



## SYNTHETONE SX 1000

THE SYNTHETONE SX-1000 is the result of an extensive research programme aimed at producing a light, compact and simple to operate synthesizer with the latest LSI technology at an amazingly low price.

It has all the main features of the most sophisticated professional synthesizers and its controls are logically arranged and colour-coded for easy identification and playing simplicity.

THE DIGITAL technology used provides the SYNTHETONE SX-1000 with a dependable accuracy, high tune stability and reliability under the most demanding circumstances.

It also means the combination of new standards of performance with minimum and easy servicing.

### SPECIFICATIONS

37-note **KEYBOARD** C to C.

**TUNE:** Master tuning for setting pitch to other instruments. Adjustable  $\pm 1/2$  tone.

**OCTAVE SELECTOR:** For setting range of the keyboard at 32', 16', 8' or 4'

**WAVEFORM SELECTOR:** For choosing the sound waveform among Sawtooth, Square and Pulse Width adjustable from 5% to 50%.

**PWM (Pulse Width Modulation):** It gives you automatic modulation on the pulse width and creates chorus, phasing and many other fabulous effects.

**GLIDE:** For automatic glissando between any two keys depressed. Adjustable speed.

Other **VCO (Voltage Controlled Oscillator)** include Output Level and Vibrato Intensity.

**LFO (Low Frequency Oscillator)** used to control

**VCO, VCF and PWM,** creates tremolo, vibrato, trill and repeated effects. Adjustable rate.

**NOISE GENERATOR** with white/pink switch and level control. It enables you to obtain wind, thunder, surf and other exciting effects.

**VCF (Voltage Controlled Filter)** changes the timbre of the sound by adding, subtracting or enhancing harmonics. Rotary controls adjust Frequency, Resonance, LFO Intensity and Envelope Level. the **ADSR (Attack, Decay, Sustain and Release)** controls will enable you to obtain the exact effect you are seeking.

**VCA (Voltage Controlled Amplifier)** with **ADSR (Attack, Sustain, Decay and Release)** controls will allow you to shape the volume of the note for percussive or any other effect which you require. Additional rotary control (Output Volume) adjusts the overall volume.

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