

## SHOEGAZER12

12 bits reverb pedal based on algorithms from Mldiverb 1 and 2 from the eighties.



Shoegaze, dream pop, oceanic rock, what do they have in common?

Well, besides Jaguars and bass vi's , the extensive use of vintage rack effect units from the eighties . most iconic being Midiverbs 1 and 2 , and also SPX90 and FX500 from the Japanese Y. Those are cool if you can get one (or two) working units in the second or third hand market, but pretty inconvenient for live use due to a not so great bypass scheme, bulky size and not especially guitar and bass levels friendly.

Enter the Shoegazer12 , inspired by those venerable units but with many twists .

Signal wise there's an analog path with pre emphasis, low pass filtering, compression , before the digital processing, and that was exactly what was done on those 'Vintage digital' units.

By avoiding the use of modern DSP and canned solutions, features like analog modulation and variation of the global sampling rate is easy here, you can even do "dive bomb" reverb and delay bends with an expression pedal.

Let's not forget that this is 12 bits, so it's noisy but has a strong personality.No hi fi perfection here.

Downside is that it is addictive, so you'll spend countless hours on those alien reverb landscapes that are possible. You have been warned .

8 programs, first 4 , 40 to 43 based on reverse reverb from Midiverb 1 , and last 4 based on Bloom from Midiverb 2.

40- reverse long  
41-reverse medium  
42-reverse short  
43-reverse regen

44-massive Bloom.  
45-Classic Bloom  
46-Bloom delay 1  
47-Bloom delay 2

Controls:

Potentiometers:

**Pitch:** controls sampling rate for the whole effect, allowing for smooth pitch shifts and other tricks.Has an associated expression pedal input.

**Blend:**mixes between direct signal and effected signal, up to 100% with no dry.

**Soft Focus:** adds a layer of modulation between chorus, phaser and vibe. active o any of the programs.Works independently from total pitch modulation

**Program:** selects one of 8 programs, with a silent pause while changing .

**Tone:** active tone control pre reverb.Flat at center, boosts bass frequencies at left, high frequencies at high.

**Rate:**speed control for LFO that allows for global pitch modulation.

**Wave:**selects one of eight LFO waveforms.

**Depth:**amount of modulation for pitch/sampling rate.

Footswitches:

**Slow:** allows for reducing sampling rate to half , normal is blue, half is off , thus creating strange octave effects.

**Tap:**LFO tap tempo

**Freeze:**Holds what's in the memory buffer allowing for INFINITE effects.The exception being bloom program 45 which does not freeze.

**Bypass:**buffered bypass.