

SYNTHI 100

ICONIC MODULAR MUSIC SYNTHESISER

Engineering Heritage Marker placed on 8 September 2016

This EMS Synthi 100 music synthesiser at the Melbourne Conservatorium of Music (MCM) was built in 1972. One of about 30 manufactured by EMS in London.

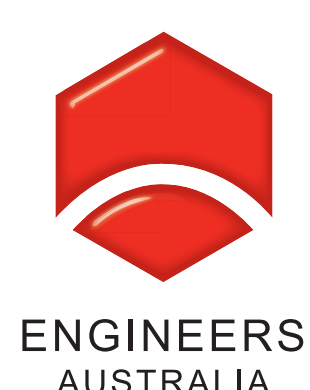
With 20 voltage-controlled oscillators (12 main oscillators and 8 filter oscillators) 3 ring-modulators, random voltage generator, a pitch-to-voltage converter, 3 slew limiters and a 'duophonic' double keyboard.

The 256 event digital sequencer has 3 layers, each layer has two control voltage outputs and a key. A total of 6 control voltages and 3 key outputs.

Weighing in at 190kg and prewired to interface with a DEC PDP-8 computer the Synthi 100 was the largest and most technically advanced analogue synthesiser in the early seventies.

This Synthi 100 number 3010 was the tenth manufactured by EMS. In 2014-15 the instrument was restored to its original form by Leslie Craythorn.

Image: The Melbourne Conservatorium of Music Synthi 100 with Leslie Craythorn who restored it. University of Melbourne



For more information about this project please scan or visit engineeringheritage.com.au

