Synth

# Behringer UB-Xa

45 parameters · 7 sections · plain CC, no NRPN · transcribed from the maker's manual

### Channels

The upper and lower parts answer on their own channels, 1 and 2 by default, so a control reaches the half you aim it at. The same map serves the UB-Xa D. Reception is on out of the box, but there is a CC Rx switch per port if a knob goes quiet.

### Coarse halves

CC 2 to 29 are the high halves of 14 bit pairs. A 7 bit knob sends the high half and gets the whole range in coarse steps, so the low halves are left out.

| Oscillator | 5 |
|---|---|
| OSC 1 Transpose | 22 |
| OSC 1 PW | 23 |
| OSC 2 Transpose | 24 |
| OSC 2 PW | 25 |
| Detune | 9 |

| Filter | 6 |
|---|---|
| Frequency | 26 |
| Resonance | 27 |
| Modulation | 28 |
| Noise | 29 |
| Brightness | 74 |
| Timbre | 71 |

| Filter envelope | 4 |
|---|---|
| Attack | 85 |
| Decay | 86 |
| Sustain | 87 |
| Release | 88 |

| Amp envelope | 4 |
|---|---|
| Attack | 89 |
| Decay | 90 |
| Sustain | 102 |
| Release | 103 |

| LFO | 6 |
|---|---|
| Rate | 15 |
| Perf Rate | 76 |
| Vibrato | 77 |
| Perf Amount | 78 |
| Ch 1 Amount | 20 |
| Ch 2 Amount | 21 |

| Mod matrix | 8 |
|---|---|
| Bus 1 | 105 |
| Bus 2 | 106 |
| Bus 3 | 107 |
| Bus 4 | 108 |
| Bus 5 | 109 |
| Bus 6 | 110 |
| Bus 7 | 111 |
| Bus 8 | 112 |

| Play | 12 |
|---|---|
| Mod Up | 1 |
| Mod Down | 31 |
| Porta Time | 5 |
| Porta Ctrl | 84 |
| Master Tune | 3 |
| Volume | 7 |
| Balance | 8 |
| Pan | 10 |
| Expression | 11 |
| Damper switch | 64 |
| Sostenuto switch | 66 |
| Hold switch | 69 |

**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