

Sequential Prophet-6 Keyboard

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<p>Šifra: 18323 Kategorija proizvoda: Sintisajzeri Proizvođač: Sequential</p> <p>Cena: 425.880,00 rsd Oscillators</p>	<p>2x discrete VCOs per voice Wave Shape per Oscillator (Continuously Variable): Triangle, sawtooth, pulse, and square Pulse width per oscillator Hard Sync: Oscillator 1 syncs to oscillator 2</p> <p>Triangle Sub-Octave Generator: Oscillator 1 per voice Low Frequency Mode: Oscillator 2 Keyboard Tracking: On/off (oscillator 2) Oscillator Slop: For increased tuning instability, from subtle to extreme</p>
<p>Mixer</p>	<p>Oscillator 1 amount Oscillator 1 sub-octave amount Oscillator 2 amount White noise amount</p>
<p>High Pass Filter</p>	<p>2-pole, resonant, high-pass filter per voice Bi-polar filter envelope amount Velocity modulation of envelope amount Keyboard Tracking: Off, half, full</p>
<p>Low Pass Filter</p>	<p>4-pole, resonant, low-pass filter per voice Filter can be driven into self-oscillation with the Resonance control Bi-polar filter envelope amount Velocity modulation of envelope amount Keyboard tracking: Off, half, full</p>
<p>Envelope Generators</p>	<p>Filter Envelope: Four-stage (ADSR) envelope generator Amplifier Envelope: Four-stage (ADSR) envelope generator with velocity modulation of envelope amount</p>

LFO	<p>5x Wave Shapes: Triangle, sawtooth, reverse sawtooth, square, and random (sample and hold)</p> <p>Clock sync (internal or external MIDI clock)</p> <p>Initial amount</p> <p>Mod Destinations: Oscillator 1 frequency, oscillator 2 frequency, oscillator 1 and 2 pulse width, low-pass filter cutoff, high-pass filter cutoff</p>
Poly Mod	<p>Sources: Filter envelope (bi-polar) and oscillator 2 (bi-polar)</p> <p>Destinations: Oscillator 1 frequency, oscillator 1 shape, oscillator 1 pulse width, low-pass filter cutoff, high-pass filter cutoff</p>
Aftertouch	<p>Source: Channel (mono) aftertouch with bi-polar amount</p> <p>Destinations: Oscillator 1 frequency, oscillator 2 frequency, LFO amount, amplifier envelope amount, low-pass filter envelope amount, high-pass filter envelope amount</p>
Clock	<p>Master clock with tap tempo</p> <p>BPM control and display</p> <p>MIDI clock sync</p>
Arpeggiator	<p>Selectable Note Value: 16th note, 8th note triplet, 8th note, dotted 8th note, quarter note</p> <p>1, 2, or 3 octave range</p> <p>Up, down, up/down, random, and assign modes</p>
Sequencer	<p>Polyphonic Step Sequencer: 64 steps and rests</p>
Effects	<p>Stereo analog distortion</p> <p>Dual, 24-bit, 48 kHz Digital Effects: Reverb (room, hall, plate, spring), delay (full bandwidth digital delay and emulated bucket brigade and tape delays), chorus, and phase shifter</p> <p>Delay sync</p> <p>True Bypass: Maintains fully analog signal path when digital effects are off</p>

Controls	<p>Keyboard: Full-sized, semi-weighted, 4-octave with velocity and aftertouch</p> <p>Pich Wheel: Backlit, spring-loaded with selectable range per program (1 to 12 semitones up and down)</p> <p>Mod Wheel: Backlit</p> <p>Transpose: 8 octave range</p> <p>Hold Switch: latches held notes on</p> <p>Polyphonic Glide: Portamento</p> <p>Unison (Monophonic) Mode: Configurable voice count, from one to all six voices, and key modes</p> <p>Preset Switch: When off, the front panel is live; what you see is what you hear</p>
Patch Memory	<p>1000 Programs: 500 user / 500 factory programs in 10 banks of 100 programs each</p> <p>Direct Program Access: Prophet 5-style single-button access to the current set of 10 programs</p>
Input & Output	<p>Left/Mono & Right Audio Outputs: 2 x 1/4" / 6.35 mm phone jack</p> <p>Headphone Output: Stereo, 1/4" / 6.35 mm phone jack</p> <p>MIDI: In, out, and thru ports</p> <p>USB: Bi-directional MIDI communication</p> <p>Low-pass filter cutoff expression pedal input</p> <p>Volume expression pedal input</p> <p>Sustain footswitch input</p> <p>Sequencer start/stop footswitch input</p>
Power	<p>100/240 volts at 50/60 Hz</p> <p>Power Consumption: 30 W maximum</p> <p>IEC AC power inlet for internal power supply</p>
Dimensions	<p>32.0 x 12.7 x 4.6" / 81.3 x 32.3 x 11.7 cm</p>
Weight	<p>20.0 lb / 9.1 kg</p>

Packaging Info

Package Weight	13kg
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Vintage with a Modern Twist

The Prophet-6 is Dave Smith's tribute to the poly synth that started it all—the Sequential Prophet-5. But it's not simply a reissue of a classic. Rather, as Dave puts it, "It's the result of our effort to build the most awesome-sounding, modern analog poly synth possible." The Prophet-6 takes the best qualities of the original Prophet-5—true voltage-controlled oscillators, filters, and amplifiers—and adds enhancements such as studio-quality effects, a polyphonic step sequencer, an arpeggiator, and more. The result is pure, unadulterated analog tone with the stability and reliability of a state-of-the-art modern synth.

Classic Tone, Classic Vibe

Central to the warm, punchy sound of the Prophet-6 are its two newly-designed, discrete voltage-controlled oscillators (plus sub-oscillator) per voice. Continuously variable waveshapes provide the tonal palette with triangle, sawtooth, and variable-width pulse waves. There are two discrete filters per voice—a four-pole, resonant, low-pass inspired by the original Prophet-5 filter, and a two-pole, resonant, high-pass filter. Voltage-controlled amplifiers complete the all-analog signal path.

Dual Effects

The dual effects section provides studio-quality reverbs, delays (standard and BBD), chorus and phase shifter. While the effects themselves are digital, with 24-bit, 48 kHz resolution, a true bypass maintains a full analog signal path. There's also an independent stereo distortion effect, which is 100% analog.

Poly Mod and Poly Step Sequencing

Also present from its classic predecessor is a Poly Mod section, with enhancements. True to the original, modulation sources are filter envelope and oscillator 2 (both with bi-polar control). Destinations include oscillator 1 frequency, oscillator 1 shape, oscillator 1 pulse width, low-pass filter cutoff, and high-pass filter cutoff. Another welcome reprise is Unison mode, which features configurable voice count (1-6 voices) and key modes. The polyphonic step sequencer allows up to 64 steps and up to 6 notes per step. You can create sequences polyphonically, with rests, and sync to an external MIDI clock. The full-featured arpeggiator can be synced to external MIDI clock as well.

Easy to Program

The knob-per-function front panel offers instant access to virtually all Prophet-6 functions. Included are 500 permanent factory programs and 500 rewritable user programs. Toggling off the Preset button enables live panel mode, in which the sound of the Prophet-6 switches to the current settings of its knobs and switches. In this state, what you see is what you hear.

Easy to Play

All of this awe-inspiring sound is packed into a four octave, semi-weighted keyboard with velocity and channel aftertouch that's an ideal combination of portability and power for the project studio or the gigging musician.