



Z-Drive Manual

www.drzamps.com

General Information

The idea of adding a pedal to our line of products was on our shop's "to do" list for some time. The goal was to release a killer overdrive and stick to the quality, craftsmanship and distinguished tone of our brand. Fortunately for us, one of the best pedal companies is just a stone's throw away; so we enlisted the talents of Jamie Stillman and EarthQuaker Devices... and the Z-Drive was born.

The Z-Drive starts with an active global EQ and gives you a choice between two distinct sounding preamp channels (via the channel footswitch). The germanium channel uses NOS germanium diodes and is a lighter more open sounding overdrive. The mosfet channel is a more compressed, higher gain overdrive. Both gain stages use hi-fi OPA 2134 op amps. Because the signal goes through the EQ first, turning the EQ controls clockwise can increase overall gain/distortion.

With the Z-Drive you essentially get two pedals in one. You can use one channel as a cleaner boost and the second channel for full overdrive or dial in overdrive sounds to bring out the different characteristics of each channel. Between the two channels and the full EQ the Z-Drive will open up a world of possibilities while complementing the tone of your amp.

Specifications

Controls

Germanium channel: drive, level and cut switch.
Mosfet channel: drive, level and cut switch.
Global EQ: Bass, middle, treble
Channel and Bypass footswitches.

Colors

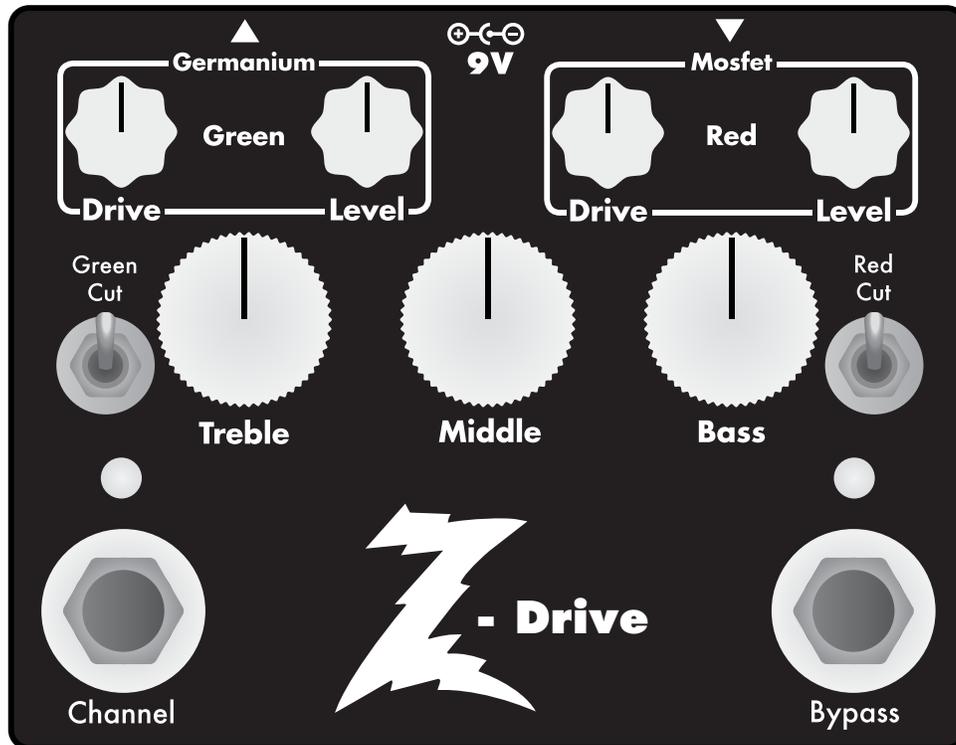
Black

Power

9 volt DC power supply with a 2.1mm negative center barrel or 9 volt battery. We recommend pedal-specific, transformer-isolated wall-wart power supplies. Pedals will make extra noise if there is ripple or unclean power. Switching-type power supplies, daisy-chains and non-pedal specific power supplies do not filter dirty power as well and let through unwanted noise. Do not run at higher voltages!
Current draw is 30 mA.

Dimension & Weight

1 $\frac{3}{16}$ " H x 4 $\frac{1}{16}$ " W x 3 $\frac{1}{16}$ " D, 1 lbs.



Drive: Turn clockwise to increase gain.*

Level: Turn clockwise to increase volume. The level control will boost the signal (post EQ) up to 5 times the input depending on where the dial is set.*

**This pedal has a lot of output volume on tap. If the drive knob is all the way up on either channel, level unity is around 9 o'clock.*

Cut: Flip switch up for a deeper, full range tone. Flip switch down to cut low end and boost mid and treble for a brighter tone.

EQ: Active 3 band EQ. Controls EQ of selected channel.

Treble: Noon is flat. Boost is clockwise from noon, cut is counter clockwise from noon. This control affects frequencies around 3k Hz and up.

Middle: Noon is flat. Boost is clockwise from noon, cut is counter clockwise from noon. This control affects frequencies around 1k Hz.

Bass: Noon is flat. Boost is clockwise from noon, cut is counter clockwise from noon. This control affects frequencies around 500 Hz and down.

Channel Footswitch: Switches between Germanium and Mosfet channels. When using Germanium channel the LED above the channel footswitch will turn green. When using Mosfet channel the LED above the channel footswitch will turn red. The Channel LED indicator will stay illuminated even when the pedal is bypassed.

Bypass Footswitch: True Bypass. LED above the bypass footswitch is blue when the pedal is on.

▼: Input jack.

▲: Output jack.

This pedal comes with a lifetime transferrable warranty. For any questions, concerns or repairs please contact: info@earthquakerdevices.com or jeff@earthquakerdevices.com (330) 252-9220 ext 204