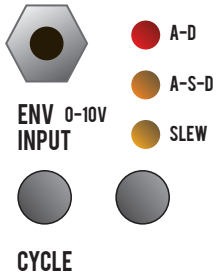


ENVELOPE TRIGGER



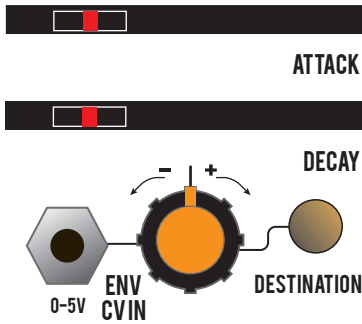
Put a GATE signal into the ENV INPUT to start the envelope action.

Press the CYCLE button to automatically start/restart the envelope as an LFO.

Press the AD/ASD/SLEW button to change the operating mode. A-D is a simple attack/decay envelope. A-S-D adds a sustain stage that holds the envelope at maximum when the ENV INPUT is high.

The SLEW mode accepts a control voltage (instead of a gate) at the ENV INPUT. In this mode, the ATTACK/DECAY controls will control the rate of change of the slewed control voltage in either direction.

ENVELOPE CONTROL

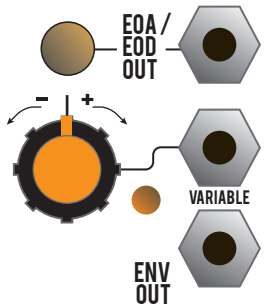


The ATTACK and DECAY sliders manually set the stage times of the envelope.

The DESTINATION button causes the LEDs on these sliders to illuminate. If the LED is lit, then that slider's parameter will be affected by the ENV CV IN signal.

The ENV CV IN accepts a positive CV signal. It is controlled by the nearby attenuverter knob which adds or subtracts its signal from the selected parameters.

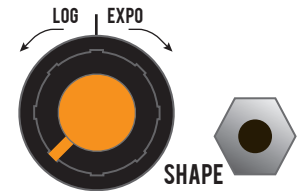
ENVELOPE OUTPUT



The EOA/EOD signal outputs a trigger at the end of each envelope phase. If the LED is red, it will trigger on the end of the DECAY phase. If it is green, it will do so on the end of ATTACK. If it is orange, it will do both.

The ENV OUT will give you a full scale 0-7.5V envelope signal. The "VARIABLE" output and nearby attenuverter will allow you to scale and invert this signal.

SHAPE CONTROL



At the center position, the envelope curve will be LINEAR. Turning it in either direction will bend it to LOG or EXPO, and more if the CURVE SWAP is enabled (see EXTRA below). The CV input is a "COMBO" input that turns the manual knob into an attenuator if a cable is patched in.

VCA CONTROL

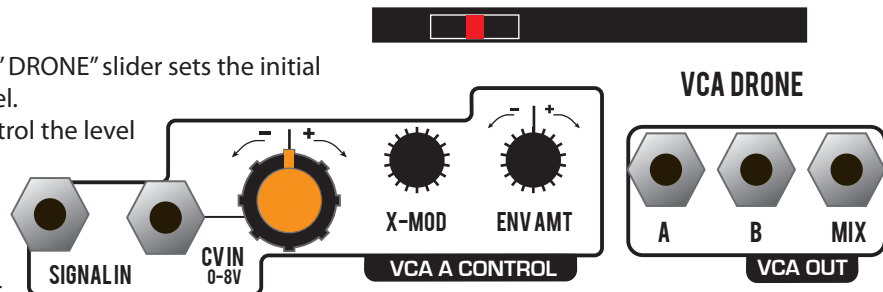
Insert an audio or CV signal into the "SIGNAL IN". The "VCA" DRONE slider sets the initial level, with some amplification at the end of the slider travel.

The "CV IN" jack and associated attenuverter remotely control the level of the VCA.

The X-MOD knob mixes the output of the OTHER VCA unit into the CV IN, causing amplitude modulation effects.

The ENV AMT attenuverter is the most important of all, it controls the VCA unit with the nearby envelope output for patchcord-free voice operation.

The VCA OUTs offer the processed SIGNAL for each VCA unit. The MIX is a combination of both outputs.



EXTRA BUTTON COMBINATIONS:

- Hold down the Mode (AD, ASD, SLEW) button. Push the other buttons while holding this button to access the extra functions:
- Press "CYCLE" to manually trigger the envelope.
- Press "DESTINATION" to extend the time ranges of the envelope or slew. The AD/ASD LEDs will invert to show that this mode is active.
- Press "EOA/EOD" button to modify the SHAPE curves. In this mode, the attack will be LOG and the decay will be EXPO, or vice versa depending on the direction of the SHAPE control. In this mode, turning the SHAPE control counter-clockwise will give you the classic, snappy "RC" curve shape.