super sixteen

extralife instruments

DATA this stepped encoder adjusts the selected parameter, like patch number or tempo or mutation type.

STEP BUTTONS select and toggle steps on and off. Press once to select and again to toggle. Inactive steps are activated automatically when selected.

RECORD enables "motion recording" (aka parameter locks). Press and hold while adjusting PITCH, OCTAVE, LENGTH, or CV to record that parameter to the currently playing steps in real-time.

PITCH Adjusts pitch output for selected step. Range +/- 12 semitones

OCTAVE Adjusts pitch output for selected step by increments of 12 steps. Range +/- 4 octaves.

LENGTH Adjusts the duration of the selected step, as a percentage of a single step's length. Range 0-400%.

CV Adjusts the value of the secondary CV output for the selected step. Range 0-100%

CLOCK input accepts a 1-pulse-per-step clock signal and advances the sequencer in sync to external gear.

RESET input accepts a pulse to restart the sequence at the beginning, for synchronized looping.

CV output sends out an unquantized control voltage controlled by the "CV" parameter for each step (0-8v)

PITCH output sends out a quantized control voltage set by the PITCH and OCTAVE parameters for each step (0-8v)

GATE output sends out 5V gate signals for each active step, the duration of which is set by each step's LENGTH