



## MAIN FEATURES

- # Software Plug-in instrument version of Novation K-Station
- # Industry Standard VST (for PC Platforms) and MAC Audio Unit Plug-in format
- # V-Station sounds can be downloaded into the A or K-station and vice versa
- # Superb liquid analogue sound based on K-Station sound engine
- # Arpeggiator with synchronisation lock
- # Simultaneous high quality effects including Reverb, Chorus, Phaser, Delay, Panning & Distortion, EQ Filter
- # Powerful 3 Oscillator sound engine with Noise and FM capability.
- # 400 User Programs - 200 awesome factory pre-sets
- # 8 Note Polyphony per instance

# V-STATION

## VIRTUAL ANALOG SYNTHESIZER PLUG-IN

When Novation launched the multi-award winning K-Station in 2002 it made an impact akin to lobbing a barracuda into a goldfish bowl. Musicians were mad for the phatt'ness, the flexibility and the cool sound shaping while reviewers oozed with praise. And history is about to repeat itself with the new V-Station Virtual Analog Synthesizer.

### Plug-In for PC and Mac

The V-Station gets the same real 3 oscillator flexibility as the award winning K-Station, awesome liquid analog filters, 8-voice polyphony, rippin' simultaneous FX and the kind of phatt sounds only a genuine Novation synth can offer. It's got masses of sophistication, acres of program locations and the flexibility of integrating it with your favourite sequencer / disc-based recording set-up.

### Easy to use - Powerful in Operation

And getting the best from the new V-Station is easy. All the primary sound-shaping controls are there on the main screen, clear, concise and refreshingly simple. Recall a named factory preset, tweak it to get 'your sound' and instantly save it in any of the 400 program locations. Need more? Just click and you'll find additional functions and controls on the other three screens.

### The Ultimate K-Station / A-Station Partner

For ultimate flexibility, why not partner a V-Station with one of Novation's award-winning hardware synths? As sounds created in the V-station can be downloaded into the A or K-station and vice versa, harmonising your gigging / studio set-ups and building mega-sound libraries is snap.



Main screen



Extras screen



Controls screen



Globals screen



Plug-In	
Format	PC: Standard VST Plug In. Mac: Audio Units
Architecture	
Voices	8
Instances / Multitimbrality	Unlimited (in practice up to 4 on a 2.5Ghz PC and up to 4 on a 1.25Ghz Dual processor Mac G4). Effects may be switched off to increase number of instances
Sound Storage	
Programs	400 Re-Writable (200 factory preset) for each instance
Compatibility	Programs from A-Station - K-Station can be uploaded and downloaded
Oscillators 1, 2 and 3	
Waveforms	Square / Saw / Variable Pulse / Tri / Sine / Double Saw / Double Tri / Double Sine
Octave Range	Shift -2 -1 / 0 / +1 / +2
Mod Env Depth	-64 to +63
LFO1 Depth	-64 to +63
PWM Source	Mod Env / Manual / LFO2
Ring Mod	1 * 2
FM	2 * 3
2 * 3 FM Level	0 - 127
2 * 3 FM Mod Level	-63 to +64
FM Env Attack Rate	250uS-20 Seconds
FM Env Decay Rate	1mS-20 Seconds
Comprehensive Aftertouch, Breath and Pitch / Mod Wheel control of both static pitch and modulation of pitch	
Mixer	
Osc 1 Static Level	0 - 127
Osc 2 Static Level	0 - 127
Osc 3 Static Level	0 - 127
Noise Static Level	0 - 127
Filter	
Frequency	5Hz-24kHz
Slope	12dB / 24dB
Modes	Low Pass
Resonance	0-Self Oscillation (24dB mode)
Mod Env Depth	-64 to +63
LFO 2 Depth	-64 to +63
Cut Off	0 - 127
Keyboard Tracking	0 - 127
Overdrive	0 - 127
Q normalise	0 - 127
Comprehensive Aftertouch, Breath and Pitch / Mod Wheel control of both static filter freq and modulation of filter freq	
Amplifier Envelope	
Velocity	-64 to +63
Attack	250uS-20 Seconds
Decay	1mS-20 Seconds
Sustain	0 - 127
Release	1mS - 20 Seconds
Mod Envelope	
Velocity	-64 to +63
Attack	250uS-20 Seconds
Decay	1mS-20 Seconds
Sustain	0 - 127
Release	1mS - 20 Seconds
LFO1	
Mode	Cyclic
Waveforms	Sine / Tri / Saw / Squ
Speed	0 Hz - 1Khz
Delay Fade In	0 - 5 Seconds
LFO Sync	Internal - MIDI Clock
LFO2	
Mode	Cyclic
Waveforms	Sine / Tri / Saw / Squ
Speed	0 Hz - 1Khz
Delay Fade In	0 - 5 Seconds
LFO Sync	Internal - MIDI Clock
Arpeggiator	
Controls	On-Off / Speed / Octave range / Gate Time / Latch / pattern / MIDI Clock / Sync / Keysync
Effects	
Reverb	Level / Echo Chamber, Small Room Large Room, Small Hall, Large Hall Grand hall / Decay / Wheel Level
Chorus - Phaser	Level / Rate / Type / MIDI Clock Sync / Feedback / Mod Depth / Centre / MIDI clock sync initial Position Wheel Level
Distortion	Drive / Compensation / Wheel Level
Panning	Position / Mod Depth / Speed / MIDI clock Sync Initial Position
Delay	Depth / Time / Feedback / MIDI Clock Sync / Stereo Width / Ratio / Wheel Level
EQ / Filter	Depth / Freq / Mod Depth / Mod Speed MIDI clock sync / MIDI clock sync Initial position

# V-STATION

## VIRTUAL ANALOG SYNTHESIZER PLUG-IN



### Analog Modelled Oscillators

Three powerful Oscillators provide all the classic waveforms, including a sine wave for those sub-bass floor-shaking grooves. All Waveforms feature a "Double" facility which provides twin waveforms with no loss of polyphony. Oscillators may be set to Unison or Sync'd operation and can utilise FM for the generation of metallic or percussive timbres. A Noise Source is also included in the waveform engine.

### Novation Warm Liquid Filters

Delivering the rich liquid sound of an analog filter. Selectable low-pass, 12dB or 24dB cut-off curves with resonance and overdrive make it easy to recreate anything from a distorted TB303 to tight, rounded bass patch.

### Unlimited Multi-Timbral Parts

The V-Station delivers 8 voices for each instance that is used. Call up an instance of the V-Station and there are immediately a further 8 voices available with a new sound if desired. This ability to use multiple 'instances' allows the V-Station to run as many multi-timbral parts as the power of the host computer will allow.

### Integrated Effects on EACH Instance

Novation set the industry standard with the famed Supernova Synthesizer for providing a complete set of powerful effects on each part on the multi-timbral synthesizer. The V-Station adopts this sound structure which makes for 6 simultaneous effects per instance. The effects include a Distortion unit that adds edge for harder sounds, a synchronised stereo Chorus or Phaser for spatial effects and a Reverb that adds an extra dimension and realism.

A synchronised Panner and the Delay engine complete the comprehensive lineup.

### Arpeggiator, Tweak and Sync to the Beat

An arpeggiator with programmable speed, synchronisation and sweep range is available within each instance. Comprehensive synchronisation of time based effects can be easily implemented. For example the delay effect may be set to a quarter note repeat whilst another LFO (built in to the effects unit) can sweep the phaser every 2 bars. All parameters respond to MIDI controllers which can be recorded in realtime on a track on the selected sequencer. - Set up a few instances, hit a single key and trigger a wall of sound. All running Arpeggiators and LFOs can be individually synchronised to MIDI Clock in different time signatures.

### Ships with 200 Stunning Factory Sounds

Covering a huge sonic range from searing leads to passionate pads, from delicate electric pianos to phatt funky bass. They're all there.



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