

PROPHET -T8



Sequential Circuits has done it again! Introducing the **PROPHET-T8**: a completely touch sensitive (velocity and pressure), fully programmable, 8-voice polyphonic synthesizer! The 76-note wooden keyboard (A to Q has been packaged in a compact design weighing less than 60 lbs. and measuring 48" long, 21" deep, and a scant 4 1/2" high. With 128 programs, this instrument is the most sophisticated 8-voice synthesizer ever.

The weighted action of the **PROPHET-T8's** keyboard is designed for precise musical control of the instrument. Keyboard velocity sensing is accomplished with solid state switching which provides a wider dynamic range than other methods currently available. This improved method of "reading" the keyboard accurately reflects the subtlety of your playing. Velocity sensitivity is fully adjustable and has been incorporated into the ADSR envelope generators, which allows touch control of all envelope parameters. The release time can also be controlled by the velocity with which the key is released. The Poly-Mod section provides additional flexibility by routing the velocity-controlled envelopes to other destinations, such as oscillator frequency or pulse width.

Each key has an independent pressure sensor which is activated by applying force to the key after it has been depressed. This "second touch" can be used to control frequency of Oscillator A and B, pulse width of OSCA and B, filter, amplifier, LFO amount, and LFO frequency.

The eight voices (16 oscillators) of the **PROPHET-T8** are assigned according to the four keyboard modes: SINGLE Mode sounds eight voices over all six octaves; DOUBLE Mode blends two different programs into each of four voices; SPLIT Mode divides the keyboard and allocates four voices to each side of the programmable "split point" with a different program for each set of four voices; UNISON/TRACK Mode combines up to eight voices on one note (these voices may be either the same pitch or arranged in a chord composed of up to eight notes).

A built-in real-time sequencer has been included in the **PROPHET-T8**. With a memory capacity of over 600 notes, this sequencer will record up to eight separate sequences and will remember all velocity information. Sequences can be played back in SINGLE-PLAY Mode or LOOP Mode.

Like the Prophet-5 (Rev. 3), the **PROPHET-T8** is always in Edit Mode. The T-8's oscillators have full wave form capability: triangle, sawtooth, and variable pulse width waves. A new envelope mode called ADR offers much more natural percussive envelopes (ADR Mode sets sustain **duration** to zero). Both ADSR envelopes have two programmed release settings; the second release value is selected with either the "Second Release" switch or the release footswitch. The Mod-Wheel can be programmed for an initial setting with the "Initial Amount" knob. A UNISON/TRACK Footswitch Jack has been added to the back panel; in performance, new chords can be easily locked in with a footswitch. The GLIDE function is fully polyphonic.

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