
CV-Seq Manual

SV Modular



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CV-SEQ



Figure 1: CV-Seq Image

CV-SEQ is a four-step sequencer built for CV output. Unlike note-based sequencers, which output in the range of -5 , *CV-SEQ* operates on CV standards, outputting 0 through 10 . This is helpful in automating CV tasks, allowing for precision steps driven by a clock. *CV-SEQ* outputs whatever value is set by the combination of CV and knob for the duration of the *beat*. If any of these values change, the output will change as well.

CV-SEQ has 5 inputs and 1 output. The primary input is the CLK, or clock; this provides the step time, or *beat* that triggers changing which value to output. The CLK triggers on a value of 1.7 .

OUT outputs the current step value.

Each step is controlled by a pair consisting of a CV input and a knob, representing the values of 0 to 10 . When the CV input is in use, its input is added to value represented by the knob. Thus, if the CV input is receiving 3.4 , and the knob is set to 2.1 , the output will be 3.4 , the value of the input and of the knob together.

Each triggered value will output its value for the duration of the *beat*, and the LED will light up for each trigger position.