Drum machine

Sonicware CyDrums

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

A whole voice per track

CyDrums is a synthesis drum machine, so the map is a whole voice per track: two wavetables, a noise, a tick, a filter with its own envelope, and the modulators.

Channels

Master and effects answer on the project channel. The mixer rows answer on the track channel, and the voice on the track channel or AUTO.

Master	8	
Pattern Playback	switch	0
Song Playback	switch	1
Master Level		2
Pattern Level		3
Ext Level		124
Ext Reverb Send		125
USB Level		126
USB Reverb Send		127

Mixer	3	
Track Mixer Level		117
Track Mixer Pan		118
Track Mixer Mute	switch	119

Sequencer	12	
Seq Length		30
Note Value		31
Transpose		32
Track Choke		33
Seq Mode		34
Random Step		35
Dice		36
Quantize		37
Track Swing		38
Scale		111
Key		112
Legato	switch	113

Wavetable 1	7	
Type		40
Curve		42
Start		44
Speed		46
End		48
Direction		50
Mute	switch	52

Wavetable 2	7	
Type		41
Curve		43
Start		45
Speed		47
End		49
Direction		51
Mute	switch	53

Noise and tick	10	
Structure Type		39
Noise Type		54
Noise Level		55
Noise Time		56
Noise Reso Freq		57
Noise Mute	switch	58
Pulse Type		59
Tick Level		60
Tick Time		61
Tick Mute	switch	62

Sound	11	
Snd Prop A 1		65
Snd Prop A 2		66
Snd Prop B 1		67
Snd Prop B 2		68
Snd Prop C 1		69
Snd Prop C 2		70
Snd Prop D 1		71
Snd Prop D 2		72
Velocity Sense		73
Glide		74
Pitch		75

Filter	10	
Filter Type		76
Filter Freq		77
Filter Reso		78
Filter Gain		79
EG Depth		80
EG Attack		81
EG Decay		82
EG Delay		83
EG Invert	switch	84
EG Repeat	switch	85

Mod	18	
Velocity 1 Assign		86
Velocity 2 Assign		87
Velocity 1 Sense		88
Velocity 2 Sense		89
Velocity 1 Threshold		90
Velocity 2 Threshold		91
Aftertouch 1 Assign		92
Aftertouch 2 Assign		93
Aftertouch 1 Sense		94
Aftertouch 2 Sense		95
Aftertouch 1 Speed		96
Aftertouch 2 Speed		97
Env Assign		98
Env Attack		99
Env Decay		100
Env Depth		101
Env Delay		102
Env Repeat	switch	103

Amp	10
Amp Attack	104
Amp Decay	105
Amp Sustain	106
Amp Release	107
Amp Curve	108
Amp Level	109
Amp Distortion	110
EFX Connection	114
EFX Reverb Send	115
EFX Sidechain Comp Send	116

Effects	19
EFX Routing Type	5
EFX 1 Type	6
EFX 2 Type	7
EFX 1 On/Off switch	8
EFX 2 On/Off switch	9
EFX 1 Param 1	10
EFX 2 Param 1	11
EFX 1 Param 2	12
EFX 2 Param 2	13
EFX 1 Param 3	14
EFX 2 Param 3	15
EFX 1 Param 4	16
EFX 2 Param 4	17
Master FX Type	24
Master FX On/Off switch	25
Master FX Param 1	26
Master FX Param 2	27
Master FX Param 3	28
Master FX Param 4	29

Reverb	6
Reverb Enable switch	18
Reverb Mix	19
Reverb Hidamp	20
Reverb Decay	21
Reverb Locut	22
Reverb Mute Position	23

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