Synth

Arturia MicroFreak

21 parameters · 7 sections · plain CC, no NRPN · transcribed from the maker's manual

Channels

One MIDI port and one channel for everything, set under Utility > MIDI: Input Chan (All, 1 to 16 or None) and Output Chan (1 to 16, default 1).

What the names mean

Wave, Timbre and Shape mean something different for each oscillator model, so they keep the manual's generic names. Osc Type on CC 9 is a continuous control: an LFO on it sweeps from model to model. The filter type switch has no CC at all.

Filter Amt

Filter Amt on CC 26 is bipolar, and the manual prints no center value. Do not assume 64 is zero.

Osc	4
Type	9
Wave	10
Timbre	12
Shape	13

Filter	2
Cutoff	23
Resonance	83

Env	4
Attack	105
Decay	106
Sustain	29
Filter Amt	26

Cycling Env	4
Rise	102
Fall	103
Hold	28
Amount	24

LFO	2
Rate (free)	93
Rate (sync)	94

Arp/Seq	2
Rate (free)	91
Rate (sync)	92

Keyboard	3
Glide	5
Hold switch	64
Spice	2

These controls as knobs on your iPhone or iPad
Sequentia has this chart built in, with a looper for knob movement and tempo-locked LFOs on any CC.
synthycraft.com/l/sequentia