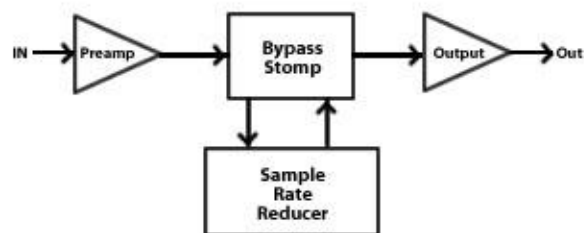


BugBrand BabyBugCrusher



The BabyBugCrusher is a compact sample-rate reducer pedal offering a range of sounds from fizzly high-end distortion down into murky sonic depths akin to ring-modulation. Bit-crushing and sample-rate-reduction effects have become popular through computer based audio software for their lofi sound mangling possibilities but few hardware models exist. The BugCrusher uses the analogue process of audio-rate sample & hold (not to be confused with sampling!) for quality rate-reduction sounds. The design is not capable of bit-crushing (which requires digitization of the audio).

The BugCrush is based on synthesizer designs and audio signals run at much higher levels than in standard guitar pedals. Input and output are both on standard ¼" mono unbalanced jack sockets.

The input preamp is used to bring the input signal up to a suitable level – a high setting (set to around 3 o'clock) is required for low-level signals such as guitar or microphone, while a lower setting (around 10 o'clock) is suitable for line-level signals such as from a mixing desk. Setting the input level too high can result in distortion (though this can be a good effect..) – to avoid distortion, turn the input level up until distortion is heard and then turn the control back down a notch.

The output buffer allows control of the output signal level so that the pedal can be used in a variety of situations. When feeding a guitar amp (or further guitar pedals), keep the output level quite low to avoid overloading the amp input. If feeding a mixing desk or other line-level device, the output level can be set higher.

The bypass switch allows silent switching between dry and effected signals. It is not wired as true-bypass due to the internal levels of the pedal – signals always run through the internal preamp and output buffer whether the effect is on or off. The BugCrusher output is in-phase with the input signal so that the device to be used as a mixing desk effect send.

Note that the BugCrusher runs off a 12v AC power adaptor (as supplied) – a DC adaptor will not work.

www.bugbrand.co.uk