Congratulations on your purchase of the Fulltone Custom Shop

Model CS-MDV mkII

What is an “original Univibe?” It is a four-stage Phaser effect made between late-1968 and 1973 designed to replicate a Leslie rotating speaker by using a tiny incandescent light bulb shining on four photo-resistors housed under an aluminum shroud. This odd circuit offered a watery, thick, and unique blend of pitch-bend vibrato and chorus-like phase-shifting. Although it didn’t sound too much like a Leslie, its sound took on a life of its own, a sound heard on many recordings by Jimi Hendrix, Frank Marino, David Gilmour, and Robin Trower.

Original Univibes were extremely large, heavy effects boxes mated to an external wah-type foot-pedal controlling the modulation speed via a 5 pin, quick-disconnect cable. Old ‘vibes were very inconsistent from one unit to the next and were prone to malfunctioning, with no one knowing how to fix them let alone how to make them sound good again....well, almost no one. I started out in the ‘80’s collecting, dealing, and repairing ’vibes, which lead me to the idea of re-designing and building a bullet-proof new ‘vibe clone in a smaller footprint. Enter the Fulltone Deja’Vibe in 1993 with the goal of making a True-Bypass ‘vibe that was more reliable and that was 1/4 the original Univibe’s astronomical used-market selling price! I have been making “the exact original Univibe clone” ever since, with Robin Trower and many others using them exclusively the entire time.

Fulltone is the only ‘vibe using custom-made original-specification photocells, other companies buy incorrect ones from a DIY website because they didn’t spend thousands of dollars blueprinting every aspect of these original photocells like we did. We also devised a way to use our custom-made Optocoupler for controlling the speed of the oscillator and the external speed controller, providing much slower and faster available speeds than other ‘vibe clones. The CS-MDV mkII requires an 18-volt DC power supply with at least 50mA of current. We recommend using the Fulltone IPS-18 (included) for use anywhere in the world! You don’t have to be a huge Trower or Hendrix fan to appreciate the mkII, you just have to appreciate that massive pulsating wall of sound it creates when you switch it on.

Play on!

Michael Fuller

Custom Shop Mini-Deja'Vibe mkII

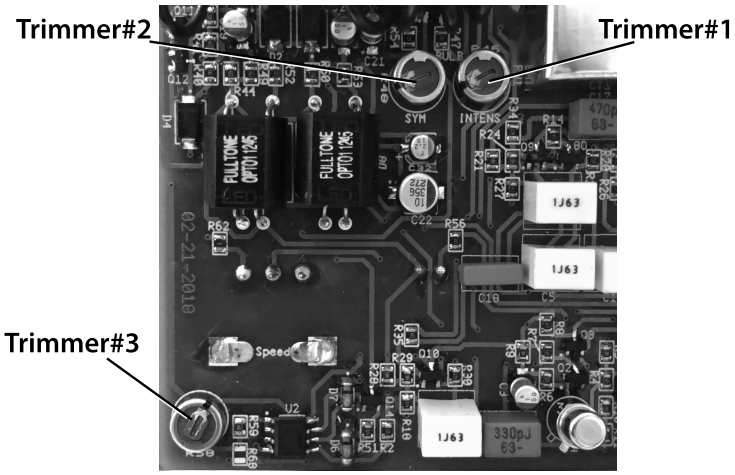
POWER REQUIREMENTS: You may only use 18VDC with the CS-MDV mkII. It comes with a Fulltone IPS-18 (18VDC 500mA) power supply that will work in any country, although you may need to adapt the US-type 2-pin connector to your match the type used in your country. Our power supply is the only switching-type 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. The DC port is a standard 2.1mm x 5.5mm connector configured Center-Negative: ⊖◑⊕
If you use a pedalboard 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 mkII's bulb will be dimmed, making the overall effect weaker sounding.

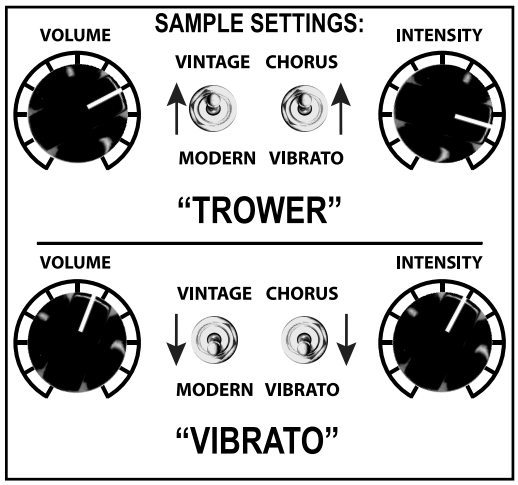
INTERNAL TRIMMERS (see DIAGRAM 1) There are 3 internal trimmers that are adjusted by us during final testing. There is no need for you to change these settings although they are marked so that you can return to "factory settings" should they get out of adjustment. Improper settings will make your unit sound odd and/or 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 bottom plate. 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. Or try 2 x 9VDC power outlets using a "series Y cable" such as VoodooLab PPY doubling cable.
Input Impedance: Vintage Mode~ 72k ohms, Modern Mode ~122k ohms
Output Impedance: 10K ohms
Dimensions: 3.9"W x 4.3" D x 2.4"H
Weight: (boxed with power supply= 1.6 lbs (pedal only)= 1.187 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 a Fulltone tech. 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.

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For more info and expanded information & videos go to **www.FulltoneUSA.com**