

Arturia MicroFreak - hybrid synthesizer

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Proizvođač: Arturia

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Whether you're looking for your first, affordable hardware synth or are a collector looking for original sounds and unique interface, MicroFreak is the synth you need.

This out-there little music machine features a versatile digital oscillator so you can create rare and interesting sounds with ease. Modes like Wavetable, KarplusStrong, Harmonic OSC, and Superwave give adventurous musicians the chance to explore totally

new, unheard possibilities. Like having dozens of synths in just one instrument, both wild-eyed newcomers and seasoned professionals will fall in love with MicroFreak's flexible, powerful synth engine.

Small but fierce

MicroFreak packs so much in to such a compact instrument, you'll wonder how we did it. We'd love to say it was magic, but it was pure skill and passion.

Physical modelling, wavetable synthesis, virtual analog, there is nothing as complete and exciting as the MicroFreak oscillator on the market. It's hard to believe from such a small synth, but here it is, ready for you to explore. Excite your creativity and reward your curiosity with a large, diverse sound palette. MicroFreak features 12 awesome oscillator modes, 5 bespoke Arturia engines, and 7 modes from Mutable Instruments. There's a little freak inside you, and this instrument will bring it out.

The best of both worlds

Even though MicroFreak has a digital oscillator at its heart, "opposites attract" as the saying goes. That's why we've included a lush-sounding analog filter.

Inspired by the trailblazing 12-dB SEM filter, you can make MicroFreak's filter scream or whisper to taste. The filter is state-variable, and can even auto-oscillate! You can use this in any way you like, from taking the edge of the razor-sharp wavetable sounds, or automating the cutoff by modulating it with keyboard pressure or the in-built sequencer.

Wait. Did we mention that MicroFreak has a sequencer? And a mod matrix? Things are about to get seriously interesting...

Taste the spice, throw the dice

MicroFreak is packed with unique, exciting features that let you create music with a fresh perspective.

Record up to four automations, edit notes per step or use the innovative Spice and Dice sequencer functions to find happy accidents. Add randomization to create evolving, original patterns, and virtually rewire and reconfigure its signal chain and controls with the 5x7 modulation matrix.

This truly is a budget-friendly synth like no other.

"That's a funny looking keyboard"

That's right, it is. It isn't really even a keyboard. It's a PCB. Super-flat, with no moving parts. Will it track lightning-fast synth solos? You bet. Better than a traditional keyboard, actually.

Will it let you be expressive? Of course, it's not only pressure sensitive, but also offers poly-aftertouch. This means each key can control parameters in a different way depending on how much you touch.

You can also use its USB, MIDI, and CV outputs to control instruments in your DAW and modular synths. This

also means that you can also use MicroFreak as a controller to experience polyphonic aftertouch with cutting edge software instruments.

Box contents
MicroFreak unit
Power supply

Size & weight

Instrument size : 12.2 x 9.2 x 2.2 inches (311 x 233 x 55mm)
Instrument weight : 2.3 lbs. (1.02 Kg)

Main Features

Synthesizer with 256 preset slots and 160 factory presets
13 Digital oscillator with variable mode, including Mutable Instruments Plaits engines
Analog State Variable Filter, 12dB/octave, resonant, Low Pass, Band Pass, High Pass
ADSR envelope
Cycling Envelope offering two modes
Envelope
LFO
LFO with Sync: Sine, Tri, Saw, Square, Random, Slew Random
Modulation matrix with 5 sources and 7 destinations (3 custom destinations)
Monophonic or Paraphonic modes - Up to 4 voices
Chord mode lets you program a chord shape and play it on any note
Scale Quantize lets you set a specific scale for the white notes to simplify the creative process
25-key capacitive keybed with polyphonic aftertouch
Capacitive touch strip
Crisp OLED display for editing and parameter values
Powerful arpeggiator
Up, Order, Random, Pattern modes
Spice & Dice Gate randomizers
64-step sequencer
2 patterns per preset
4 automation tracks per preset
CV / Gate / Mod outputs
USB, Clock and MIDI in and out
6.35mm master and 3.5mm headphone output