

the **CAT** electronic music synthesizer

IF YOU CAN FIND A MORE VERSATILE SYNTHESIZER FOR UNDER \$1600.00 . . .

BUY IT!

The CAT - the lowest priced professional-grade synthesizer available today. But don't let our low price fool you, the Cat is the most versatile and dynamic synthesizer you can find under \$1600.00.

Our quality is of the highest standard. Each unit is tested for maximum reliability and then rechecked by a quality control engineer to assure you of a rugged, low-priced unit. In addition, some of the features on the CAT are not even available on many units costing up to three times as much. For instance:

- our sub-octave feature on each of the two VCO's gives the unit an effective sound depth of four oscillators [unlike the ARP odyssey and mini-moog].
- our oscillators have waveforms that can be simultaneously mixed. [unlike the ARP odyssey and mini-moog].
- our VCO's and VCF can each be variably modulated from 6 different sources.
- our synthesizers can be connected in series with a common stereo cable.
- our synthesizer uses a combination of rotary controls, slide switches and color coded slide pots for ease of operation.

But don't take our word for it - the only way to really appreciate our CAT is to try one yourself. Compare it side-by-side with ANY other portable synthesizer and we're sure you'll find that the Cat is by far the best value on today's music market.

The CAT - proof that at OCTAVE, we build instruments for the most important people in the world . . . YOU.



the **CAT**

by **OCTAVE** Electronics Inc.



FEATURES

KEYBOARD

37 Notes (C to C). Transpose switch shifts entire instrument up or down 2 octaves; pitch bend has dead zone area and shifts unit by approximately 1 octave. Glide can be controlled by optional foot switch.

OSCILLATOR 1

Can be controlled by highest or lowest note on keyboard for monophonic or polyphonic playing. Can also be set on "FREE MODE" where keyboard has no effect.

Fine and coarse tuning.

Can be Synced to VCO 2

Waveforms - sawtooth, triangle, modulated pulse, sub-octave square, all simultaneously mixable.

OSCILLATOR 2

Controlled by low note on keyboard

Fine tune only

Waveforms - square, sawtooth, sub-octave square, all simultaneously mixable

TRANSIENT GENERATORS

ADSR generator with ADSR repeat which can be gated or continuous with rate determined by LFO. AR generator.

SAMPLE AND HOLD

Output can be patched to VC01, VC02 or VCF. Samples either noise source for random effects or VC01 outputs for ordered pattern.

NOISE

White noise generator with adjustable level.

FILTER

-24dB/octave voltage controlled low pass filter with adjustable "Q" can be used as a sine wave oscillator. Has a continuously variable keyboard control of cutoff frequency from 0 to 1V/octave. Cutoff can also be controlled by optional foot pedal.

VCA

Voltage controlled amplifier can be modulated by ADSR, AR, or can be bypassed.

LFO

Low frequency oscillator with rate of 0.2Hz - 20Hz. Triangle or square wave outputs can be patched to VC01, VC02 or VCF.

BACK PANEL JACKS:

- 1) Hi/low level outputs
- 2) Slave/master jacks allow synthesizers to be connected in series and played off of one keyboard
- 3) Glide switch input
- 4) Filter pedal input (can be used to modulate the VCF with an external source)
- 5) External audio input allows other instruments to be modulated by the VCF and VCA.

Dimensions: Depth: 19½"
Width: 24"
Height: 6"