Waldorf Iridium Keyboard with polyphonic (!) aftertouch

After introducing Iridium synthesizer in a compact desktop form, Waldorf takes the concept further forward with the Iridium Keyboard. It boosts a 49-key FATAR TP/8SK semi-weighted polyphonic aftertouch keyboard, an expanded front panel (one-knob-per-function controls) and six freely-programmable Macro buttons.

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There are – like with the desktop version – a large number of filter types (including a dedicated “Quantum” filter type), sequencer, arpeggiator and, in addition to the classic digital connections , various CV/gate connections.

Unchanged: The 16-voice polyphony. Also unchanged: the digital filters. New: The luxurious surface. The keyboard with polyphonic aftertouch. Macro buttons for flexible performances.

FEATURES

Waldorf Iridium Keyboard

- 16-voice polyphony, duo-timbral
- Compatible with the Waldorf Quantum synth engine

3 Oscillators

Oscillator Modes:

- Wavetable
- Waveform (VA)
- Particle (Sampling and Granular Sampling)
- Resonator
- Kernels (up to 6 sub-oscillators which can be interlinked through FM at audio rate)

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3 Stereo Filters per voice
True stereo path

Dual Digital Filter:

- Two filters with independable modes
- 12/24dB LP/HP/BP in all combinations
- Nave, Largo, PPG, Quantum and StateVariable models

Digital Former:

- Filter models from Waldorf Nave, Largo and PPG in HP/LP/BP/Notch
- Comb filter
- Bitcrusher
- Drive
- RingMod
- StateVariable mode

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- Analyzer displayed in Filter view
- Filter curve moves when modulated (optional)
- Sophisticated filter routing options with modulatable panning and levels

Modulators:

- 6 Envelopes
- 6 LFOs
- Komplex Modulator (LFO/Envelope combination with user-definable shape)

Mod Matrix:

- 40 slots
- Fast assign mode
- One additional control amount per slot
- Identical Sources and Destinations can be used multiple times until the matrix is full

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Keyboard:

- 49 keys Fatar TP/8SK keyboard
- Semi-weighted sensitive keys with polyphonic aftertouch
- Latch mode

Performance features:

- Arpeggiator
- Step sequencer with up to 32 steps for notes and parameters
- Favorites screen for quick patch recall
- Mod Wheel, Pitch Bend and Poly-Aftertouch
- MPE capable
- 6 Macro buttons (six freely-programmable buttons to switch on and off functions)

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Screen:

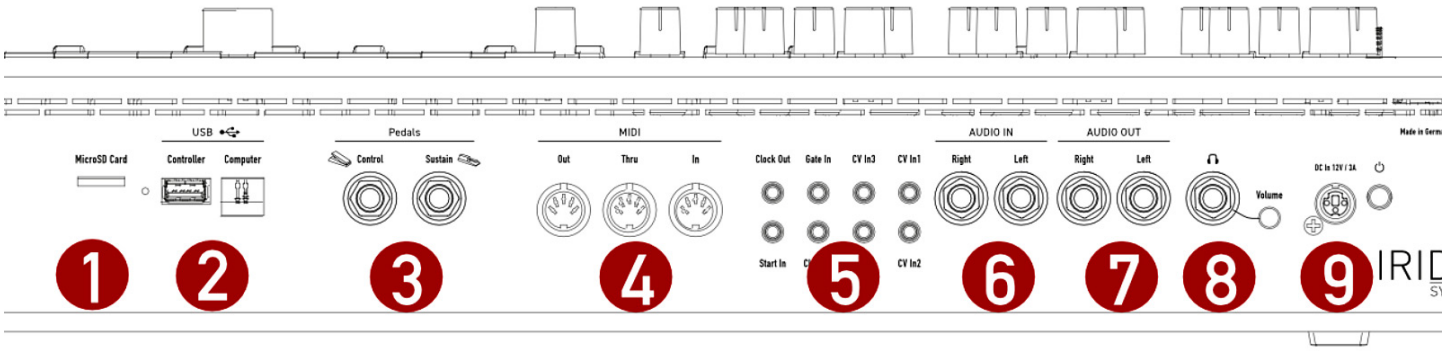
- Industrial-grade highly responsive touch screen

Patches:

- Over 1000 factory sounds
- Capacity of 7000 patch memory slots (numbers 0000-9999 can be used)
- Patches from Quantum can be loaded and vice-versa
- Category filter for patch list
- 2GB user sample flash memory

Connections:

- 2x TS output
- 2x TS input
- Headphones output with Gain control
- DIN MIDI In/Out/Thru
- USB Type B for MIDI connection to computers / DAWs
- USB Type A for direct connection of storage devices and MIDI controllers
- MicroSD slot
- Kensington® lock



1)	MicroSD card port	6)	Stereo audio inputs
2)	USB 2.0 connections	7)	Stereo audio outputs
3)	Pedal inputs	8)	Headphones output with Volume control
4)	MIDI Thru, MIDI Out, MIDI In jacks	9)	Power Supply jack & power switch
5)	CV/Gate/Clock connections		

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CV connections:

- 4 CV inputs plus Gate In, Trigger In, Clock In, Clock Out
- Inputs can be used as modulation sources in the Mod Matrix

Overall:

- Sturdy metal case
- Dimensions: 851 mm wide by 355 mm depth by 110 mm height (including controls)
- Weight: 14 kg

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Iridium keyboard contains 1680 sounds from first-rate sound-designers such as Howard Scarr, Richard Devine, Kurt Ader, BT, Matt Johnson, Reinhold Heil, Jörg Hüttner, Mike Huckaby, Thorsten Quaeschning and Sascha Dikiciyan.

Video 1:

Video 2:

Waldorf Iridium Keyboard

16-voice duo-timbral synthesizer
3 oscillators, 3 stereo-filter per voice
digitaler former (Bitcrusher etc.), mod-matrix (40 Slots)
sequencer, arpeggiator and a keyboard with polyphonic aftertouch

Price:
2.849 Euros

Link:
www.waldorfmusic.com