



Enter the StonedHz v2, a micro modulation factory featuring an all analog signal path controlled via a microcontroller for extreme possibilities. A MN3207 BBD chip along with an opto-isolator and a vast array of controls offer a massive amount of modulation manipulation. Inspired from the synth world we gave you total control over the 3 basic waveforms of the LFO (square, triangle and sine) with the ability to distort them. Moreover you can use amplitude modulation (tremolo) along with phase/pitch modulation or independently. In the second edition of the pedal we have added a ring modulator effect plus 4 CV inputs/outputs that will make the pedal compatible to most synthesizers/sequencers or drum machines out there. From classic sounds of flanger, chorus, vibrato, tremolo and leslie type effect to anything in between that will make you trip out.

Controls:

- Volume:** set the desired master volume of the pedal. Match bypass level or boost - handy when you apply tremolo or extreme chorus settings.
- Mod depth:** set the intensity of phase/pitch modulation
- Clock:** alter the clock frequency for the BBD chip and morph between slight phasing, flanger, chorus, or vibrato.
- Feedback:** set the amount of modulated signal that is fed back to the input. If you max out feedback control with "clock" on higher settings the pedal may go into oscillation.
- Speed:** set the rate of the LFO controlling pitch and amplitude modulated signal. Maxed out the pedal will go into ring modulation.
- W.D. (wave distortion):** set the distortion of the LFO waveform. From even (set mid-way) to ramp up or ramp down like waveforms .
- Trem depth:** set the intensity of tremolo effect.
- Waveform toggle switch:** select between a square/triangle/sine LFO waveform (with W.D. set mid-way)
- Tap/ring toggle switch:** select the operation of tap/ring footswitch. Tap the desired LFO speed when in tap setting (up) or keep pressed to enter ring modulation mode when in ring setting (down).
- Xp:** expression pedal input. Plug a TRS expression pedal (with up to 100k linear pot value) to control the rate of the LFO. Use the speed knob to set minimum and maximum rate of the expression pedal.
- CV input/output mini-jacks:**
 - Clk out:** sends 0-5V clock pulses to control synth oscillators , drum machines, etc
 - Clk in:** receives 0-5V clock pulses to set the rate of LFO
 - W.D.:** receives 0-5V LFO signals to modulate wave distortion
 - Rate:** receives 0-5V LFO signals to modulate rate of the LFO

Built with the best components available, features true-bypass and operates with external 9 - 12V DC regulated power supply (- center, + ring). Max current consumption 59ma @ 9V DC. Using a power supply of 15V DC or more may cause severe damage to the pedal and void warranty.

Warranty: StonedHz v2 comes with 5 years warranty. We will provide service/repair at no cost for all internal parts, within 5 years from date of manufacture - buyer is responsible for shipping costs. This warranty excludes damages done due to misuse or improper handling.

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