

## Sequential Pro 3 – “Minimoog of the Year 2020” ?

Ok, ok, the Sequential Pro 3 is not a Minimoog. But 3 oscillators and 3 filters, a handsome, multi-angle tilt-up panel and full premium-grade walnut trim (SE version) ... the comparison is visible *somewhere*. However, the Minimoog always was one of Dave Smith’s favorite synthesizers, it led to the construction of that legendary “polyphonic Minimoog” aka Prophet-5 back in 1978 ...



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On the other hand, some features of the Pro 3 are far from a Minimoog. The triple analog filter, for example, or the extra wavetable oscillator. Just to name two examples.

### The features in detail:

#### 3 OSCILLATORS

- Two analog, voltage-controlled oscillators
- One DSP-based digital oscillator
- Analog oscillators produce three classic wave shapes: (triangle, saw, pulse) with variable shape modulation/pulse width on each
- Digital oscillator produce 32 digital wavetables of 16 waves each with wave morphing, plus classic wave shapes (sine, triangle, saw, variable-width pulse) and super saw
- Digital oscillator 3 can function as an LFO for complex wavetable-based modulation
- White noise generator
- Hard sync, per-oscillator Glide, Oscillator Slop



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### 3-VOICE PARAPHONIC PLAYABILITY

- 3-voice paraphonic mode with individually-gated envelopes per oscillator

### 3 FILTERS

- Three classic filter types
- Filter 1 is a 4-pole, 24 dB per-octave, Prophet-6™ low-pass filter
- Filter 2 is a classic, 4-pole, 24 dB per-octave, transistor ladder filter with optional resonance compensation
- Filter 3 is a 2-pole, 12 dB per-octave, OB-6™ state-variable filter. It can be continuously varied between low-pass, notch, and high-pass operation, with an optional band-pass mode.





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### 3 LFOS

- Three syncable LFOs with phase offset and slew per LFO
- Five waveshapes: triangle, saw, reverse saw, square, and S&H

### 4 ENVELOPES

- Four ADSR envelopes with delay (Filter, VCA, and two Auxiliary envelopes)
- Envelopes freely assignable to multiple modulation destinations
- All envelopes can repeat/loop



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#### DIGITAL EFFECTS

- Dual digital effects
- Stereo delay, BBD delay, chorus, flanger, phaser, ring mod, vintage rotating speaker, distortion, high-pass filter, super plate reverb

#### FEEDBACK AND DISTORTION

- Tuned feedback with Grunge for extra-aggressive tonal destruction
- Programmable analog distortion



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### 32-SLOT MODULATION MATRIX

- 32 slot modulation matrix with over 46 mod sources and over 171 mod destinations
- Modulation assignment buttons enable quick and easy modulation routing
- Mod Matrix runs at audio rates

### 4 CONTROL VOLTAGE INS & OUTS AND GATE OUT

- Four control voltage (CV) inputs and outputs for interfacing with modular synths and other CV-compatible devices
- Parameters that can be sent to CV outputs include oscillators, LFOs, envelopes, sequencer tracks and any other source within the modulation matrix. Runs at audio rates.
- Gate Out for triggering external CV-compatible devices. Any CV in can be used as a gate input.



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## 16-TRACK SEQUENCER

- Advanced sequencer with three modes: normal, gated, and trigger
- 16 tracks and 4 linkable 16-step phrases
- Per-step ratcheting, duration, and velocity
- Multiple playback modes: forward, reverse, forward/reverse, random
- Supports real-time/step input, rests, and variable-length sequences
- Syncs to MIDI clock and external audio and CV input
- Sequences freely assignable to any modulation destination

## ARPEGGIATOR

- Sophisticated arpeggiator with up, down, up+down, random, assign modes
- Syncs to MIDI clock and external audio and CV inputs
- Re-latching arpeggiation
- Runs concurrent with Sequencer for arpeggiated patterns with parameter automation





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## CONTROLS

- Over 60 knobs and 70 buttons enable deep, comprehensive editing with minimal menu diving
- Backlit pitch and mod wheels are easily visible in low-light situations and have a smooth, precise response.
- Independently adjustable upper and lower pitch wheel range
- Position-sensitive latchable touch slider for enhanced interactivity and control
- Full-sized, three-octave, semi-weighted keyboard with velocity and aftertouch

## MEMORY

- 512 user and 512 factory programs
- Playlist mode for generating easily accessible set lists of your favorite programs





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## IN/OUT

- 1 MIDI In, 1 MIDI Out, and 1 MIDI Thru/Out 2 port
- USB port for bidirectional MIDI communication
- 4 CV inputs (4 x 1/8" jack) with -10v to +10v voltage range
- 4 CV outputs (4 x 1/8" jack) with -10v to +10v voltage range
- 1 Gate Out (1/8" jack)
- 1 Sustain/footswitch input
- 1 Expression pedal input
- 1 External audio input (1/4" phone jack)
- Main stereo output (2 x 1/4" phone jack)
- Headphone out (stereo 1/4" phone jack)



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## POWER

- 1 universal IEC AC power inlet for internal power supply
- Operates worldwide on voltages between 100-240v, 50-60Hz, 30 watts maximum power consumption

## PHYSICAL SPECS

- Premium, 3-octave, semi-weighted Fatar keyboard
- 26.5" L x 13" W x 3.5" H (67.3 cm x 33 cm x 8.9 cm)
- Weight: 16 lbs (7.25 kg)



## PRO 3 / PRO 3 SE



A hybrid instrument, the Pro 3 features three classic analog filters (Prophet-6, OB-6, and ladder) and three oscillators (two VCOs and one wavetable oscillator) along with a powerful new 16-track sequencer, and the ability to connect with modular synths through its four control voltage ins/outs.

Part of this sonic versatility comes from the Pro 3's oscillators: Two voltage controlled oscillators provide traditional triangle, saw, and pulse waves with waveshaping, while a third digital wavetable oscillator provides 32 tables of 16 waves each with wave morphing.

The feature set of the Pro 3 is rounded out with a multimode arpeggiator, three LFOs, four loopable ADSR+delay envelopes, dual digital effects (delays, reverbs, and various time-based effects), tuned feedback, analog distortion, and extensive modulation possibilities.

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### Sequential Pro 3 / Pro 3 Special Edition

Hybrid Synthesizer with 3 oscillators / 3 filters

[Sequential Pro 3](#)

Price: 1599 USD

[Sequential Pro 3 Special Edition](#)

Price: 2099 USD

Website Manufacturer:

[www.sequential.com](http://www.sequential.com)