Synth

Modal Cobalt8

103 parameters · 12 sections · plain CC, no NRPN · transcribed from the maker's manual

One map for the family

The same chart serves the Cobalt8, Cobalt8M and Cobalt8X. It has the shape of the Argon8 chart, with the oscillator rows replaced by this machine's own.

Algorithms

Each oscillator group picks an algorithm, CC 62 and CC 63, and then has two parameters whose meaning follows it: Param A and Param B.

Effects	2
Delay Mode	41
Delay MIDI Sync	55

Envelope	16
FEG Attack	22
FEG Decay	23
FEG Sustain	24
FEG Release	25
AEG Attack	26
AEG Decay	27
AEG Sustain	28
AEG Release	29
MEG Attack	43
MEG Decay	44
MEG Sustain	45
MEG Release	46
All EG Attack	84
All EG Decay	85
All EG Sustain	86
All EG Release	87

Filter	3
Cutoff	34
Resonance	35
Filter Type	42

LFO 1	5
LFO1 Rate	36
LFO1 Depth	37
LFO1 Shape	39
LFO1 MIDI Sync	52
LFO1 Mode	56

LFO 2	5
LFO2 Rate	47
LFO2 Depth	48
LFO2 Shape	50
LFO2 MIDI Sync	54
LFO2 Mode	57

LFO 3	3
LFO3 Rate	3
LFO3 Depth	13
LFO3 Shape	21

OSC 1	5
Osc1 Tune	14
Osc1 Fine	15
Osc1 Param A	16
Osc1 Param B	19
Osc1 Algorithm	62

OSC 2	5
Osc2 Param A	17
Osc2 Param B	20
Osc2 Tune	30
Osc2 Fine	31
Osc2 Algorithm	63

Oscillator and mix	2
Main Volume	7
Osc Mix	18

Play	40
Mod Wheel	1
Expression Pedal switch	11
FEG Amount	32
Morph	33
MEG Depth	49
AEG Depth	51
FX Amount	73
AEG Type	80
FEG Type	81
MEG Type	82
Audio In	83
ModSlot 1 Depth	88
ModSlot 2 Depth	89
ModSlot 3 Depth	90
ModSlot 4 Depth	91
ModSlot 5 Depth	92
ModSlot 6 Depth	93
ModSlot 7 Depth	94
ModSlot 8 Depth	95
Chord Mode	96
ModSlot 1 Source	100
ModSlot 2 Source	101
ModSlot 3 Source	102
ModSlot 4 Source	103
ModSlot 5 Source	104
ModSlot 6 Source	105
ModSlot 7 Source	106
ModSlot 8 Source	107

ModSlot 1 Dest	108
ModSlot 2 Dest	109
ModSlot 3 Dest	110
ModSlot 4 Dest	111
ModSlot 5 Dest	112
ModSlot 6 Dest	113
ModSlot 7 Dest	114
ModSlot 8 Dest	115
Joystick X+	116
Joystick X-	117
Joystick Y-	118
Patch Gain	119

Sequencer	13
Arp Gate	53
Arp Status	58
Arp Octave	59
Arp Direction	60
Arp Division	61
Seq Length	67
Seq Mute switch	68
Seq Clear	69
Seq Hold switch	70
Seq Loop	71
Seq Record	72
Swing	78
Seq Quantise	79

Voice	4
Glide	5
Voice Mode	9
Octave	40
Transpose	75

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