Groovebox

Teenage Engineering OP-1 field

49 parameters · 10 sections · plain CC, no NRPN · transcribed from the maker's manual

Channels

Mixer volume, mute and pan listen on channels 1 to 4, one per track. Sound slot select uses channels 1 to 8. Everything else answers on any channel.

Synth and drum readings

The names here are the synth reading. In drum mode the four engine knobs read as pitch, loop in, loop out and play mode, and the envelope as attack, gain, release and smooth. CC 93 switches between the two.

Tempo is a curve

Tempo on CC 80 is mapped, not a BPM number: 0 to 5 gives 40 to 50 BPM, 6 to 120 gives 52 to 166, and 121 to 127 gives 168 to 180.

Engine	5	
Param 1		46
Param 2		47
Param 3		48
Param 4		49
Mode	switch	93

Envelope	4	
Attack		50
Decay		51
Sustain		52
Release		53

Patch FX	4	
FX 1		54
FX 2		55
FX 3		56
FX 4		57

Patch LFO	4	
LFO 1		58
LFO 2		59
LFO 3		60
LFO 4		61

Master FX	4	
FX 1		70
FX 2		71
FX 3		72
FX 4		73

Compressor	4	
Comp 1		74
Comp 2		75
Comp 3		76
Comp 4		77

Master EQ	3	
EQ Low		90
EQ Mid		91
EQ High		92

Mixer · ch 1-4	3	
Volume		7
Mute	switch	9
Pan		10

Tape	10	
Rec Level		78
Play	switch	105
Stop	switch	104
Prev Bar	switch	82
Next Bar	switch	83
To Start	switch	84
To End	switch	85
Loop In	switch	86
Loop Out	switch	87
Loop	switch	88

Global	8	
Tempo		80
Metronome		81
Octave		79
Slot Select	switch	102
Randomize	switch	62
Reset Patch	switch	63
Sustain	switch	64
All Notes Off	switch	123

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