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4. Attack - Adjusts the speed of the filter, and how fast it responds to transients in your playing. Fully slow opens the filter like a nice sweep on the wah pedal. Fully fast will open and close the filter nearly instantly making the attack of each note very pronounced. Fast attack will also move the filter around during note bending and the beating of slightly out of tune notes for spaceshippy sounds.

5. Threshold - Adjusts the volume sensitivity of the filter. Turning it up causes the filter to begin working sooner and at lower levels. This sets the depth that the envelope reaches and how quickly it starts to decay.

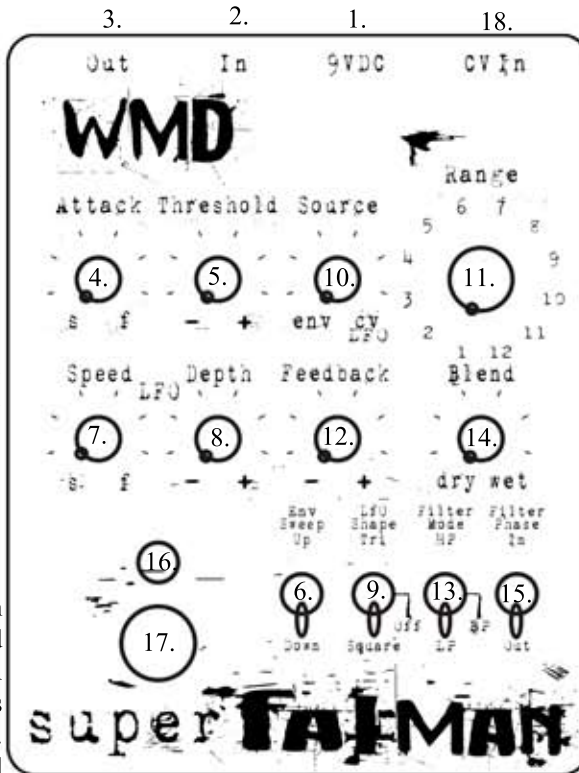
6. Sweep Up/Down Switch- Controls where the filter starts and moves to. When in "up" mode, the filter starts at the lowest frequency and as volume increases, the frequency moves up. When in "down" mode, the filter is at its max frequency for the range and moves downward as the volume increases. Down acts as a tone compressor.

7. LFO Speed - Controls the speed of the Low Frequency Oscillator, from about .07 Hz (about 14 seconds) to 8Hz. Slower settings produce killer synthy filter sweeps, faster settings give you tremolo or vibrato like sounds.

8. LFO Depth - Attenuates the LFO signal to control how subtle or pronounced you want the LFO to work on the filter.

9. LFO Shape Switch - The LFO will run in Triangle Mode, (always smooth up and down) or Square Mode (full up or full down with no inbetween). Triangle is great for sweeps and more subtle sounds. Square is great when the Depth is turned down and blended with the envelope to produce delay like stuttering in longer notes. To turn the LFO off, put the switch in the middle position (useful when using an expression pedal).

10. Source - This controls how much of the envelope follower is blended with the CV/Expression Pedal input or the LFO. Some very nice sounds come from the careful setting of this control.



11. Range - This rotary switch selects between 12 distinct frequency ranges, controlling the frequency of the filter. The lowest setting goes down to 20Hz and provides movement in the sub-bass frequencies. The highest range tops out at 7kHz. Each range has its own sound and response characteristics.

12. Feedback - This controls how much of the filter is heard at the output. Higher settings produce a sharper resonant peak while lower settings flatten the filter out and make it far more subtle.

1. 9VDC - use a standard boss style (center negative) power supply.

2. Instrument Input

3. Super FatMan output

13. Filter Mode: LP/BP/HP Switch - This switch selects between the different filter modes. Low Pass mode cuts frequencies above the filter point, producing classic filter tones. Band Pass is more like a traditional wah pedal outputting only the frequencies directly around the filter point. High Pass cuts all frequencies lower than the filter point and creates some very nice tones without any bass.

14. Blend: wet/dry - this blends your dry signal in with the filtered signal. It can help retain your original tone and add just a little filter, or get just the filtered tone. Use in junction with the Filter Phase switch for increased tonal possibility.

15. Filter Phase Switch - This flips the phase of the filtered signal for the blend control. Having an in phase signal adds the frequencies together producing more bass and a more subtle sound. Out of phase subtracts the frequencies from each other and produces sharper sounds.

16. RGB LED - The indicator LED on the Super FatMan is now a multi color (red/green/blue) type that has allowed us to provide visual feedback on how the pedal is working. The LED will light up Blue when the Super FatMan is engaged. The RED part will show the speed and mode of the LFO. The GREEN part will show what the filter is doing (envelope, and LFO). Besides being a cool looking flurry of colors, the LED will help you set the controls to get the sound you want faster.

17. Bypass - The stomp switch is wired true bypass so only wires touch your tone when the Super FatMan is disabled.

18. CV Input - This jack allows you to use a standard expression pedal (stereo plug) to control the filter position, or blend it with the envelope and LFO. It provides power to the expression pedal. This can also be used with 0-5 volt CV sources. For +/-2.5 volt (moogerfooger and modular gear) CV, a special adapter is required to convert the voltage levels, available from WMD for \$30.

WARRANTY: All WMD products are guaranteed against defects for 1 year from date of purchase.