

# ArcDev MAINLINER



## ARC.DEV NOISE INDUSTRIES

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## MAINLINER

This VST Instrument / effect is Freeware. However, if you find it useful, please consider paying me by way of music - send me a cd of your music, or let me know where I can download it. Thanks.

## CAVEAT EMPTOR

This software is given away free of charge without any guarantees as to its usefulness, stability, morality or whatever. All attempts have been made to ensure these files are harmless, but of course I can't take any responsibility for anything, let alone what you happen to do with it. So basically use at your own risk. Some of these things can create extremely loud / piercing / harsh sounds, so don't blame me if you break anything. You know, the usual crap. Enjoy.

## INSTALLATION

Unpack all files into your VST plugin folder. Documentation will be unpacked into the same folder.

## WHAT IT IS

MAINLINER is a 2-oscillator monosynth based loosely on the N\*vation Super Bass Station. It features a very similar modulation routing system, in addition to 2 square / saw-wave oscillators, sub oscillator, 12 / 24db filter, ring modulation, external input and an effects section featuring stereo chorus and distortion.

MAINLINER is capable of a pretty wide range of sounds, from smooth m\*\*g-ish tones to harsh rumbling bass-quakes and discordant tones. You may even get it to sound like a TB. Just don't, okay?

## ACKNOWLEDGEMENTS

MAINLINER uses custom modules supplied by [Chris Kerry](#) and [David Haupt](#). Cheers as always to [Jeff McClintock](#).

# CONTROLS

MASTER CONTROL		
1	<b>VOLUME</b>	Main synth volume
2	<b>GLIDE</b>	Portamento time
3	<b>BEND RNG</b>	Pitch-bend range
4	<b>LRN/RST</b>	External midi control Click LRN, move the knob to be controlled, then move the corresponding knob on your midi controller.
OSC 1 / 2		
5	<b>WAVE</b>	Oscillator waveform : saw / square
6	<b>DETUNE</b>	Oscillator detune
7	<b>ENV2</b>	Envelope 2 effect on oscillator pitch Click the led below to engage. Move clockwise for positive values, counter-cw for negative.
8	<b>LFO 1</b>	Lfo 1 effect on oscillator pitch Click the led below to engage. Move clockwise for positive values, counter-cw for negative.
9	<b>PW</b>	Pulse width (for square wave)
10	<b>PWMOD</b>	Pulse width modulation source : manual / lfo2 / env2
11	<b>SYNC</b>	Syncs both oscillators
12	<b>OCTAVE/NOTE</b>	Oscillator 2 pitch shift, in octaves and notes
LFO 1 / 2		
13	<b>WAVE</b>	Lfo waveform : square / triangle / saw / random (sample & hold)
14	<b>RATE</b>	Lfo manual rate
15	<b>ATTACK</b>	Lfo attack time, from note-on
16	<b>SYNC</b>	Sync lfo time > host bpm Click sync and adjust bar divisions : 4 bars > 1/16 <sup>th</sup> bar
OSC MIXER		
17	<b>O1&lt;&gt;O2</b>	Oscillator 1 / 2 balance
18	<b>LEVEL</b>	Overall oscillator level
19	<b>RINGMOD</b>	Ring modulator level
20	<b>EXT IN</b>	External input level. External audio input is only available in hosts that support routing audio to VST instruments.
21	<b>SUB</b>	Sub-oscillator level
22	<b>SUB DEST</b>	Sub-oscillator destination : filter / dry Pans the sub-oscillator between the filter / distortion section and dry output
FILTER		
23	<b>TYPE</b>	Filter type : high-pass / band-pass / low-pass
24	<b>CUT</b>	Filter cutoff frequency
25	<b>RES</b>	Filter resonance
26	<b>X2</b>	Switches filter to 24db mode
27	<b>KBD</b>	Key position effect on filter cutoff frequency Click the led below to engage. Move clockwise for positive values, counter-cw for negative.
28	<b>LFO2</b>	Lfo 2 effect on filter cutoff frequency Click the led below to engage. Move clockwise for positive values, counter-cw for negative.
29	<b>ENV2</b>	Env 2 effect on filter cutoff frequency Click the led below to engage. Move clockwise for positive values, counter-cw for negative.
DRIVE		
30	<b>DRIVE</b>	Distortion pre-amp amount
31	<b>TONE</b>	Distortion tone : turn counter-cw to attenuate highs
32	<b>LIMIT</b>	Distortion output amount
33	<b>BOOST</b>	Drive boost
34	<b>MIX</b>	Distortion / dry mix
CHORUS		
35	<b>RATE</b>	Chorus rate
36	<b>MIX</b>	Chorus mix
ENV 1 / 2		
37	<b>A</b>	Attack time
38	<b>D</b>	Decay time
39	<b>S</b>	Sustain level
40	<b>R</b>	Release time
41	<b>VELOCITY</b>	Velocity sensitivity
42	<b>DELAY</b>	Time from note-on before envelope starts