Synth

Roland JUPITER-X / Xm

21 parameters · 4 sections · plain CC, no NRPN · transcribed from the maker's manual

Channels

Five parts, each on the channel set by its own Rx Ch, so a control reaches the part you point it at.

Offsets

Cutoff, resonance and the envelope numbers are offsets centered on 64, not absolute positions. Everything deeper than this layer is SysEx on these machines and is not reachable by CC. One Roland document covers both models.

Modify · centre 64	5
Cutoff	74
Resonance	71
Attack	73
Decay	75
Release	72

Vibrato · centre 64	3
Rate	76
Depth	77
Delay	78

Mix	5
Volume	7
Pan	10
Expression	11
Reverb Send	91
Chorus Send	93

Play		8
Modulation		1
Porta Time		5
Porta Ctrl		84
Soft		67
Hold	switch	64
Portamento	switch	65
Sostenuto	switch	66
Legato	switch	68

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