BugBrand MicroCrusher

The *BugBrand µCrusher* is a compact Analogue Sample Rate Reduction audio processing device and achieves this effect by use of a Sample & Hold circuit clocked at audio rates.

Operation should prove intuitive, but in overview:
Rate – This sets the Rate Reduction from hyper-crushed-lows upwards to so-fast-you-don't-hear-it-highs.
Blend – A balance control between the Dry and Processed signals.
Bypass/Active – The effect is Active when the LED indicator is glowing. Pressing the button or an attached Footswitch will toggle to Bypass mode giving 100% dry signal.
Note that the *µCrusher* has a unity gain structure and does not apply any amplification to signals. There is an internal buffer amplifier which is always in-circuit even in Bypass mode (ie. It is not 'true-bypass')
Footswitch – The *µCrusher* enclosure is not designed as 'stompable' but allows connection of an external footswitch. This should be a momentary switch with mono jack plug – for example a keyboard sustain pedal.
[Tip = switch, Ring = Ground]
Input / Output – Use only 1/4" Mono jacks. The Input socket also acts as the power switch in typical pedal manner.
Power – This takes a standard 'Boss type' 2.1mm Negative Centre Regulated 9V DC Supply or a PP3 9V battery can be connected using the enclosed adaptor cable. Note that the input is polarity and over-current protected.
Max. Power Consumption c.10mA

Questions and comments to tom@bugbrand.co.uk
Enjoy!