Synth

Roland S-1

54 parameters · 8 sections · plain CC, no NRPN · transcribed from the maker's manual

Channels

Control changes land on the SYNTH channel, 3 by default. Channel 16 is for program change only.

Controls that swap

Pulse Width on CC 15 and Draw Mult on CC 102 share one knob. Which one answers depends on OSC DRAW SW. LFO Rate and Reverb Time likewise give way when their sync switches are on.

Oscillator	12
Range	14
Fine Tune	76
Square	19
Saw	20
Sub	21
Sub Oct	22
Noise	23
Noise Mode	78
LFO Amt	13
Pulse Width	15
PWM Source	16
Bend Sens	18

Draw and Chop	4
Draw	107
Draw Mult	102
Chop Overtone	103
Chop Comb	104

Filter	6
Freq	74
Reso	71
Env Amt	24
LFO Amt	25
Key Follow	26
Bend Sens	27

Envelope	6
Attack	73
Decay	75
Sustain	30
Release	72
Amp Mode	28
Trig Mode	29

LFO	6
Rate	3
Wave	12
Mod Depth	17
Mode	79
Key Trigger	105
Sync	106

Chord	7
Poly Mode	80
Voice 2 switch	81
Voice 3 switch	82
Voice 4 switch	83
V2 Shift	85
V3 Shift	86
V4 Shift	87

FX	5
Reverb	91
Reverb Time	89
Delay	92
Delay Time	90
Chorus	93

Play	8
Mod Wheel	1
Pan	10
Expression	11
Porta Time	5
Porta Mode	31
Portamento switch	65
Damper switch	64
Transpose	77

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