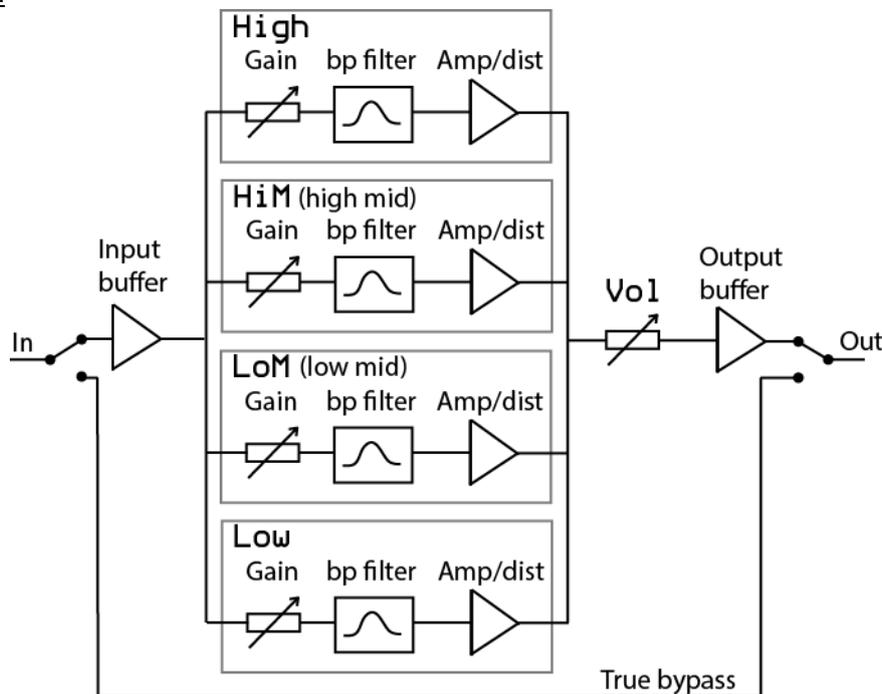
## 4 Band Distortion

The Mög D1 is not just a distortion. You should see it as a four band preamp that can be set to be as clean or overdriven/distorted as you like.

Each frequency band has its own gain so it can be set to work as everything from a fairly clean boost, equalizer, overdrive or distortion.

It is a pure analog pedal built on JFET technology to get a sound similar to a tube amp design. Only transistors, capacitors and resistors. No OP-Amps or clipping diodes. Old school design.

### Block diagram



### **Low**

This band is made to be able to let the really low frequencies through without too much distortion if you like to keep the bottom end.

### **LoM (low mid)**

This band has the most gain. This is where the growl is. Turn it up till you have right amount of low mid dirt.

### **HiM (high mid)**

This band is there for coloration of the higher mid band if you like.

### **High**

The center frequency of this band has been selected to specifically let through the metallic string sound of a bass and the high frequency content of transient attack. It is designed to be high enough to give your sound some vivid life but also cuts the really high frequencies a bit so it doesn't sound harsh.

If your bass doesn't cut through the mix turning this up could do the trick.

## Vol (volume)

There is a lot of gain to be found in this box. Up to 55dB.

Unity gain when a distorted sound is dialed in is with Vol at about 9 o'clock.

For clean sounds turn all the four bands to zero and the Vol to 12 o'clock, then just open up all or a few of the four bands a little to get the clean sound you like.

Because of the possible available output level you can use the Mög D1 to drive what comes after it really hard.

Input impedance: 3 Mohm

Output impedance: 3 kohm

Max gain: 55dB

The Mög D1 has true bypass.

Power requirements: 9V battery or 9V DC, regulated power

Max power consumption 15 mA

The power in the Mög D1 is switched on by connecting the instrument to the input jack.

A normal mono cable should be used with a normal 1/4" TS connector. If a stereo cable is used with a TRS connector the sensing circuits that turns on the power will not work properly.