

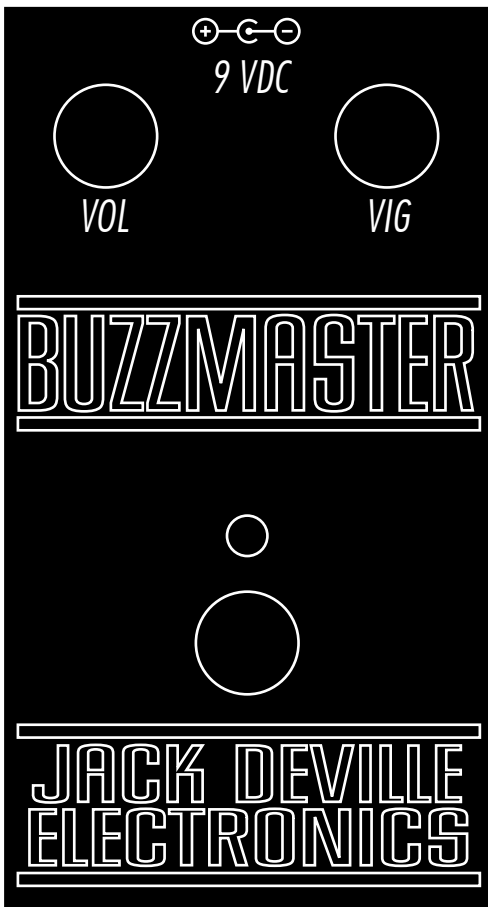
# BUZZMASTER

Thank you for choosing the BUZZMASTER by Jack Deville Electronics. We strive to bring you quality sounds and appreciate your support.

## Overview

The BUZZMASTER is a vintage-styled high-gain germanium overdrive/fuzz circuit, employing our “clickless” true-bypass scheme and top quality components for superior performance and tone. Two external controls and one internal control are provided for the operator to tune the effect to their unique preferences.

The control operations are explained below:



**VOL:** The VOL control sets the output level (VOLUME) of the BUZZMASTER.

Full CCW rotation will send the output of the BUZZMASTER directly to ground potential, thus exterminating output.

Full CW rotation will allow maximum output from the BUZZMASTER. Maximum output will allow the BUZZMASTER to drive an amplifier or other effect harder, producing rich harmonic overtones or aggressive splatty fuzz, depending on how the VIG control is set. This control is only active when the effect is engaged.

**VIG:** The VIG control adjusts the gain (VIGOR) of the BUZZMASTER.

Full CCW rotation will reduce the gain produced by the BUZZMASTER. At minimal settings, the BUZZMASTER produces thick, chewy Germanium overdrive.

Full CW rotation will allow the maximum gain to be achieved by the BUZZMASTER.

At full-tilt, the BUZZMASTER creates a rich, squishy fuzz with minimal noise between notes and a biting, aggressive tone.

### **Bias trim:**

An internal bias trim is provided allowing the operator to adjust the bias of the first stage. This control overcomes the inherent instability found in germanium semiconductors allowing the BUZZMASTER to perform well in a variety of climates. It is set at the factory to accommodate temperate climates. It is accessible by removing the back cover and is located at the lower left corner of the PCB.

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## **Operation & Bypass**

The footswitch controls the state of the BUZZMASTER. Depress the footswitch to engage or disengage the BUZZMASTER. Our unique true-bypass system ensures noiseless operation, free from the clicks, pops, and thumps commonly associated with true-bypass systems.

PLEASE NOTE: The BUZZMASTER defaults to the Bypass state upon startup. This feature was intentionally designed into the system to prevent unpredictable behavior from your effects chain.

## **LED Indicator**

The indicator LED alerts the operator of the BUZZMASTER's state.

LED active indicates that signal is flowing through the BUZZMASTER.

LED extinguished indicates that signal is bypassing the BUZZMASTER.

## **Power Requirements**

The BUZZMASTER has been designed to operate at 9VDC, and can be powered by an internal 9V battery or an external 9VDC power supply. A power jack is supplied at the top face the enclosure, between the input and output jacks. This jack follows the conventional negative center-pin polarity scheme.

Please observe these requirements when powering the unit by an external power source. Failure to follow these requirements may damage/destroy your BUZZMASTER and/or your power supply.

## **Sample Settings:**



**Germanium OD**



**Vintage Fuzz**



**Sonic Assault**

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