Groovebox

Novation Circuit Tracks

106 parameters · 13 sections · plain CC, no NRPN · transcribed from the maker's manual

Three kinds of channel

It matters which channel you use. Synth 1 answers on channel 1, synth 2 on channel 2, the drums on channel 10, and the mixer and effects on channel 16. Each group in the chart starts with its channel.

Same number, different channel

Numbers repeat across channels. CC 74 is the synth filter Frequency on channels 1 and 2 and the master filter Frequency on channel 16. CC 12 is Drum 1 level on channel 10 and Synth 1 level on channel 16.

Ch 1 and 2 · Effects and EQ	2
Distortion level	91
Chorus level	93

Ch 1 and 2 · Envelope	5
Env 1 sustain	70
Env 1 release	72
Env 1 attack	73
Env 1 decay	75
Env 1 velocity	108

Ch 1 and 2 · Filter	9
Routing	60
Drive	63
Drive type	65
Type	68
Tracking	69
Resonance	71
Frequency	74
Q normalize	78
Env 2 to frequency	79

Ch 1 and 2 · Macro Knobs	8
Macro knob 1 position	80
Macro knob 2 position	81
Macro knob 3 position	82
Macro knob 4 position	83
Macro knob 5 position	84
Macro knob 6 position	85
Macro knob 7 position	86
Macro knob 8 position	87

Ch 1 and 2 · Mixer	6
Osc 1 level	51
Osc 2 level	52
Ring mod level	54
Noise level	56
Pre FX level	58
Post FX level	59

Ch 1 and 2 · Oscillator	18
Osc 1 wave	19
Osc 1 wave interpolate	20
Osc 1 pulse width index	21
Osc 1 virtual sync depth	22
Osc 1 density	24
Osc 1 density detune	25
Osc 1 semitones	26
Osc 1 cents	27
Osc 1 pitchbend	28
Osc 2 wave	29
Osc 2 wave interpolate	30
Osc 2 pulse width index	31
Osc 2 virtual sync depth	33
Osc 2 density	35
Osc 2 density detune	36
Osc 2 semitones	37
Osc 2 cents	39
Osc 2 pitchbend	40

Ch 1 and 2 · Voice	4
Polyphony Mode	3
Portamento Rate	5
Pre-Glide	9
Keyboard Octave	13

Ch 1 and 2 · Wavetables	8
Audio 1 level	13
Audio 2 level	15
Audio 1 reverb level	31
Audio 2 reverb level	32
Audio 1 delay level	33
Audio 2 delay level	34
Audio 1 Pan	35
Audio 2 Pan	36

Ch 10 · Drum Control	28
Drum 1 patch select	8
Drum 1 level	12
Drum 1 pitch	14
Drum 1 decay	15
Drum 1 distortion	16
Drum 1 EQ	17
Drum 2 patch select	18
Drum 2 level	23
Drum 2 pitch	34
Drum 2 decay	40
Drum 2 distortion	42
Drum 2 EQ	43
Drum 3 patch select	44
Drum 3 level	45
Drum 3 pitch	46
Drum 3 decay	47
Drum 3 distortion	48
Drum 3 EQ	49
Drum 4 patch select	50
Drum 4 level	53
Drum 4 pitch	55
Drum 4 decay	57
Drum 4 distortion	61
Drum 4 EQ	76
Drum 1 pan	77
Drum 2 pan	78
Drum 3 pan	79
Drum 4 pan	80

Ch 16 · Delay	6
Synth 1 send level	111
Synth 2 send level	112
Drum 1 send level	113
Drum 2 send level	114
Drum 3 send level	115
Drum 4 send level	116

Ch 16 · Master Filter	2
Resonance	71
Frequency	74

Ch 16 · Mixer	4
Synth 1 level	12
Synth 2 level	14
Synth 1 pan	117
Synth 2 pan	118

Ch 16 · Reverb	6
Synth 1 send level	88
Synth 2 send level	89
Drum 1 send level	90
Drum 2 send level	106
Drum 3 send level	109
Drum 4 send level	110

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