

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 boasts 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.



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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

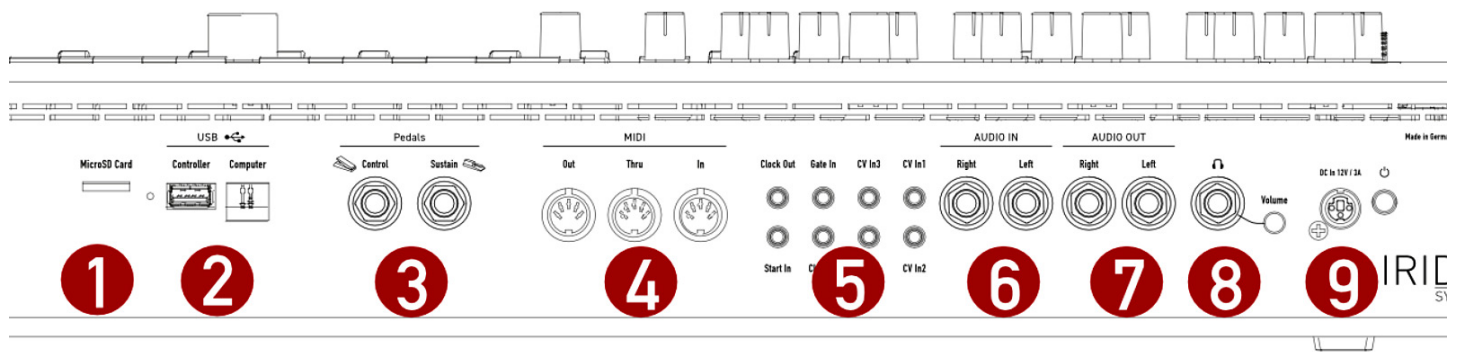
Patches:

- 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

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|----|------------------------------------|----|---------------------------------------|
| 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