Waldorf Crema

Pad Machine & String Ensemble

Dual Engines

- Two engines (Texture & Lines) providing dual timbral layers
- Layered as well as individually playable
- Effect section with two slots for modulations effects, reverb and shimmer.
- Individual routings for both engines.
- Layered or split by note range and/or MIDI channel

Texture

- 24 types based of three synthesis modes: Strings, Wavetable & FM
- Ensemble effect from Streichfett available for all three synthesis modes

Strings

- Original full polyphonic string engine from Waldorf's Streichfett string machine
- Attack & Release envelope
- Modulations: Position (Animate), Vibrato & Phaser

Wavetables

- Wavetable synthesis using classic Waldorf Wavetables and new ones
- Virtual-analog filter
- 3 ADSR envelopes: Wavetable, Filter & Amplitude
- Modulations: Position (Animate), Vibrato, Cutoff
- Modulation can be controlled by ModWheel and Aftertouch

FM

- Six 4 operator FM algorithms including feedback
- Two ADSR envelopes: FM Amount & Amplitude
- Modulations: FM Amount (Animate), Vibrato
- Modulation can be controlled by ModWheel and Aftertouch

Lines

- Polyphonic virtual analog synth based on Waldorf's Streichfett solo engine
- Two detunable oscillators based of Square or Saw shapes
- Two phase envelopes (Attack/Decay or Attack/Sustain/Release)
- Modulation: Tremolo, Vibrato & PWM

Effects

- Two effect slots routable in series and parallel
- FX1: Chorus, Phaser, Flanger, Drive, Tremolo, Delay
- FX2: Reverb + Shimmer

Voices

- 2 timbral layers: Texture & Lines
- Texture: Strings („Streichfett“) full polyphony, otherwise 12 voice polyphony
- Lines: 8 voice polyphony
- MIDI-split by note and/or channel
- Lines: Mono & Legato modes

Performance features

- Advanced Arpeggiator
- Individually assignable to Texture and/or Lines
- Step-sequencer with up to 32 steps & scale mode
- MPE Compatible
- MIDI CC Learn

Patches

- Over 130 factory patches
- Capacity of 360 patch memory slots
- Category filter for patch list
- Import- and export of patches via MIDI Sysex
- Free Waldorf librarian „Chutney“ as standalone app for macOS & Windows

Connections

- Stereo Audio Out with 6.35 mm jacks with optional mono and TRS stereo connections
- Headphones mini TRS output
- DIN MIDI IN & Out, mini-TRS Type A (two adapters to DIN MIDI sockets included)
- USB Type C for power supply and USB MIDI connection
- Firmware updates via USB

Overall

- Sturdy metal front plate on a colourful plastic case
- Dimensions: 252 mm wide by 170 mm depth by 48 mm height (including controls)
- Weight: 0.9 kg
- Power Supply via USB (not in the box)

What’s In the Box?

- Waldorf Crema Synthesizer
- Two MIDI adapters: mini TRS to DIN sockets
- USB C to C cable
- Printed Quick Start Guide