

**Note entry:** Record=step-time, Record+Play=realtime • In realtime spot erase with brief Erase press **Loop** in step record with Arp/Loop+then two pads **Transposition** via MIDI port/chan in MCC, or via pad relative to C (unless Transp Centre Pitch set in MCC) **Scales root:** Shift+scale pad (keep holding)+turn value knob **Patterns and loops:** Last Step+pad to define pattern length • Shift+Last Step toggles Page Follow • Last Step+32/48/64 adds empty steps to 16 step pattern • Shift+32/48/64 copies 1-16 into following 16 step patterns, makes many copies of shorter patterns in polyrhythmic fashion • Tracks 3+4 length & time div etc may be independent when not Velo/Press • Mute any track with Shift+track button **Chain** up to 16 patterns with Chain+pads (empty patterns play bar of silence) • Hold Chain to view order (double flash for each instance) **Copy/paste** step values by holding Copy, selecting steps, holding Paste, press leftmost step (rests retained) **Initialise** Erase+pad/page/track (track resets steps, retains scale etc)

**Step values:** on modulation tracks, value of enabled step latches through following disabled steps • Slide occurs from previous step, from value of previous *enabled* step • 6 types of LFO, unipolar • LFO rates: Hold, 0.6-100Hz, quant **Save:** All patterns in bank may be modified in session, use Save+purple pads to save changes • Shift+Save to revert selected pattern to previous saved state • Track 3+4 data must be saved for current pattern - is lost on pattern change **Patchbay:** blue denotes normalised internal • Amp Out is audio out to modular mixer • VCA is independent, In 1+2 are summing • Patching Attenuator does not disable internal knob routing - use dummy connection in section

|                 |              |             |            |              |            |            |            |
|-----------------|--------------|-------------|------------|--------------|------------|------------|------------|
| <b>Track:</b>   | <b>Pitch</b> | <b>Gate</b> | <b>Vel</b> | <b>Press</b> | <b>xV</b>  | <b>Env</b> | <b>LFO</b> |
| <b>Encoder:</b> | Note         | Length      | Velocity   | Depth        | Voltage    | Decay      | Rate       |
| <b>Shift:</b>   | Slide rate   | Ratchet     | Slide rate | Slide rate   | Slide rate | Attack     | Depth      |