L-1 SYNTH

Dual VC ADSR – Trimming.

We need to trim offsets – for output VCA and for sustain. The middle trimpot (100K) is for output VCA, the edge trimpot (22K) is for sustain.
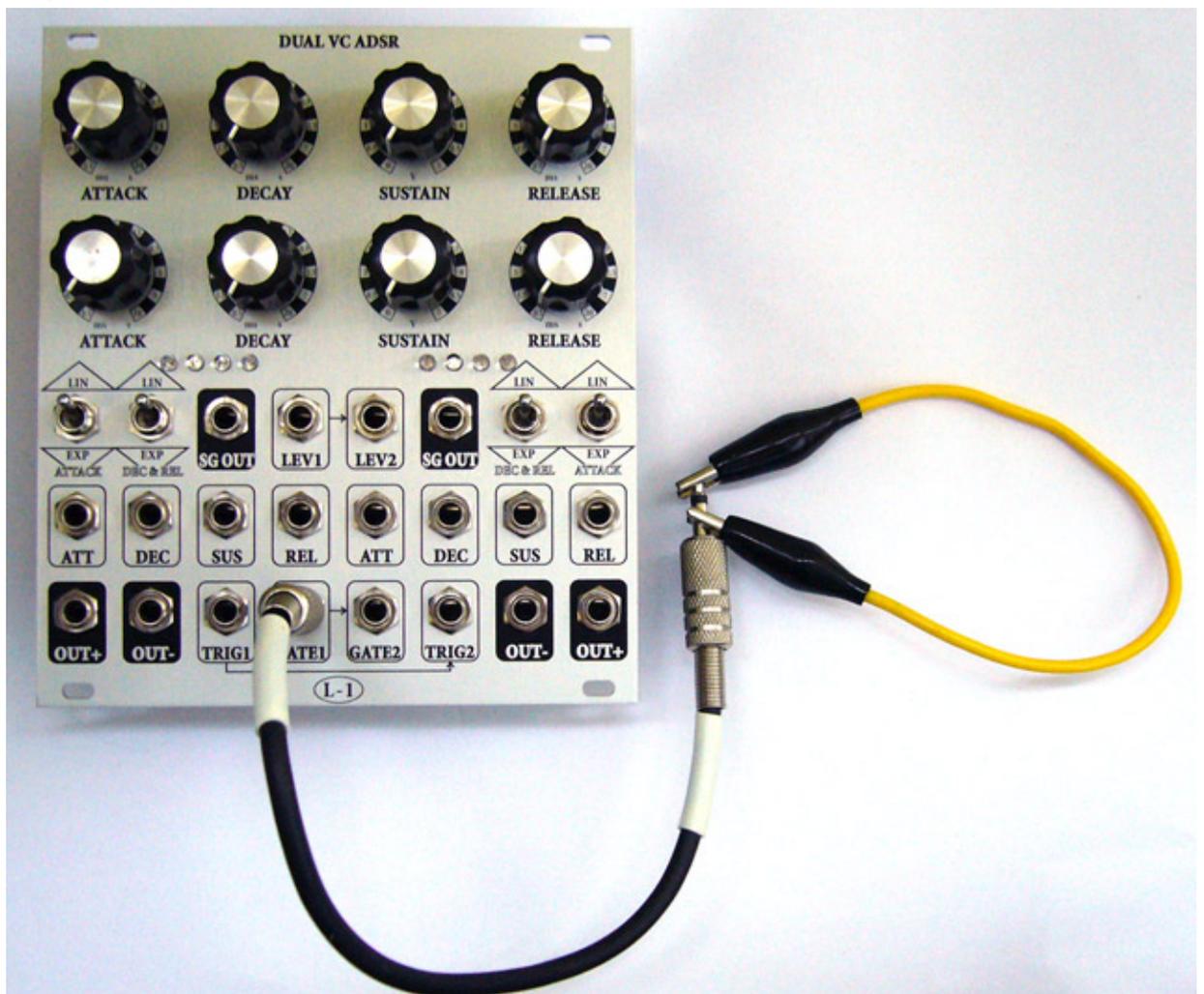
Turn your oscilloscope in DC mode and trim visually.

OR more precise with a voltmeter.

Turn all knobs to min (full CCW).

1. **Output VCA offset.**
   Short GATE IN to ground. Gate will be off (no LEDs light). Trim the middle trimpot to have 0V at the output.

2. **Sustain offset**
   Now remove a cable from GATE IN. The generator will stop in sustain stage (sustain LED lights). Trim the edge trimpot to have 0V
3. **Repeat for second generator.**

Now check. Feed some pretty long gate and measure output voltage. Must be 0V when gate is off (all LEDs off) and 0V when sustain stage lasts (3rd LED lights).