

IK Multimedia UNO Synth - Zvučni modul

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Kategorija proizvoda: Sound Moduli

Proizvođač: IK MULTIMEDIA

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What's New in UNO Synth

Firmware 1.1.1

Access full ADSR envelope controls by holding ENV

Access full ADSR envelope controls by holding FILTER

USB now supports MIDI out

MIDI can now be routed from USB to DIN and vice versa

Added a visual indicator if a preset has been edited and not saved

The days of compromise are over.

Now everyone can own a real analog synth with professional sound.

And UNO Synth is proudly made in IK's own Italian manufacturing facility to ensure the highest quality standards. Like the majority of IK hardware products, UNO Synth is built using a combination of IK's state-of-the-art, automated mounting machines and test systems and fine, renowned Italian craftsmanship.

Seasoned synth professionals and beginners alike will love UNO Synth's high-quality, pure analog audio path and its ultra-compact form factor. With both classic and modern synth sounds instantly at hand, UNO will put a smile on the face of synth fans of every musical genre. All this in a synth module that can be easily carried anywhere.

Electronic music lovers or first-time synth users will get instant satisfaction from this affordable, easy-to-use instrument even if they are new to analog synths or synth programming. Thanks to its onboard presets and easy-to-play keyboard with selectable scales and arpeggiator, UNO Synth is the perfect gateway into the synthesizer world.

Great sounding true-analog audio path

Beneath its miniature exterior, UNO Synth packs a powerful, fat and rich-sounding synthesis engine with a full analog audio path on par with professional synthesizers costing much more.

All-analog audio path with 2 VCOs, noise generator, resonant multimode VCF and VCA

2 independent VCOs with Saw, Triangle, Pulse waveforms with continuously variable shape including PWM of the square wave plus a separate white noise generator

A 2-pole OTA-based analog resonant sweepable multimode filter with LPF, HPF and BPF

Custom-designed, dual-stage overdrive that provides filter input overdrive for classic synth saturation tone, from subtle warming to aggressive distortion

LFO with Sine, Triangle, Square, Up Saw, Down Saw, Random and Sample-and-Hold to modulate Pitch, Filter, Amp and continuous oscillator wave shapes including PWM

This highly flexible synthesis engine not only excels in producing the rich, warm, punchy, deep bass sounds that are the core of a high-quality monophonic synth, it's also perfectly designed to bring a wide sonic palette of leads, drones, arps, sequences, sweeps and effects.

While UNO Synth is monophonic nature, its two independent oscillators can be tuned differently to also generate interesting pad-like interval sounds as well as octaves. Pulse width modulation of each oscillator provides the ability for a single oscillator to sound like two while the second oscillator can be tuned to an octave or interval for advanced modular-style timbres from the greatest classic synths.

The pure analog filter brings all the warmth and depth you expect from a real analog synth. The multimode resonant filter can be used for subtle tonal modification or screaming aggressive resonant sweeps. A custom-designed overdrive circuit lets you easily dial in modern saturated tones. And of course, you can modulate the filter with the filter envelope, LFO and performance buttons, as well as automate it in the sequencer and via external MIDI controllers.

The built-in delay effect, synchronized with UNO Synth tempo settings, further expands its sonic palette and the type of sounds it can generate, adding depth to repeating arpeggio or sequence patterns as filter and oscillator parameters are modulated and adjusted on the fly.

And thanks to its precision controlled self-tuning circuit, UNO Synth will always be ready for any performance, avoiding the hassle of manual tuning.

Ease-of-use with powerful programming

UNO Synth comes with 100 grab-and-go presets (80 fully rewritable), making it ready to play right out of the box. Each preset not only includes the sound programming, it also includes an associated arpeggio and sequence for even greater musical expression and portable sonic power.

This makes it easy for everyone to find the perfect sound, and beginners and professional producers alike will have great inspirational starting points to make working with the UNO Synth faster, more productive and more enjoyable.

Over 40 onboard controls are available on the UNO Synth's top panel to give direct real-time access to its synth engine parameters, for immediate sound sculpting capability, with no deep menus to scroll through. For added power, a Mac/PC editor is available to fully control UNO Synth with a computer and program, store and manage an unlimited number of presets.

The UNO Synth's generous 27-note on-board multi-touch keyboard offers over two octaves of sound control as both a chromatic keyboard or as a predefined scale keyboard. With a selection of 13 available scales, you can always be in tune with your performance with ease, or take inspiration from scales in a new style. The multimode built-in arpeggiator with 10 different arpeggio modes and a 4-octave range makes UNO Synth a joy to play for keyboardists and non-keyboardists alike.

The UNO Synth keyboard also doubles as a step-edit control for its built-in sequencer. Sequences can be

programmed both in real-time or in steps and include up to 20 synth parameters for every step, making the UNO Synth sequencer among the most powerful in its class.

Five instant performance modulations are also available (Dive, Scoop, Vibrato, Wah and Tremolo) to further enhance UNO Synth's real-time playability. These provide instant dynamic expression to bring your analog synth performances to life just like the most advanced players.

In the bag

To protect your UNO Synth when you're carrying it around, you can order the UNO Synth Travel Case, a durable, 100% polyester case featuring a stitched-in UNO Synth logo.

Size: 11.8" (30cm) x 7.8" (20cm) x 3.1" (8cm)

Features

All-analog audio path with 2 VCOs with continuously variable waveshape, noise generator, resonant multimode VCF and VCA

2 independent analog VCOs with Saw, Triangle and Pulse waveforms with continuously variable shape including PWM of the square wave and a separate white noise generator

A 2-pole multimode OTA-based sweepable analog resonant multimode filter with LPF, HPF, BPF

LFO with Sine, Triangle, Square, Up Saw, Down Saw, Random and Sample-and-Hold to modulate Pitch, Filter and Amp

AD (Filter) + AR (Amp) envelopes (full ADSR control available via MIDI CC or software editor)

40 onboard controls and LED display

100 onboard presets

10 mode, 4-octave arpeggiator

Real-time and step edit 16-step sequencer with 20 automatable parameters

Onboard multi-touch 27-note chromatic and scale keyboard with 13 scales

Sync Delay audio effect and 5 performance effects

Self-tuning with auto-tune calibration

USB MIDI and 2.5 mm jack MIDI IN/OUT (cables included)

Audio In to daisy chain other audio devices with no need for a mixer

Mac/PC/iOS Editor

Complete MIDI implementation with all parameters and clock can be controlled via MIDI CC

Battery (4xAA Alkaline, Ni-Mh) or USB powered

Ultra-portable and lightweight

Designed and made in Italy