



# Deja'Vibe®

## MDV3



### V2

Congratulations on your purchase of the Fulltone Custom Shop Mini-Deja'Vibe 3 Version 2... "CS-MDV3 V2" for short. It's the world's most accurate reproduction of the coveted 1960's Univibe effect made popular by Robin Trower, Jimi Hendrix, David Gilmour, and others. Robin Trower has exclusively used Fulltone Deja'Vibes ever since the day he tried one back in 1994. Fulltone has been making exact '60's Univibe clones longer than anyone (25 years) and are the only company manufacturing original-specification photocells, which are the heart of a Univibe-type pedal. All MDV3 V2 pedals require 18 volt DC, and we include a free Fulltone IPS-18 adapter that works anywhere in the world offering 100-240 volts AC. The MDV3 uses the Treadle to instantly access any speed by rocking forward or backward. The true-bypass MDV3 turns on and off with a cleverly placed footswitch back to the left of your heel as your foot is resting on the treadle. With a slight roll of the ankle it can be easily turned on and off, or you can leave it at your favorite speed and simply use your toe to turn it on or off. The MDV3 embodies everything that was great about the original Univibe and then some, at about 1/4 the original Univibe's size. V2 offers a major improvements over previous versions: Slower speeds, faster speeds, up to 15dB volume boost, and the most lush, thick sounding 'vibe to ever hit the market...at any price.

#### FEATURES:

**VOLUME KNOB:** The MDV3's Volume knob is only active while the pedal is turned ON. Unlike previous versions, your V2 can boost above unity as much as 15dB. Settings around 12 to 1 o'clock get "unity gain" which is another way of saying "neither boosting nor cutting the volume."

**INTENSITY KNOB:** Controls the depth of the effect. Increase depth by turning knob clockwise (CW) or decrease by turning counter clockwise (CCW)

**CHORUS / VIBRATO SWITCH:** Since Univibes were actually 4-stage Phasers, so "Chorus" is a misnomer, but it was the "Trower/Hendrix" setting on Univibes back in the 60s & 70s. Chorus mode is the lush, watery swirling sound most associated with David Gilmour, Robin Trower, Frank Marino, and Jimi Hendrix. "Vibrato" is true pitch-bending up and down, the same effect used on Clapton's guitar for the recording of "While My Guitar Gently Weeps."

**VINTAGE / MODERN SWITCH:** Offers a choice between traditional "Vintage" warm-voiced preamp (ala a vintage Univibe) and "Modern" for a slightly more sparkly, present sound.

**LED:** This bright blue lens tells you when the pedal is ON and pulses to the speed that the pedal is modulating.

**IN JACK:** Plug cable from your guitar into this, or the cable coming from the "out" of another effect.

**OUT JACK:** Plug the cable going to your amp into this, or the cable going to the "input" of another effect.

**ON/OFF TRUE-BYPASS FOOTSWITCH:** Located to the left of the bottom of the Treadle, use your toe or your heel to turn the pedal on or off!

### V2

**TREADLE FEEL ADJUSTMENT:** The Treadle resistance is fully adjustable softer or harder depending on how tight the Nut on the treadle axle-bolt (see **Diagram 2**, below) is set. For a softer feel, grab a couple of 7/16" wrenches and turn the axle-nut CCW, not more than a 1/4-turn at a time. To tighten the feel of the treadle, turn the nut CW about a 1/4-turn. **Warning!** Never exceed 37 ft. lbs. of torque on this nut as overtightening can lead to bending of the steel treadle and its bracket, causing damage to the pedal.

**POWER REQUIREMENTS:** You may only use 18VDC with the MDV3. It comes with a Fulltone IPS-18 (18VDC 500mA) power supply that will work in any country. Our power supply is the only switching-type that does not hum, hiss, or high-pitched squealing that all other switching-type adapters exhibit. We have gone to great lengths to design and manufacture a power supply that is dead quiet. If you must use a different power supply, **you must use a power supply that is 18 volts DC, and offering at least 50mA of current**, or higher. DC pots is a standard 2.1mm x 5.5mm barrel connector configured Center-Negative. If you use a pedalboard multi-power supply, make sure to use one that is *regulated* and has *discrete* (Isolated) outputs so that only clean DC is supplied. If you use an 18VDC power supply that does not offer enough current, the MDV3's bulb will be dimmer, and the overall effect will be weaker sounding.

**INTERNAL TRIMMERS (see DIAGRAM 1)** There are 3 internal trimmers that are adjusted by us during final testing. There is no need for you to change these settings although they are marked so that you can return to "factory settings" should they get out of adjustment. Improper settings will make your unit sound anemic or could render it incapable of achieving the full range of available speeds. If your unit is sounding odd, it might be that you are using a power supply that does not offer enough current, and have nothing to do with these trimmers.

**Trimmer #1 Intensity:** allows you to fine-tune the amount of current that gets to the light bulb thus adjusting the amount of pitch-bend Vibrato and Phasing. This is set at our shop and should not be touched but (if need be) should only be adjusted by someone who understands the nature of the circuit and how the Lightbulb affects the overall sound. The Trimmer is accessible by removing the four screws holding the rubber feet and removing the bottomplate. Use a small slotted or Phillips-head screw driver to turn the Trimmer slightly Counter Clock-Wise (CCW) to DECREASE bulb brightness and the Phase swoosh. Turn slightly CW to INCREASE bulb brightness and "Phase Swoosh." You must use your ears, but our optimal setting is marked on the trimmer should you want to return to the factory setting.

**Trimmer #2 Symmetry :** allows subtle change to the rhythmic feel of the oscillator to fine tune the heartbeat-like feel that's a hallmark of a properly-made Univibe clone. It's ok to mess with this trimmer, as it's simply a matter of personal preference...just use your ears!

**Trimmer #3 Exp Max: Caution!** This trimmer determines the available speed range and should not be changed unless you consult with us first. Having said that, turning this trimmer CW increases available fastest speeds while sacrificing the slowest speeds. Turning this trimmer CCW gives slower slow speeds at the cost of the fastest speeds. This trimmer is adjusted to give the best slower speeds, which yield the more usable sounds on a 'vibe.

**SPECIFICATIONS**

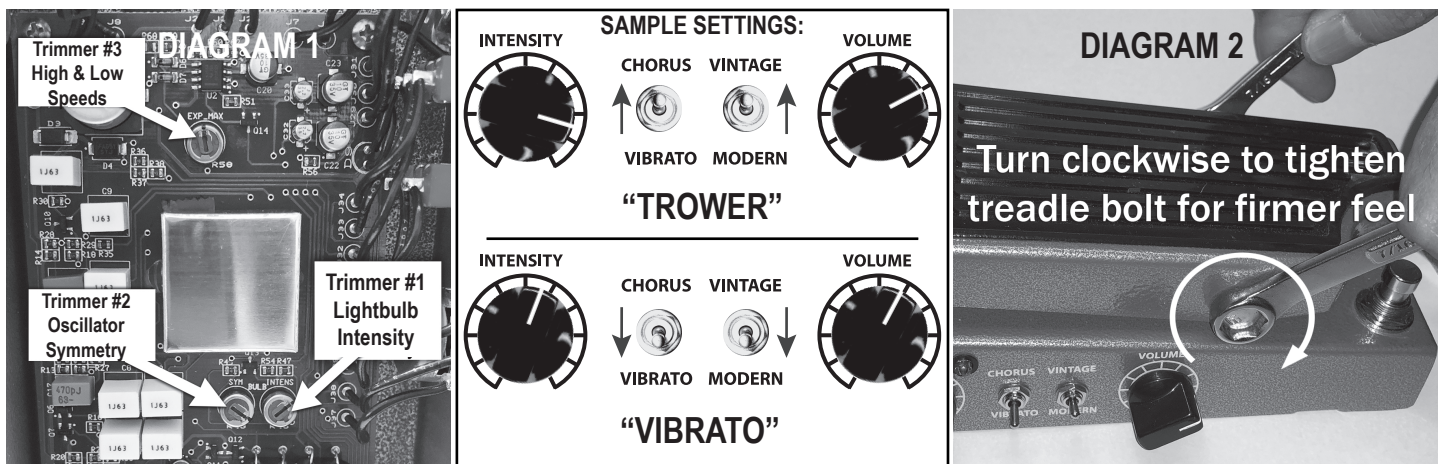
Power: 18VDC, actual current draw= 35mA. You can use 2 x 9VDC power outlets with a "series Y cable" such as the VoodooLab PPY doubling cable.

Input Impedance: Vintage mode~ 72k ohms, Modern mode ~122k ohms

Output Impedance: 10K ohms

Dimensions: max Height= 4.6", Width= 4.1", Depth=9.1"

Weight: boxed with power supply = 3.6 lbs, pedal only = 3 lbs



**WARRANTY:** Fulltone products carry a Limited 5-year Warranty is only available to the original owner with proof of purchase it was bought from an Authorized Fulltone Dealer. The Warranty covers failure due to manufacturing errors only and is void if repair attempted by anyone other than Fulltone. Warranty is voided if we deem that any operator-caused abuse or damage has occurred. Things that would cause voiding of the Warranty would include: the use of an incorrect power supply, water damage, physical abuse, etc. If you have a technical question about the pedal, please email tech@fulltone.com. For repairs please go to <https://www.fulltone.com/contact/fulltone-repair-process> and fill out the repair request form. You will be required to video the problem before we schedule a consultation or repair. Please note that whether the repair is Warranty-covered or not, the customer is responsible for all shipping costs, both ways. T

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