Synth

Arturia MatrixBrute

80 parameters · 18 sections · plain CC, no NRPN · transcribed from the maker's manual

Channels

One Input MIDI Channel (All, 1 to 16 or None) receives every CC. The separate Lower Part channel only takes notes for the lower half of the keyboard in Duo Split mode.

General MIDI collisions

Six numbers do not mean what a DAW expects. CC 7 is the Steiner filter output, not volume. CC 8 is the Ladder output. CC 10 is the VCO 1 sawtooth level, not pan. CC 11, 2 and 4 are macro knobs. CC 3 and CC 4 are shared on purpose: the expression pedals and macros M3 and M4 use them and are summed.

Pedals	3	
Sustain	switch	64
Expr Pedal 2		3
Expr Pedal 1		4

VCO 1	10
Fine	65
Coarse	66
Wave Select	67
Sub	9
Ultrasaw	68
Sawtooth	10
Square	12
Triangle	13
Pulse Width	69
Metalizer	70

VCO 2	10
Fine	71
Coarse	72
Wave Select	73
Sub	14
Ultrasaw	74
Sawtooth	15
Square	16
Triangle	17
Pulse Width	75
Metalizer	76

VCO 3/LFO 3	1
Coarse	22

Audio Mod	4
VCO1>VCO2	77
VCO1<V3>VCO2	78
VCF1<V3>VCF2	79
VCO1<Nz>VCF1	80

Mixer	5
VCO 1	18
VCO 2	19
VCO 3	20
Noise	21
External	89

Steiner	7
Drive	81
Cutoff	23
Resonance	83
Brute Factor	82
Env 1 Amt	24
Steiner Out	7
MasterCutoff	27

Ladder	6
Drive	85
Brute Factor	86
Cutoff	25
Env 1 Amt	26
Resonance	87
Ladder Out	8

LFO 1	2
Phase	90
Rate	91

LFO 2	2
Delay	92
Rate	93

Env 1	5
Velo / VCF	94
Attack	102
Decay	103
Sustain	28
Release	104

Env 2	5
Velo / VCA	95
Attack	105
Decay	106
Sustain	29
Release	107

Env 3	5
Delay	108
Attack	109
Decay	110
Sustain	30
Release	111

Analog FX	5
Delay Time	112
Regeneration	113
Tone / Rate	114
Width/Depth	115
Dry / Wet	31

Sequencer	3
Rate	116
Swing	117
Gate	118

Wheels	2
Modulation	1
Bend Range	119

Glide	1
Glide	5

Macro Knobs	4
M1	11
M2	2
M3	4
M4	3

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