

A01 GLITCH AND NOISE (V2)

DESKTOP MODULE

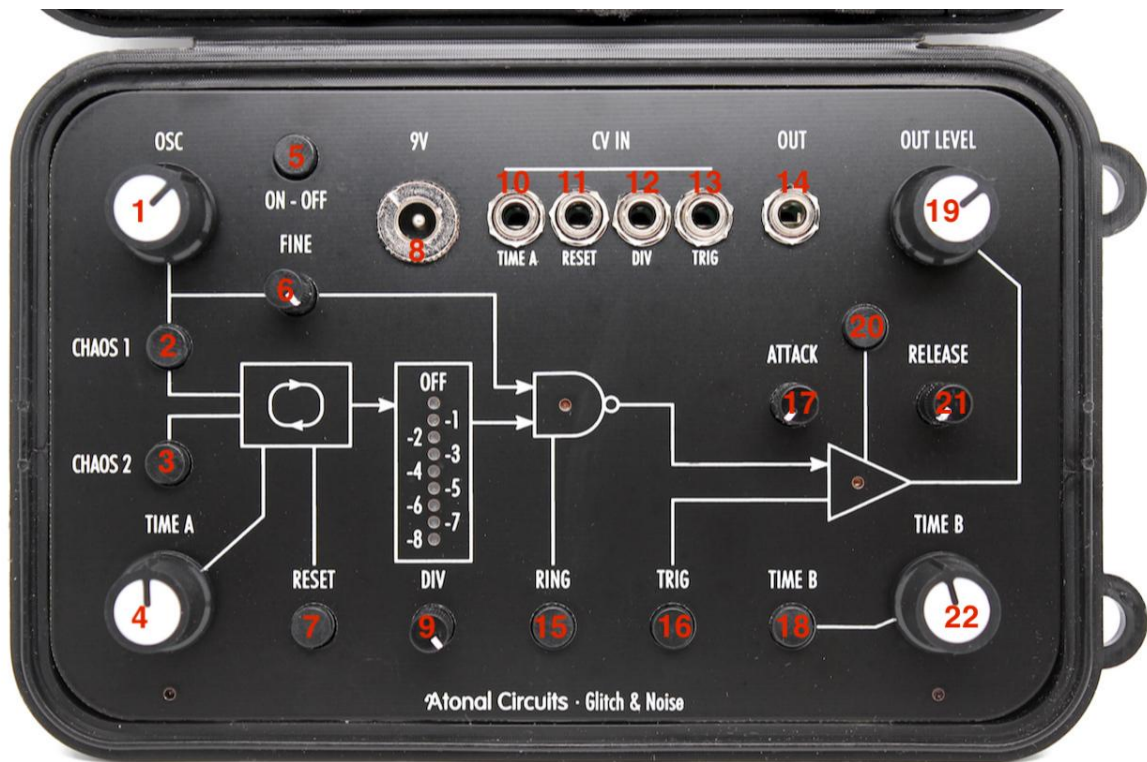
DIMENSIONS: 165 x 105 x 55 mm

CURRENT DRAW: 50 mA @ 9V - (center positive DC jack)

The core of the module is build around a delay chip (PT2399).
Output of the chip feeds its input.

Following in the audio path: a frequency divider, a ring modulator, a VCA.
All jacks are 3.5 mm. CV input range: 0V to 5V, +/- 12V protected.

#	LABEL	WHAT
1	OSC	This knob controls the frequency of the internal square wave oscillator.
2	CHAOS 1	Temporary inject the internal oscillator in the delay loop.
3	CHAOS 2	Adds chaos to the delay loop.
4	TIME A	This knob controls the delay's duration.
5	ON-OFF	Turns the device ON / OFF.
7	RESET	Fills the loop with silence.
8	9V	Power input: 9 - 12V / 50mA (2.1 X 5.5mm DC jack, center positive).
9	DIV	Sets the amount of octave division.
10	TIME A	CV input that controls knob (4). Modulation is added to the value of the pot. in order to have full range control, place knob (4) at 12 o'clock.
11	RESET	CV input , same action as knob (7). 5V = active state.
12	DIV	CV input that controls knob (9). The DIV parameter is actualized when control voltage is changing.
13	TRIG	CV input that will fire the internal envelope generator. The VCA will remain open while the signal is 5V.
14	OUTPUT	Audio output. You can plug mono jack or stereo headphones (2 x mono).
15	RING	Turns ON/OFF the ring modulator.
16	TRIG	Fires the internal envelope generator.
17	ATTACK	Sets attack time.
18	TIME B	Turns ON/OFF the second time control.
19	OUTPUT	Output level.
20	(no label)	Turns ON/OFF VCA and envelope generator.
21	RELEASE	Sets release time.
22	TIME B	Temporary second time control.



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