

## Which DSI Synth Should I Buy?

It all depends on what features you're looking for. The chart below shows how each synth differs.

FEATURE	Pro 3 / Pro 3 SE	PROPHET XL	PROPHET X	PROPHET REV2	OB-6	PROPHET-6	PROPHET 12 MODULE
Voices	mono/3-voice paraphonic	8 stereo, 16 mono, 32 paraphonic	8 stereo, 16 mono, 32 paraphonic	8-16	6	6	12
Split/Stack		2-way split/bi-timbral	2-way split/bi-timbral	2-way split/bi-timbral			2-way split/bi-timbral
Oscillators per voice	3	2	2	2 (plus sub osc, plus noise)	2 (plus sub osc, plus noise)	2 (plus sub osc, plus noise)	4 (plus sub osc)
Oscillator Type	2 VCOs 1 wavetable (32 tables with 16 waves per table)	digital with waveshaping	digital with waveshaping	analog DCO with waveshaping	analog VCO	analog VCO	digital
Superwaves	Supersaw on Osc 3	Yes, supersaw	Yes, supersaw				
Linear FM Synthesis (DX-style)							Yes
Digital Samples		Yes. Two 16-bit, 48 kHz multi-sampled instruments per preset	Yes. Two 16-bit, 48 kHz multi-sampled instruments per preset				
Analog Filters	3 individually selectable analog filters: 1 Prophet-6-style low-pass (custom discrete) 1 OB-6-style state-variable (custom discrete) 1 Transistor Ladder low-pass (custom discrete)	2 x analog 4-pole resonant low-pass filter per voice in 8-voice mode	2 x analog 4-pole resonant low-pass filter per voice in 8-voice mode	1 low-pass (Curtis) 2/4-pole operation	state-variable (custom discrete) low-pass, band-pass, high-pass, notch	1 low-pass (custom discrete) 1 high-pass (custom discrete)	1 low-pass (Curtis) 1 high-pass (custom discrete)
Effects	2 digital effects per program (Stere Delay, Bucket-Brigade Delay, Chorus, Flanger, Phaser, Ring Mod, High-Pass Filter, Vintage Rotating Speaker, Super Plate Reverb)  Analog Distortion Tuned Feedback	2 digital effects per layer (4 Reverb, Chorus, Flanger, Phaser, Stereo Delay, Bucket-Brigade Delay, Distortion, Ring Mod, Vintage Rotating Speaker, High-Pass Filter)	2 digital effects per layer (4 Reverb, Chorus, Flanger, Phaser, Stereo Delay, Bucket-Brigade Delay, Distortion, Ring Mod, Vintage Rotating Speaker, High-Pass Filter)	1 digital effect per layer (Chorus, Flanger, Phaser, Ring Mod, Mono Delay, Stereo Delay, Bucket-Brigade Delay, Reverb, Distortion, High-Pass Filter)	Dual digital effects processor (Chorus, Flanger, Phaser, Ring Mod, Delay, Bucket-Brigade Delay, Reverb - Hall, Room, Plate, Spring) Stereo Analog Distortion	Dual digital effects processor (Chorus, Flanger, Phaser, Ring Mod, Delay, Bucket-Brigade Delay, Reverb - Hall, Room, Plate, Spring) Stereo Analog Distortion	4 Digital Delays 5 Character FX (Girth, Air, Hack, Decimate, Drive) Feedback Stereo Analog Distortion
Mod Matrix	32 slots 46 sources 171 destinations	16 slots 28 sources 88 destinations	slots 28 sources 88 destinations	8 slots 22 sources 52 destinations	"X-Mod" 2 sources (Filter Env, VCO 2) 5 destinations (Freq 1, Shape 1, PW 1, LPF, HPP)	"Poly Mod" 2 sources (Filter Env, Osc 2) 5 destinations (Freq 1, Shape 1, PW 1, LPF, HPP)	16 x 2 26 sources 100 destinations
LFOs	3	4	4	4	1 global	1 global	4
Envelopes	4 (1 filter, 1 amplifier, 2 auxiliary)	4 (1 filter, 1 amplifier, 2 auxiliary)	4 (1 filter, 1 amplifier, 2 auxiliary)	3 (1 filter, 1 amplifier, 1 auxiliary)	2 (1 filter, 1 amplifier)	2 (1 filter, 1 amplifier)	4 (1 filter, 1 amplifier, 2 auxiliary)
Sequencer	16 steps x 16 tracks x 4 phrases	64-step, polyphonic seq	64-step, polyphonic seq	64-step, polyphonic sequencer 16 step x 4 track gated step seq	64-step, polyphonic seq	64-step, polyphonic seq	
Arpeggiator	Yes	Yes	Yes	Yes	Yes	Yes	Yes, programmable
CV In/Out	Yes, 4 x 4						
Ext Audio Input	Yes						
Performance Touch Slider	1	2	2				2
Desktop version available?				Yes	Yes	Yes	
Polychain					Yes, 12 voices max	Yes, 12 voices max	
Keyboard Length	3 octaves, 37 keys	6 octaves, 76 keys	5 octaves, 61 keys	5 octaves, 61 keys	4 octaves, 49 keys	4 octaves, 49 keys	
USB	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MIDI	In, Out 1, Out 2, Thru	In, Out, Thru	In, Out, Thru	In, Out, Thru	In, Out, Thru	In, Out, Thru	In, Out, Thru
Pedal Inputs	1 sustain, 1 expression	1 sustain, 1 expression, 1 sequencer	1 sustain, 1 expression, 1 sequencer	1 sustain, 1 expression, 1 sequencer	1 sustain, 1 volume, 1 LP filter cutoff, 1 seq start/stop	1 sustain, 1 volume, 1 LP filter cutoff, 1 seq start/stop	1 sustain, 2 expression
Recommended For:	A powerhouse mono synth/ 3-voice paraphonic synth. It has the depth of a modular and the CV connectivity to interface with one. Sophisticated multitrack sequencer ties into mod matrix and adds vast possibilities. Massive sound is well-suited to leads, basses, effects, complex evolving textures, and more. Nearly endless sonic possibilities.	This is 76-key, semi-weighted action version of the Prophet X is ideal for the studio or live performance. Super versatile, it has the power to modulate both samples and synth parameters. Great for traditional instruments such as piano, electric piano, organ, drums, strings, guitar, and also complex pads, effects, and evolving textures. Nearly endless sonic possibilities	Studio or live performance. Super versatile, it has the power to modulate both samples and synth parameters. Great for traditional instruments such as piano, electric piano, organ, drums, strings, guitar, and also complex pads, effects, and evolving textures. Nearly endless sonic possibilities	Thick, warm, analog sound. Massive 16-voice polyphony. Great for both vintage synth tones and complex sound design through its deep modulation matrix. Two-part sound stacking and splitting provides flexibility and timbral complexity. Two powerful sequencers add vast possibilities for music composition and sound design. Amazingly versatile and a true analog powerhouse.	Classic big, punchy, Oberheim analog sound. Excels at everything a vintage poly synth does, but with a broader tonal palette and greater reliability. Fat tone, ease of use, built-in effects, and portability make it a natural for on stage. Equally well suited to studio work due to its superb sound and ability to sit well in a mix. Along with the Prophet-6, sets the standard for modern analog poly synths.	Classic big, punchy, Prophet analog sound. Excels at everything a vintage poly synth does, but with a broader tonal palette and greater reliability. Fat tone, ease of use, built-in effects, and portability make it a natural for on stage. Equally well suited to studio work due to its superb sound and ability to sit well in a mix. Along with the OB-6, sets the standard for modern analog poly synths.	A sound designer and performer's polyphonic dream synth. Super versatile, it has the depth of a modular but is faster and easier to use. Crystal-clear tone is great for complex pads, effects, and evolving textures, but handles classic synth sounds equally well. Nearly endless sonic possibilities.