

Korg Wavestate – Wave Sequencing 2.0 mit RANDOMIZE

Korg schreitet voran. Der / die / das Korg Wavestate: Ein interessantes Synthesizer-Konzept bei 64 Stimmen, 4 Layern und schlankem 3-Oktaven-Keyboards. Voll-Polyphonie „Plus“, wie man in diesem Fall wohl sagen müsste. Die quasi „neue“ Wavestation ist ja ein Ur-Ur-Enkel des Sequential Prophet VS. Nun allerdings mit virtuellem MS-20 / Polysix Filter und der genialen Wave Sequencing RANDOMIZE Funktion ...



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Das Prinzip der Möglichkeit von 4 Layern ist – man beachte die historische Entwicklung – natürlich jener (unabdingbare) alte Hut, der der Vektor-Synthese und dem damit verbundenen Einsatz des Joysticks erst seinen Sinn gibt. Darüber hinaus ist das Stichwort jedoch sicherlich „Wave Sequencing 2.0“. Während bei der Wavestation die Abfolge der Wellenform-Sequenz noch *statisch* verlief (damals eine Revolution!), geht Korg nun *dynamisch* an dieses Thema heran.

„Wave Sequencing 2.0 splits apart the timing, the sequence of samples, and the melody, so that each can be manipulated independently. Also added are new characteristics including shapes, gate times, and step sequencer values. Each of these is a “Lane,” and each Lane can have a different number of steps and its own start, end, and loop points.“ (Korg.com)

Wave Sequencing 2.0
Extensive modulation with hands-on control
Gigabytes of samples
Modeled filters, including MS-20 and Polysix
64 stereo voices
4 Layers with Vector control
14 simultaneous effects
Set Lists and Smooth Sound Transitions
Randomization
Compact. Great design. 37 full-size keys.
Designed by Korg R&D in California

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wavestate WAVE SEQUENCING SYNTHESIZER	
Keyboard	37 keys (velocity and release-velocity sensitive)
Sound generating system	Wave Sequencing 2.0
Maximum Polyphony	64 stereo voices
Sounds	Ships with over 240 Performances, 740 Programs, and 1,000 Wave Sequences Storage for tens of thousands of user Performances
Structure	Performance 4 Layers, Reverb, EQ; all edits are stored in the Performance, DAW-style (saving as separate Programs, Wave Sequences etc. is supported but not required)
	Layer Program, Arpeggiator, Key and Velocity Zones
	Program Wave Sequence, Filter, Amp, Pre FX, Mod FX, Delay
Filters	2-pole LPF, 2-pole HPF, 2-pole BPF, 2-pole Band Reject, 4-pole LPF, 4-pole HPF, 4-pole BPF, 4-pole Band Reject, Multi Filter, MS-20 LPF, MS-20 HPF, Polysix

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WAVE SEQUENCING SYNTHESIZER

Modulation

Controllers

Mod Wheel, Pitch Wheel, Vector Joystick X/Y, 8x Program/Performance Mod Knobs

Other Sources

3x Envelopes, Vector Envelope, 3x LFOs, 2x Mod Processors, 2x Key Track, Step Sequencer Lane, Step Pulse, Tempo, Program/Performance Note Count, Program/Performance Voice Count, Poly Legato, Velocity, Exponential Velocity, Release Velocity, Gate/Gate+Damp, Note-On Trigger/Note-On Trigger+Damp, Note Number, Aftertouch/Poly Aftertouch (external MIDI only), MIDI CCs +/-, MIDI CCs +

Destinations

Most parameters can be modulated, including parameters of individual Wave Sequence Steps. Depending on Wave Sequence length, there can be more than 1,000 potential modulation targets per Program.

Effects

Pre FX

Decimator, Graphic EQ, Guitar Amp, Modern Compressor, Parametric EQ, Red Compressor, Ring Modulator, Tremolo, Wave Shaper

Mod FX

Black Chorus/Flanger, Black Phase, CX-3 Vibrato Chorus, EP Chorus, Harmonic Chorus, Modern Chorus, Modern Phaser, Orange Phase, Polysix Ensemble, Small Phase, Talking Modulator, Vintage Chorus, Vintage Flanger, Vintage/Custom Wah, Vox Wah

Delay

L/C/R Delay, Multiband Mod Delay, Reverse Delay, Stereo/Cross Delay, Tape Echo

Reverb

Early Reflections, Overb

Performance EQ

4-band parametric EQ

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WAVE SEQUENCING SYNTHESIZER

Inputs/outputs

Headphone (6.3 mm stereo phone jack)

OUTPUT L/MONO and R (impedance-balanced 6.3 mm TRS phone jacks)

DAMPER (6.3 mm phone jack)

MIDI IN and OUT connectors

USB B port

Power supply

AC adapter (DC12V, 2500mA)

Power consumption

5 W

Dimensions (W × D × H)

565 × 338 × 92 mm/22.24" × 13.31" × 3.62"

Weight

2.9 kg/6.93 lbs.

Included items

AC adapter, Precautions, Quick Start Guide

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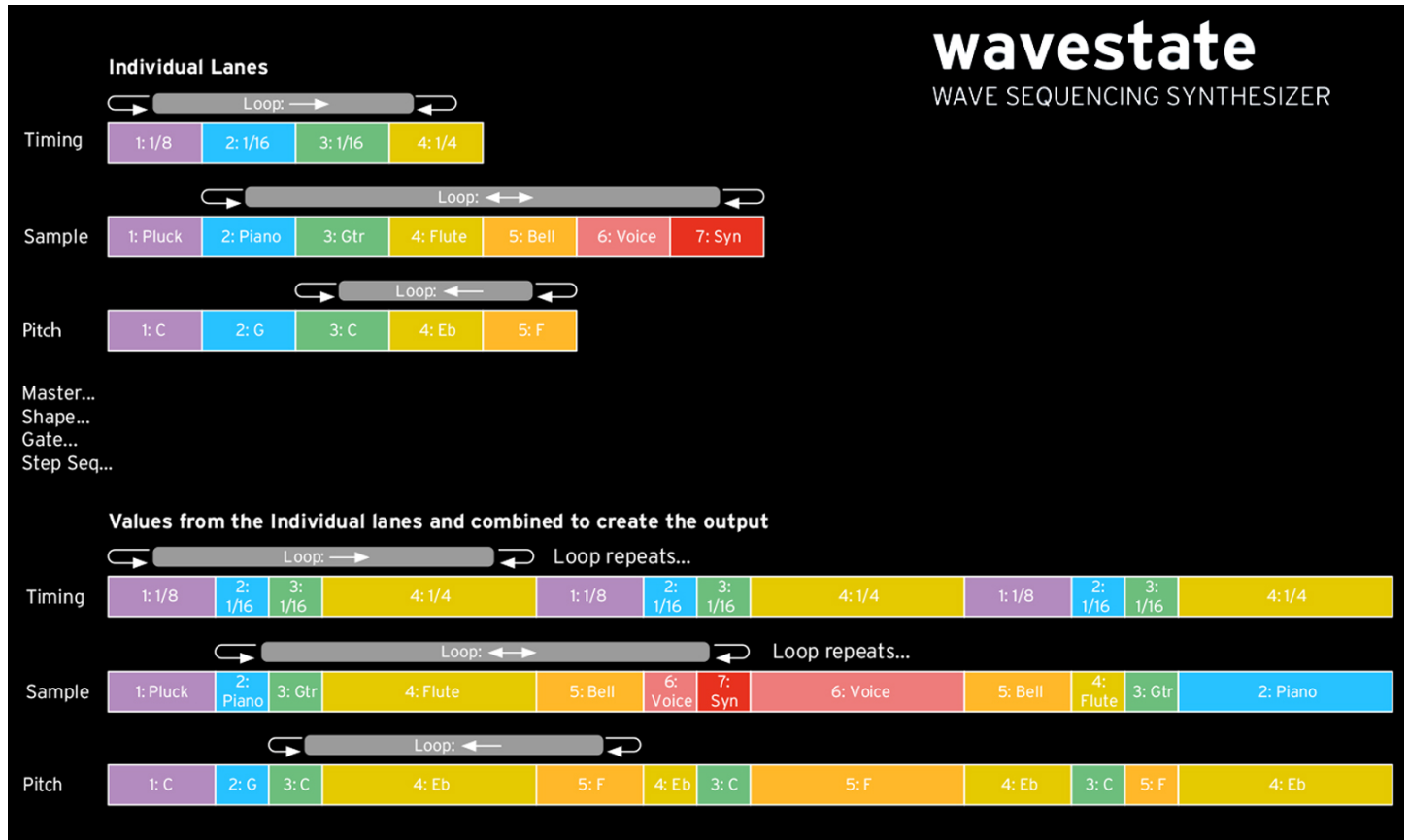
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Der entscheidende Kern der Sache ist die neue RANDOMIZE Funktion:

„Every time the sequence moves forward, the individual Lanes are combined to create the output. For instance, a sample may be matched with a different duration, pitch, shape, gate length, and step

sequence value every time that it plays. You can modulate each Lane's start, end, and loop points separately for every note, using velocity, LFOs, envelopes, Mod Knobs, or other controllers. Each note in a chord can be playing something different!

Lanes can also randomize the step order every time they play, with realtime control over the range of included steps. Finally, individual steps can be randomly skipped, with a modulatable probability from 0 to 100%. The result is organic, ever-changing sounds that respond to your control. The four onboard arpeggiators can interact with Wave Sequences for even more possibilities.“ ([Korg.com](https://www.korg.com))



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Das schlanke 3-Oktaven Keyboard ist hingegen ein Tribut an die Zielgruppe des Wavestate Synthesizers. Klein, handlich, transportabel, hipp ... so lauten offenbar die Vorgaben der neuen Generation von Elektronikern an die Industrie:

„Far from a nostalgic reissue, the wavestate is designed from the ground up for a new generation of musicians, producers, and composers, taking cues from sources as diverse as modular synths, groove boxes, and algorithmic composition. The compact form-factor, with 37 full-size keys, transports easily and fits neatly into any stage, studio, or desktop setup.“ ([Korg.com](https://www.korg.com))



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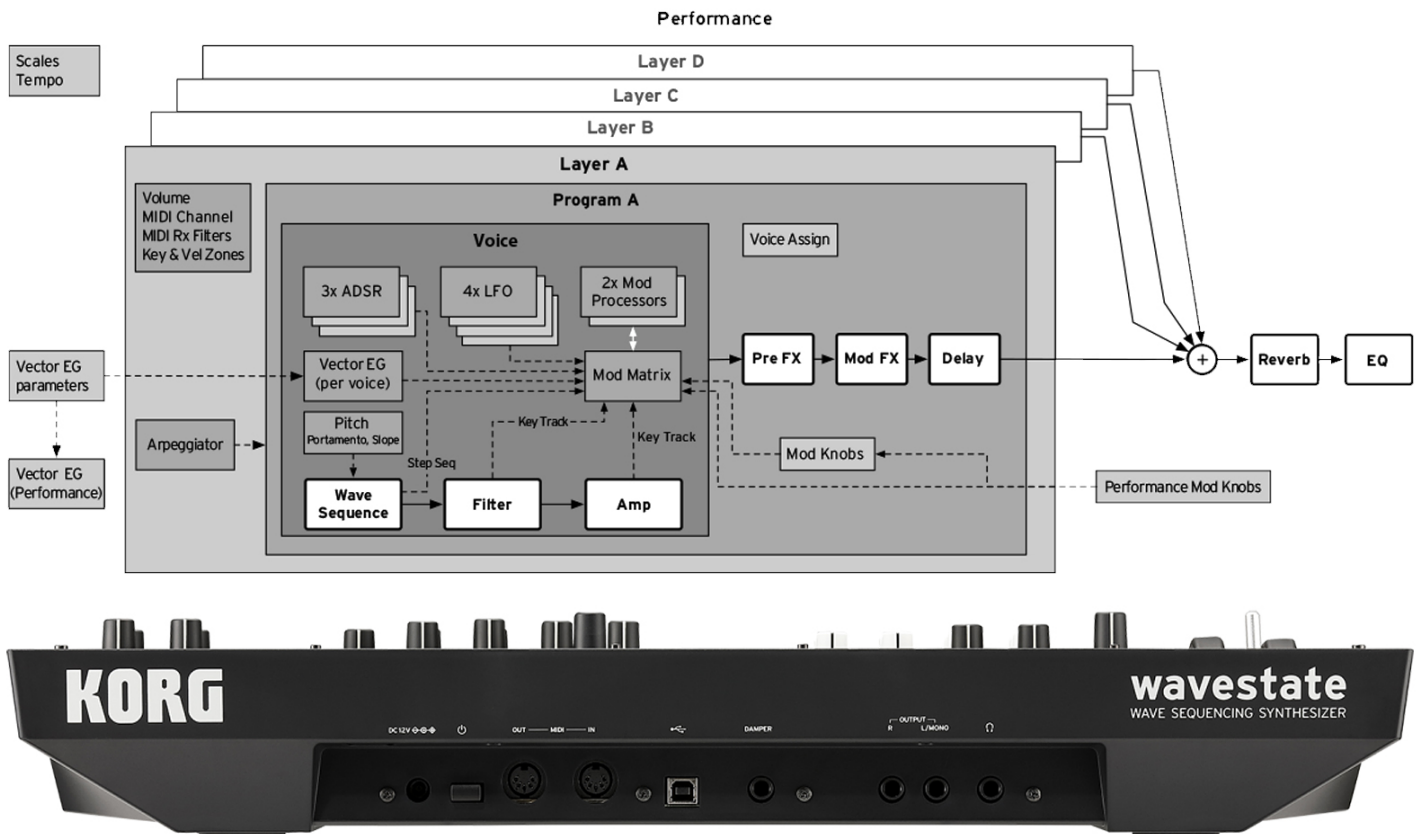


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Betreffend Anschlüsse ist das Instrument mit dem Nötigsten versehen. Etwas schade, dass keine Anbindung an die modulare / analoge Welt vorgesehen zu sein scheint. Eine CV MOD IN Buchse oder das – für aktuelle Korg Klein-Synthesizer typische (analoge) SYNC IN – wäre interaktives Wavetable Sequencing etwa das Tüpfelchen auf das i gewesen.

Dennoch ist das Leistungspaket des Korg Wavestate Synthesizers natürlich enorm. Wir freuen uns daher auf die handliche Wavestation der neuen 20er Jahre ...



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Korg Wavestate

**Polyphoner digitaler Synthesizer
mit Vektor-Synthese, Wave Sequencing 2.0, Arpeggiator
und 64 Stimmen / 4 Layers**

Links:

www.korg.com/de/products/synthesizers/wavestate