



F-OCTAVE

INSTRUCTION MANUAL

CLASSIC FUZZ WITH A SEARING UPPER OCTAVE

The F-Octave is back. Originally launched in 2017, this high-gain silicon fuzz pays homage to the iconic Foxx Tone Machine—a legendary '70s fuzz revered for its raw, biting tones and rich harmonic textures.

The F-Octave features a rich, discrete analog fuzz circuit with selectable octave-up capability, a simple and intuitive design, and versatile tone-shaping controls. It offers two distinct fuzz modes: a snarling, harmonically rich fuzz with bite when the octave is on, and a soulful, classic fuzz with a warm and fat response when the octave is off.

Equally at home in a bass rig, grab your favorite axe and turn on the octave-up for synth-like fuzz textures that will put a smile on your face every time you use it.

From classic rock to blues to doom metal, the F-Octave is sure to inspire some heavy-duty riffage. Use responsibly.



CONTROLS

OUTPUT JACK

Send audio to your amplifier or next pedal from here.

POWER INPUT

Connect your 2.1mm, negative tip, 9-18V, DC, power source here.
Current Draw: 10mA

INPUT JACK

Send audio from your instrument to here.

LEVEL KNOB

Sets the output level.
Note: Prior to using this knob, adjust the FUZZ and EQ knobs to dial in your sound and then adjust the overall output level.

FUZZ KNOB

Sets the amount of fuzz. Backing it off all the way gives a mild fuzz sound, while opening it up moves it quickly into a saturated fuzz.

LPF KNOB

Sets a soft roll-off to the high frequency content of your tone. Start fully CW for no effect and turn it CCW for a darker tone.

TONE KNOB

Boosts or cuts the mid to high frequency content of your tone. Turn CCW to cut treble (darker) and CW to boost treble (brighter).

OCT TOGGLE SWITCH

Selects the type of fuzz.
Click ∨ : Fuzz + Octave up
Click ∧ : Fuzz only

OCT

 **Diamond**
F-OCTAVE

EFFECT LED

A glowing red colour indicates the pedal is on.

BYPASS FOOTSWITCH

Sets the pedal into bypass or in-circuit operation using a silent, soft touch, relay based, true bypass switching system.

UNLOCKING THE FUZZ-OCTAVE MAGIC

The F-Octave's octave-up effect shines with single notes, delivering killer tones that cut through—especially above the 12th fret. Break new ground by using it for heavy chording, creating gnarly random overtones as the octave circuit searches for the root note. Double-stop bends produce a twisted multi-octave sound, with the high octave climbing while a subtle sub-octave slowly drops in pitch. Switch off the octave for a more straightforward fuzz.

FINE-TUNE YOUR FUZZ

Take charge of your fuzz with the LPF and TONE knobs, designed to shape your sound and highlight the upper octave. Start with the LPF fully clockwise and the TONE at noon for a balanced foundation. From there, tweak the TONE to emphasize your ideal frequency—counterclockwise for warmer or darker tones, clockwise for a brighter fuzz—and adjust the LPF to smooth out and refine your tone to perfection.

WARRANTY

All Diamond product(s) purchased through the diamondpedals.com website or an authorized Diamond retailer comes with a three (3) year warranty against failure resulting from defective parts, and/or faulty workmanship. Cosmetic flaws or issues related to wear and tear are not covered.

The warranty applies only to the original purchaser of the product and is not transferable. Warranty coverage terminates three years after the date of purchase. While a product is under warranty, the product will be repaired free of charge. The owner of the product will be responsible for both shipping to and from Diamond Pedals HQ located in Montreal, Quebec, Canada. Warranty coverage will be automatically canceled should the product be tampered with, modified, damaged through misuse and/or abuse, repaired by an unauthorized third-party, or damaged through failure to follow our operating instructions.

USE OF AN IMPROPER POWER SUPPLY AUTOMATICALLY VOIDS THE WARRANTY.

SPECIFICATIONS

<u>Input Impedance:</u>	> 1 MΩ
<u>Output Impedance:</u>	< 10 KΩ
<u>Switching:</u>	Relay True Bypass
<u>Power Requirement:</u>	9-18V _{DC} negative tip, 2.1mm Barrel Jack
<u>Current Draw @ 9V:</u>	10 mA
<u>Tone Frequency:</u>	750 Hz +/- 6 dB
<u>LPF Frequency:</u>	2 KHz -3 dB
<u>Dimensions:</u>	4.8 x 2.64 x 1.58"
<u>Weight:</u>	280 g



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