



INTRODUCING THE NEW PROPHET T8. THE "T" STANDS FOR TOUCH.

The new, fully programmable, eight voice Prophet T8 is the most responsive touch-sensitive synthesizer available to the professional keyboard player.

RESPONSIVE TO THE SUBTLETIES OF TOUCH.

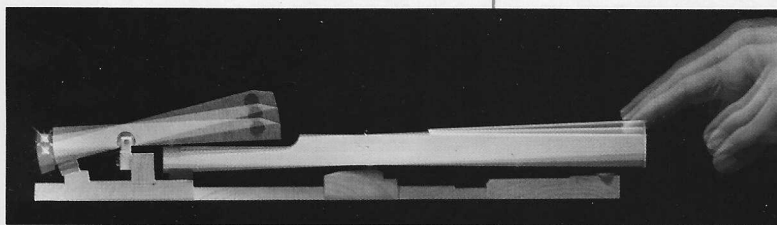
The differences begin with the new, extended 76 note (A-C) keyboard itself. The playing action resembles that of a finely crafted acoustic piano. Precisely balanced, individually weighted wooden keys respond positively to every nuance of your technique, providing unprecedented control over a synthesizing instrument.

Adjustable velocity and pressure sensitivity are both *standard* on the Prophet T8. Highly dynamic optical devices sense velocity in two ways: as keys are struck and as they are released. Unlike the mechanical leaf switches found on other "touch sensitive" keyboards, these specially designed optical sensors never affect the action, fall out of adjustment or need cleaning. Keyboard response is perfectly consistent from one



key to the next. The optical velocity sensors transmit detailed information about the rate of your physical attack to the corresponding "Attack/Decay" and "Release" controls located on the front panel. These rotary control pots alter the rate of change on the note envelopes and therefore, the timbre of the notes according to how hard you play. Two "Envelope Peak" controls, "Filter" and "Amp", adjust the degree of velocity sensitivity to suit your particular needs and technique.

Exclusive electro-optical sensing—the light touch that responds to your hardest playing. A true acoustic feel with action that's consistent over 6 (plus) octaves.



The pressure sensitivity of the Prophet T8 is superior to conventional designs. Each key has its own independent pressure sensor which lets you modify and

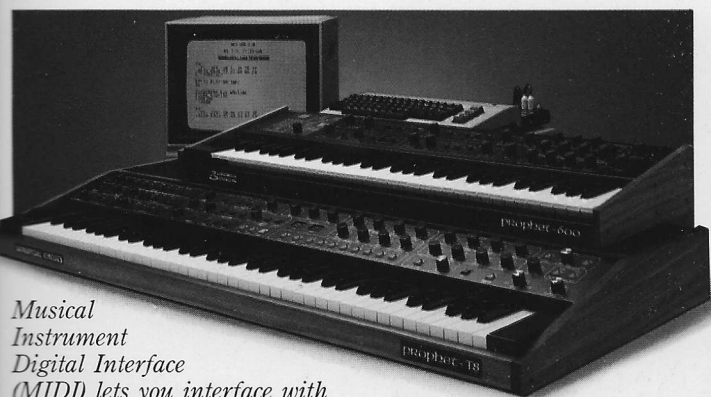
articulate the note according to any (or all) of seven variables: pitch (Sharp or flat, "Freq. A" and "Freq. B"), pulse width ("PW"), loudness ("Amp"), low frequency oscillation level ("LFO Amount"), low frequency oscillation rate ("LFO Freq."), and filtering ("Filter"). When more than one key is depressed, the resulting modulation is individually articulated, not monophonically averaged or based on the key that is pressed hardest, as on some pressure sensitive synths.

The eight voice Prophet T8 offers a choice of four keyboard modes: single, double, unison or split. In single mode, the same basic sound is played across the entire length of the keyboard. In double mode, different program patches are layered on top of each other so that two sounds are triggered by each key. In unison mode, all eight voices can be assigned to a single note, creating a very full, bold sound. The split



prophet-T8

The popular and very versatile Poly-Modulation section has been expanded and improved. In addition to inter-acting with the new velocity-sensing keyboard, Poly-Mod is now capable of generating inverted waveform envelopes, effectively multiplying a creative player's opportunities for generating new sounds.



Musical Instrument Digital Interface (MIDI) lets you interface with personal computers and other MIDI-equipped electronic instruments.

RESPONSIVE IN PERFORMANCE

The Prophet T8 was specifically designed and engineered to meet the practical demands of live performance.

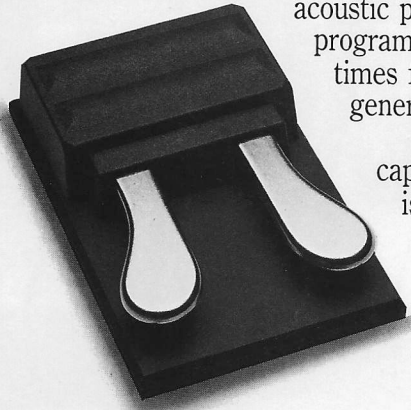
Unlike pushbutton synthesizers, the Prophet T8 utilizes rotary-controlled potentiometers which permit artists to quickly feel their way to the proper sounds, instead of having to compute them. Because the T8's control pots are "live" at all times, all it takes to alter a setting is to turn the appropriate knob. By contrast, it takes at least three moves to program new values into switch-based synths.

The new Prophet T8 has a built-in, non-volatile 670 note real time sequencer capable of remembering all keyboard velocity information. Tracks needed for composition or performance can be carefully laid down in advance at a fraction of their intended speed and later replayed as much as four times faster.



The back panel from left to right: Audio Outputs (Left, Right & Mono); Footswitch Inputs—three modes (Unison/Track, 2nd Release & Sequencer); Cassette—To & From jacks for external program storage; Record Enable/Protect switch (recessed); MIDI Input & Output interface connectors and switchable 110/220-volt A.C. power with fusing and main switch.

Another important new performance feature on the T8 is a "Second Release" switch which can be operated with a foot pedal. Comparable to a sustain pedal on an acoustic piano, it lets you program two separate release times for each envelope generator.



Despite its considerable capabilities, the Prophet T8 is completely portable: At 60 lbs., it has to qualify as *the* light weight heavyweight of programmable polyphonic synthesizers.

RESPONSIVE TO YOUR FUTURE NEEDS

The Prophet T8 is equipped with Musical Instrument Digital Interface (MIDI) back-panel connectors. MIDI is fast becoming a widely accepted standard format for interfacing microprocessor-based electronic instruments with each other and with personal computers. MIDI doesn't just mean that the T8 will interface easily and effectively with other drum machines, sequencers and synths. It also means the T8 will interface with the future.

Responsive to the touch.

Responsive in performance.

Responsive to your creative future.

Hands down, the Prophet T8 is the most responsive synthesizer for professional musicians.

We Listen to Musicians.

SEQUENTIAL CIRCUITS INC

Wine Country Productions, Inc.
1572 Park Crest Court, Suite #505
San Jose, California 95118 USA
Phone: (408) 265-2008 FAX (408) 266-6591
SEQUENTIAL Product Specialists Since 1987

SPECIFICATIONS

- Keyboard:** 76-key A-C wood keyboard with weighted-hammer action.
- Touch Response:** Independent pressure and velocity per key.
- Pressure:** 7 selectable destinations. Fully adjustable sensitivity.
- Velocity:** Approximately 30 dB envelope dynamic range.
- Programmer Section:** Two programmers: Left and Right. Each programmer stores 64 presets (user programmable).
- Voices:** 8-voice polyphonic in single mode, 4 voices for the Left programmer and 4 voices for the Right programmer in Split or Double mode.
- Voice Layout:** VCO's (2): Sawtooth, Triangle, 0-100% Pulse. Sync on OSC A. VCF: 4-pole lowpass (24 dB per octave). Variable resonance. Fully variable keyboard tracking.
NOISE SOURCE: One white noise generator.
ENVELOPE GENERATOR: Two ADSR-type. Full velocity control. ADR mode. Dual programmable release times.
- Power Requirements:** Domestic: 110 volts \pm 10% 50/60 Hz.
Export: 220 volts \pm 10% 50/60 Hz.
Power Consumption: 50 watts.
- Back Panel:** AUDIO OUT: Mono, Left, Right (1k unbalanced line level).
MIDI Jacks: In and Out.
FOOTSWITCH Jacks: Sequencer, 2nd Release, Unison/Track (switch-closure type).
TAPE IN/TAPE OUT.
RECORD ENABLE SWITCH.
- Standard Accessories:** Dual pedal.
- Sequencer:** 670 notes. Single or Loop playback mode. Includes velocity information.
- Weight:** 60 lbs. (27 kg).

