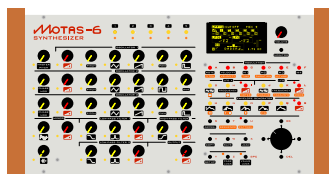


# MOTAS-6

## SYNTHESIZER

**MOTAS-6** is a super-flexible synthesizer with classic analogue subtractive synthesis and powerful digital control - giving huge modulation possibilities.

- Fully analogue audio signal path
- Three analogue oscillators (VCOs) with freely mixable waveforms:
  - triangle (oscillators 1, 2 and 3)
  - sawtooth (oscillators 1, 2 and 3)
  - variable width pulse (oscillators 1 and 3)
  - square and sub-oscillator (oscillator 2)
- Paraphonic operation (all 3 VCOs can independently track pitch with independent envelopes)
- Oscillator hard-syncing
- Analogue phase modulation (oscillators 2 and 3)
- Analogue noise source (white or pink)
- Internal audio feedback or external audio input
- 4 CV/gate inputs for analogue control
- Three independent analogue filters (VCFs) with flexible routing:
  - Low-pass resonant filter (6-pole with selectable outputs and resonance character adjustment)
  - Second low-pass resonant filter (4-pole)
  - High-pass filter (2-pole)
- Multiple output distortion options
- Super-flexible modulation architecture:
  - Independent modulation from EG, 2 x LFOs, key, velocity and 4 x modulation sources on every parameter.
  - 4 global EGs (Envelope Generators)
  - 4 global LFOs (Low Frequency Oscillators)
  - 33 parameter-local EGs
  - 33 parameter-local LFOs
  - Four freely configurable modulation sources from MIDI and CV/gate inputs
- Quick-access buttons to 5 active patches
- Copy/reset/randomise feature
- Full MIDI control and USB MIDI interface
- Oscilloscope and spectrum analyser
- Flexible arpeggiator
- Built-in pattern sequencer
- Non-volatile internal memory for saving 500 patches, 56 patterns, 16 sequences and user settings
- High-resolution OLED graphic display
- Compact high-quality tabletop case



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