

# GATE CRASHER OCTAVE FUZZ

## User Guide

The Gate Crasher octave fuzz is a gnarly octave-up fuzz that produces controllable gated fuzz tones with over-the-top octave harmonics. Under the hood, the Gate Crasher relies on CMOS logic integrated circuits to create the chaos. There are no finicky, temperamental vintage components inside, so you can be sure your tone is the same regardless of ambient temperature at the gig or in the studio. The circuit design is novel and not based on any pre-existing commercial products or DIY projects. In other words, this ain't your grandpa's octave fuzz, nor did we "borrow" the circuit from our peers.

The Gate Crasher octave fuzz features several controls to shape the insanity, including a Gate control, a two-band tone stack (Tone and Texture), an octave Blend, and Volume. This five-knob fuzz can create a wide range of sonic mayhem, from woolly low-end fuzz to angry "bees in a can + chainsaw", all with an octave up riding on top (which can be dialed down, if desired).

### CONTROLS DESCRIPTION:

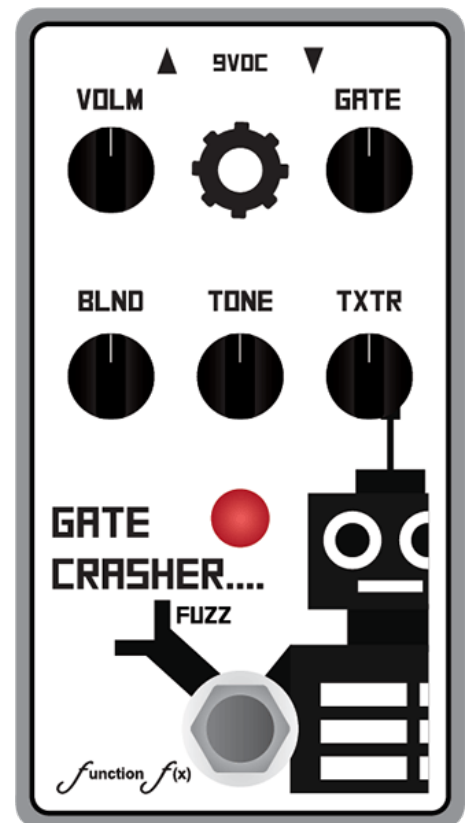
**VOLM** – (Volume) As one would expect, this adjusts the output level of the effect.

**GATE** – This controls the sensitivity of the gate envelope. Turn more clockwise for smoother attack and longer decay.

**BLND** – (Blend) This controls the blending of octave fuzz and non-octave fuzz. At 12 o'clock, there is a ~50/50 blend. Turn counterclockwise (left) for more octave. There is always some of each fuzz type present, regardless of the position of the BLND pot.

**TONE** – This is a fairly standard variable single-pole low-pass filter (LPF). It is positioned after the BLND pot and will affect octave and non-octave fuzz tones.

**TXTR** – (Texture) Another variable single-pole LPF, but this one mostly adjusts highs going into the octave generator portion of the circuit. TXTR is highly interactive with TONE, especially if BLND is set to 50% or more octave fuzz.



## POWER REQUIREMENTS AND GENERAL CARE

Make sure that you use a 9VDC center negative 2.1mm barrel power supply to power the Gate Crasher. This is the industry standard power supply that most pedals use. If you aren't sure that a given power supply will work, we recommend that you send us an email ([support@function-fx.com](mailto:support@function-fx.com)) or contact the dealer where you purchased your pedal.

Thank you for purchasing the Gate Crasher pedal. We hope that you enjoy it as much as we do.

## WARRANTY AND SUPPORT INFORMATION

At Function f(x), we stand behind our work. All of our pedals are warrantied against defective parts and workmanship for 1 year from the date of purchase. If the footswitch fails or a pot dies, we've got you totally covered (minus the cost of shipping to and from the repair location) during the warranty period. The warranty does not cover damages caused by user error (wrong power supply plugged in to the pedal or submersion in liquids, as examples). Function f(x) reserves sole right to determine what damages constitute "user error." But we're reasonable guys, so don't sweat it. Further, just because damages are deemed to be caused by "user error" doesn't mean we won't repair it; it just means that the repair may incur a fee to cover parts and/or labor.

After that initial 1-year period, we are still happy to resolve/repair any problems that should happen to arise in our products, but there may be a fee assessed to cover parts and/or labor. We will do our best to keep repair charges as low as possible. In the event that a full PCB replacement is called for, be advised that this may take as long as 4-6 weeks if critical parts are out of stock and need to be ordered. However, we will never ask you to pay any costs upfront, and we will communicate the status of the work regularly.

If you have questions about your Function f(x) pedal, or if you need to reach us to discuss repair service, please send us an email at [support@function-fx.com](mailto:support@function-fx.com). We will get back to you as fast as we can (usually within 24 hours).

