




### TWO YEAR WARRANTY

Your TWOSOME comes with a 2 YEAR WARRANTY covering failure resulting from 1. defective parts or 2. faulty workmanship. While under warranty, we will repair your TWOSOME free of charge. Optional modifications done at the request of the owner may incur separate fees.

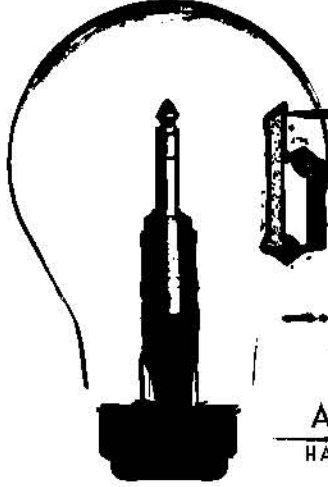
The owner of the unit is responsible for shipping to and from our facility. Please contact us before sending in your unit for repairs to receive further instructions.

— contact: [SALES@BLACKOUTEFFECTORS.COM](mailto:SALES@BLACKOUTEFFECTORS.COM)  
**BLACKOUTEFFECTORS.COM**



**Model TWO-1**

**Reference & Owner's Manual**



**Blackout  
effectors**

AUDIO EFFECT PEDALS  
HANDMADE WITH PRECISION & BALLS

### DELUXE FIX'D FUZZ

The left side of the Twosome is the Deluxe Fix'd Fuzz circuit. The Deluxe version differs from the stock Fix'd Fuzz by externalizing the controls for FUZ:1 and FUZ:2 instead of using internal trimpots. Each toggle activates a different stage of the circuit and their corresponding controls, allowing for a myriad of possible stacked combinations.

**BOOST \*** At minimum gain settings the BOOST can be used as a buffer to run before either fuzz stage to achieve different performance characteristics from both. At medium gain settings there is a large clean volume boost that is perfect for driving your tube amp into natural overdrive or driving the following fuzz stages even harder for extra fuzziness. At higher gain settings, the BOOST becomes a full-bodied low-gain overdrive.

**FUZ:1** ranges from medium-gain fuzzy overdrive at it's lowest setting to ballsy high-gain fuzz at higher settings. Adding the BLOOM circuit before FUZ:1 adds heaps of additional gain and compression. Adding the TONE circuit after it opens up new sonic realms and options for FUZ:1.

**FUZ:2** is the polar opposite of FUZ:1. It's solo range goes from vintage-sounding respiness at minimum settings to severely gated sputter at higher gain settings. Adding the BLOOM and/or FUZ:1 circuit acts to stabilize FUZ:2 and achieve heavy synth-like velcro fuzz tones with longer sustain. Octave fuzz effects can be found at certain settings. All 4 stages together bring on apocalyptic fuzz doom.

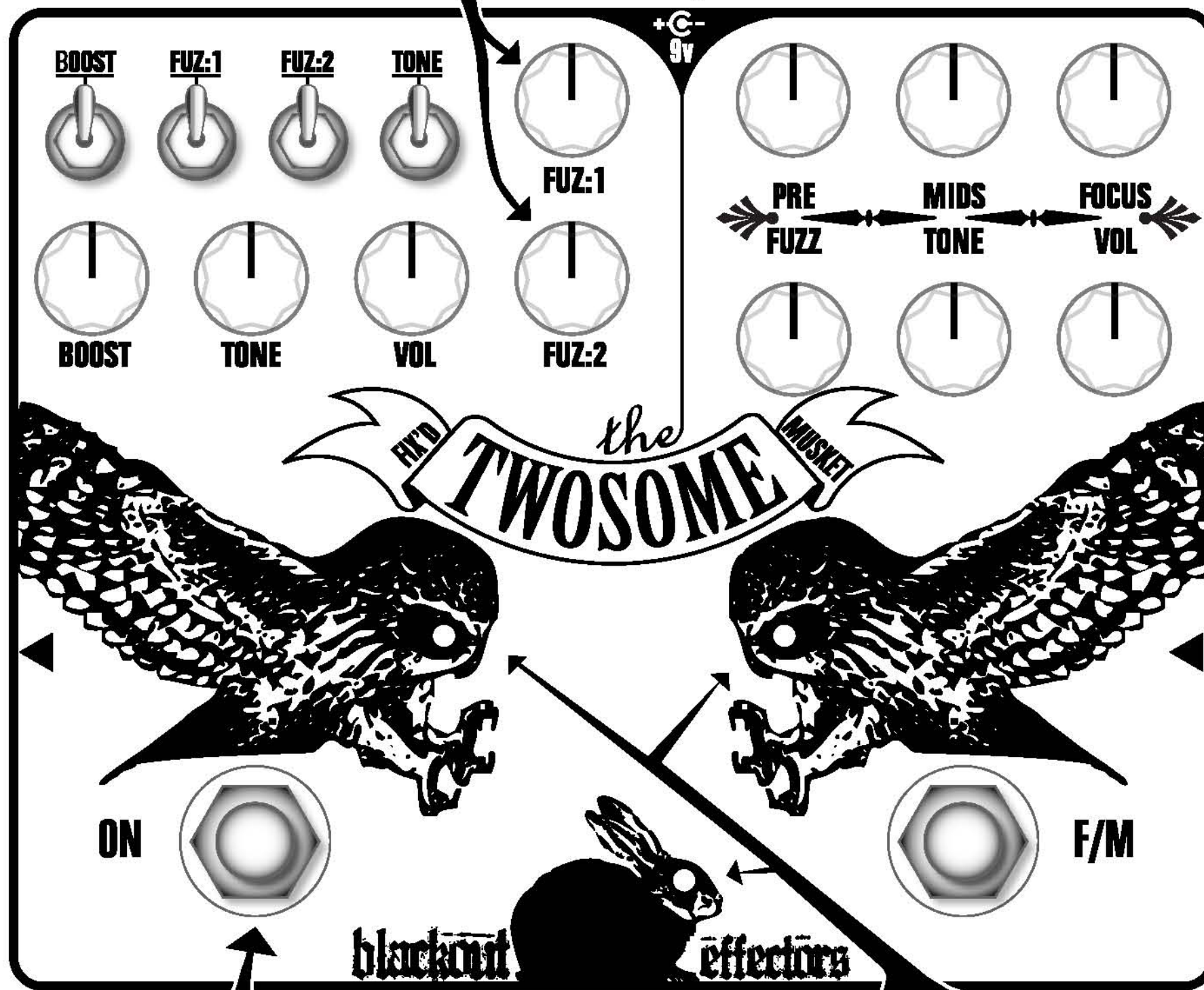
**TONE \*** The TONE stage does exactly what you think it does. It will drastically change the nature of the preceding stages. You'll find textures you like with it and without it.

**VOLUME \*** The VOLUME control is completely independent from the four Fix'd stages before it. Use it to match the output levels on the Musket side of the Twosome.

### FIX'D FUZZ GAIN:

FUZ:1 and FUZ:2 gain trimpots have been externalized as full-size pots making real time tweaks possible and unlocking the hidden sounds and range lurking in both.

**ONLY USE 9V DC** power supplies with negative-center barrel-style plugs. When possible use well-regulated power supplies for quieter operation. **NOTE:** The Twosome does not use batteries.



### FOOT SWITCHES:

The left foot switch ("ON") bypasses the pedal as a whole. The right foot switch ("F/M") chooses between the Fix'd Fuzz side or the Musket side.

### LED INDICATORS:

The yellow LED (bunny) indicates whether the pedal as a whole is bypassed or active. The two red LEDs (owls) alternate from one side to the other indicating which circuit is active. One red LED will always be illuminated (even while the pedal is in bypass), so that it is clear which circuit is chosen before the pedal is activated.

### MUSKET

The right side of the Twosome is the stock Musket circuit.

**PRE \*** The PRE(amp) control is a pre-fuzz gain stage that's used to overdrive the first transistor of the following fuzz circuit. This allows the FUZZ control to be used at lower settings for less diode clipping and more transistor clipping for different textures of overdrive and fuzz. At higher-gain FUZZ settings, the PRE will push the following fuzz stages even harder for additional over-the-top gain and meatiness.

**FUZZ \*** The FUZZ control sets the gain of the fuzz, from thick fuzzy overdrive to wall-of-fuzz.

**MIDS \*** The MIDS control changes the contour of the TONE control below it. At minimum MIDS settings there is a big midrange frequency dip and at higher MIDS settings there is a hefty midrange frequency boost to help your guitar or bass cut through a dense mix.

**TONE \*** The TONE control.

**FOCUS \*** The FOCUS is a highly-useful sludge control. It adds pre-fuzz circuit bass attenuation which helps tame the loose low-end nature of the fuzz circuit. As well as giving you control over the low-end sludge, the FOCUS control provides more/less note separation and a sharper/softer note attack. At high FOCUS settings techniques such as palm mutes become more defined and controlled.

**VOLUME \*** The master VOLUME control for the Musket side of the Twosome.