

GATE OUT sends a signal (or 'gate') every time a note or step changes (if the step buttons are activated/lit).

Patch 6

Melodic Patch with envelope controlling VCA

Shaping sounds using MATHS

Changes mode (step pattern; direction; 16 or 8 step lengths) of the step sequencer.

Adjusts speed or 'tempo' of sequence.

Sequencer CV OUT sends a pitch value for each step (note) to the oscillator CV IN (or KYBD input).

The triangle wave offers a smooth rich sound with some harmonic complexity (though less than the sawtooth).



When 'triggered' by a gate from the sequencer or the clock module, **MATHS** generates an envelope that controls the VCA.

The 'Rise' and 'Fall' knobs control the shape of the sound envelope. Rise controls the attack and Fall controls the sustain. Experiment with Rise/Fall relationships!

To modulate the VCA with with envelope shape, turn down LEVEL knob and slowly turn up CV knob.



Effects to Mixer or to DAW