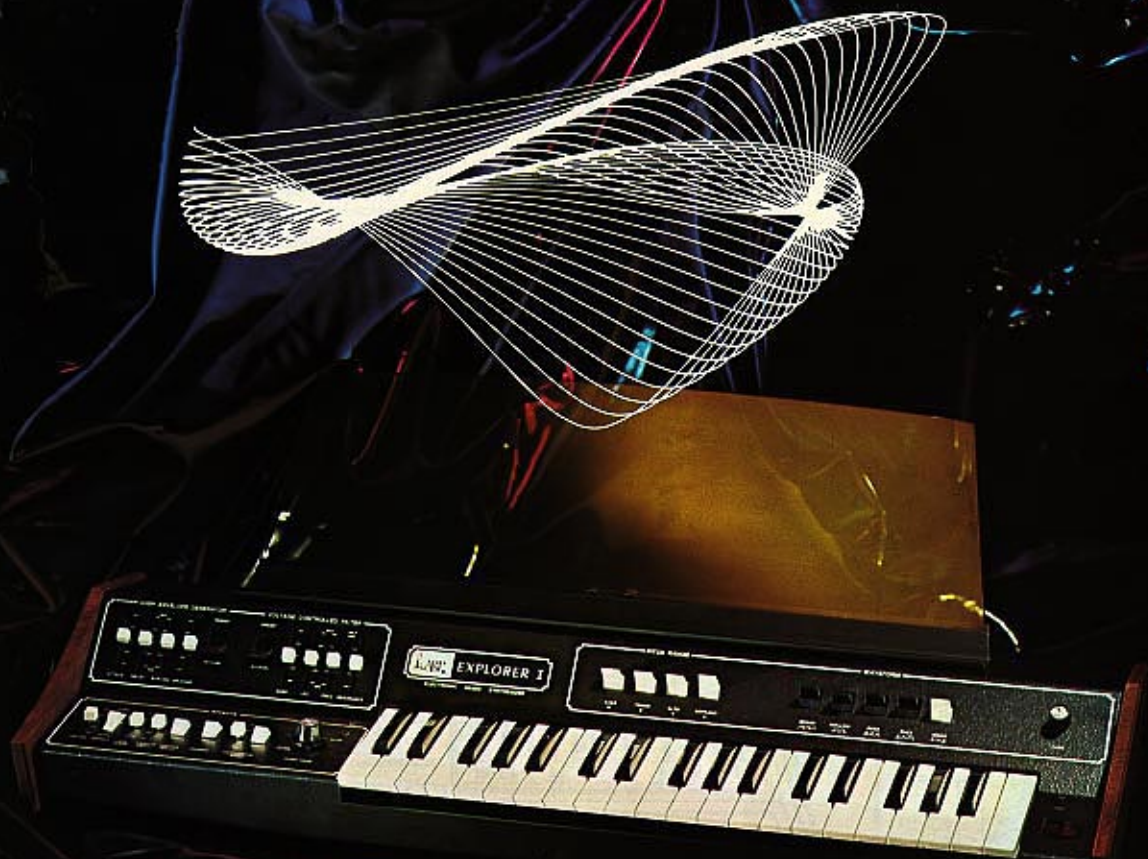


EXPLORER I



ARP

ARP EXPLORER I

Imagine a synthesizer which combines the flexibility of a variable-performance synthesizer with the ease of operation offered only by preset models. This unique combination is available in one superb instrument—the ARP Explorer I. Simply set the instrument on "Preset" and choose from an amazing array of astoundingly realistic sounds, such as trumpets, flutes, and clarinets; then switch to "Manual" and create hundreds of entirely new sounds, including unpitched effects like wind, thunder, surf, and an infinite variety of exciting electronic sounds.

A survey of the panel shows three separate sections designed for simple operation and a clear understanding of the controls. The section above the keyboard called "Pitch Range" and "Waveform" lets you choose not only one basic waveform and pitch range but all possible combinations of the available waveforms or pitch ranges. The number of different combinations is, of course, almost endless. These combinational tone sources let you produce a "heavy" sound that's unique to the Explorer I. Next, the sloping panel to the left includes the controls for the

envelope generator and filter. These controls put the attack, decay, and filtering of each note under your direct command, enabling you to adjust the tone color to suit your exact purpose. The section to the left of the keyboard, "Effects," offers controls for volume, repeat, delayed vibrato, bend, portamento, and pitchbend.

The Explorer I includes Hi Level and Lo Level outputs for easy connection to any guitar amplifier, electronic organ, P.A. or stereo system. Whatever your needs—professional gigs or personal enjoyment—the Explorer I is sure to enhance your every musical endeavor.

SPECIFICATIONS

Oscillator Waveforms: Sawtooth, Square, Narrow Pulse, Modulated—Width Pulse, and any combinations.

Noise Generator: Pink Noise Source. **Pitch Range:** 16' (Bass), 8' (Tenor), 4' (Alto), 2' (Soprano), and any combinations. **Pitch Bend control adds 32' Contrabass.**

Voltage Controlled Filter: Preset or Manual control. With adjustable Resonance. 24dB/octave rolloff for bright, lively brass sounds. Doubles as second Sine wave source.

Envelope Generator: Preset or Manual control. Completely adjustable Attack, Decay, Sustain, and Release functions. **Keyboard:** 37 notes.

Size: 33" x 12" x 4". **Weight:** 18 lbs.

EFFECTS CONTROLS:

Volume: Controls both high and low level outputs.

Tuning: Concert pitch, adjustable $\pm \frac{1}{2}$ octave.

Repeat Switch: Selects continuous repeat or keyboard triggered repeat.

LFO Speed: Determines speed of vibrato, tremolo, and repeat.

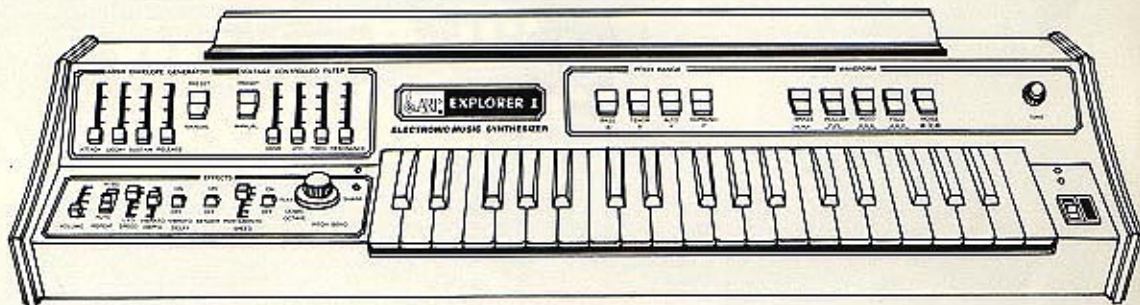
Vibrato Depth: From zero to ± 1 octave.

Vibrato Delay: Short delay, then vibrato fades in naturally for realistic and expressive playing.

Bender: Puts a "chirp" at the beginning of each note. An amusing comical effect.

Portamento: Lets you slide from note to note.

Pitch Bend: Bends notes up to one octave sharp or flat. With center "dead zone" for easy tuning. Can also be used to extend tuning range up to an extra octave beyond normal.



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