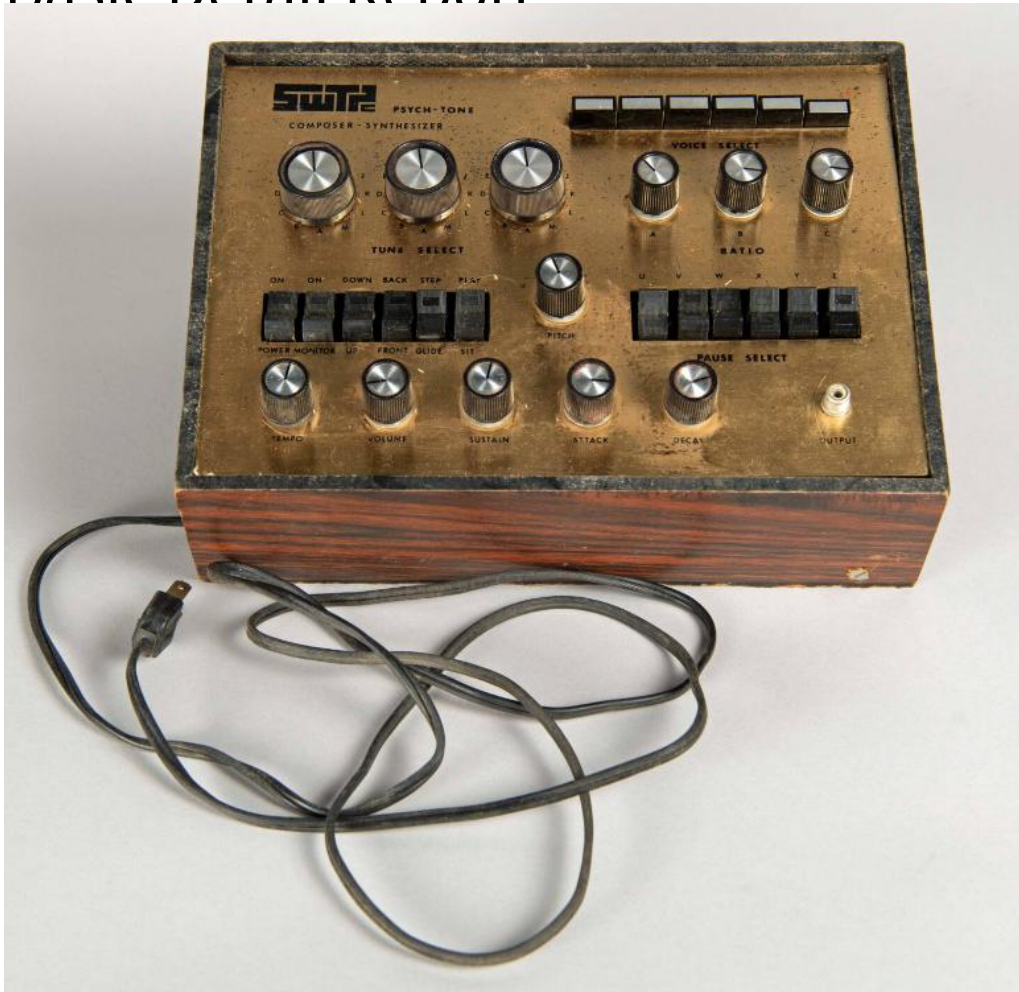


# Basic Detail Report



**Title** SWTPC Psych-Tone

**Date** c. 1973

**Primary Maker** Southwest Technical Products Corporation

**Medium** brass, metal, wire

**Description** SWTPC [Southwest Technical Products Corporation] Psych-Tone

Composer-Synthesizer, a programmable melody synthesizer with 28 controls

and a 63 note memory. Product description from Southwest Technical Products

Corporation Electronic Kits 1973 Catalog (p. 15): "A new and unusual approach

to music synthesis. The sounds produced by the Psych-Tone are modern - to say

the very least - and operation is simple. Basically a 'psuedo random' sequence

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generator which operates as a tune computer, the Psych-Tone allows variation of the tempo, voicing, selection of pauses and tone shaping. The internal digital computer may be set for 1728 different 63 note sequences. These may be selected and combined with any of 63 pause combinations to produce 108,864 different melodic lines. These may be played at almost any tempo, pitch, or volume; backward or forward. Six different voices are provided and the user has full control of the attack, sustain and decay functions. The wide flexibility of the controls makes possible sounds like a piano, violin, bagpipe, or something never heard before. On occasion, the music may sound familiar, but it is more likely to have science-fiction flavor with many wild tonal sequences. The Psych-Tone has an internal monitor speaker, but preferably, it should be used with an external amplifier having reverb and tremolo to get the most exotic sounds."

Dimensions Primary Dimensions (overall height x width x depth):  $4\frac{1}{2} \times 10\frac{3}{8} \times 7\frac{5}{8}$ in. ( $11.4 \times 26.4 \times 19.4$ cm)