

# t-quadstrip

sound  machines

## INSTALLATION

Use the supplied power cable to connect the module to your system.

Be aware of the red stripe!

Simply house the module in your Eurorack case, fix it in place with the supplied screws and washers and you are ready to go.

The module is 8 HP wide.

## POWER REQUIREMENTS

150mA on +12V

20mA on -12V

## CONTACTS

Website: [www.sound-machines.it](http://www.sound-machines.it)

Email: [info@sound-machines.it](mailto:info@sound-machines.it)

## REGULATORY

Product: soundmachines t-quadstrip



## QUICK OVERVIEW

**t-quadstrip** is the obvious evolution of our award-winning LS1lightstrip. Now you can have four independent lightstrips engines, with an extended maximum recording length of 20s. Bring life to your patches with free running or resettable custom drawn modulations.

The **t-quadstrip** four CV outputs can be attenuated or inverted with the dedicated four knobs.

- Two Reset Inputs (the first for lanes 1-2, the second for lanes 3-4) allows to use the recordings as custom envelopes, from snappy for percussions, plucks and basses to super slow for smooth pads.
- Three classic modes: LIVE, HOLD and REC Modes.
- Three REC behaviors. Recorded automation playback can be set to be:
  - Free running
  - Looping with reset function (reset via trig in)
  - One-shot mode (triggered by reset in)

Only lanes 1 and 2 have a dedicated GATE output signal.

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- HOLD/REC BUTTON:** Use this touch button to switch between the different behaviours for each of the touch sliders.

**A.LIVE** When the LED is not on, every time the user touches the slider, the value is read based on the finger position, but when the finger is lifted, the value returns back to zero (read as to the default bottom position).

**B.HOLD** - Press it once (the LED stays lit) to set the slider to HOLD mode.

The slider will maintain the last value once the user lifts the finger from the slider. If you press the button again while a value is being held, the HOLD mode will be disengaged, and the LEDs will show that the value read will return to zero (as to the default bottom position).

**C.REC** - To record an automation while keeping your finger touching the slider, press the button to start recording up to 20 seconds of automations. Keep pressing the button for as long as you want the automation to last.

The recording will be stopped and will start looping when the 20s limit is exceeded.

When an automation is replayed, the LED will blink once a second.

Remember that by touching the slider while a recorded automation is being played, the user can always override the value by touching the slider.

The automation will continue in the background, and once the finger is lifted, the recorded motion will return to be in control of the parameter.

**D.LOOPING/ONE SHOT** - An automation can be configured to be either free looping or one shot. By default, the automations are set to be free-running (the LED blinks once a second). When the button is pressed for at least 2 seconds, the LED will start blinking twice every second. This means that when an automation is recorded, it won't be played right away, but it will wait for a gate or trigger signal in the RESET input (see control n°4 later in this paragraph).

When in looping mode, the RESET signal will simply restart the automation playback from the beginning.

- TOUCH SLIDER:** The slider is the core of this module. Use it to dial in the parameters for the various controls, with the increasing value going from bottom to top.

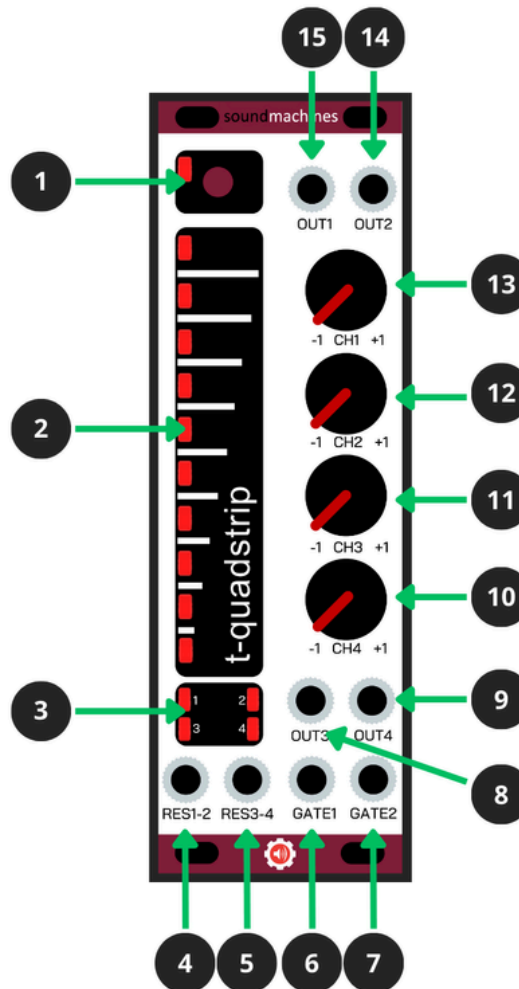
- PARAMETER SWITCH:** The LEDs indicate the parameter you are currently seeing and controlling with the slider. By tapping on it repeatedly, you can cycle between the four parameters, and the LEDs will light up for the relative parameter.

This button is also used to determine if a slider has to be excluded from the RESET input by keeping it pressed for 2 seconds.

For example, if you want to exclude the 2nd modulation lane from being triggered or reset by a gate signal in the RESET input, starting from the first power up, press the button once (the LED should now be lit for the 2nd lane), and then keep the button pressed for at least 2 seconds. The four LEDs will blink three times, indicating that the reset input won't affect the automation playback.



# t-quadstrip USER MANUAL



- RES1-2 INPUT:** Dedicated reset input for modulation lanes 1 and 2. Whenever a gate or trigger signal is fed to this input, the recorded automations will restart from the beginning (except for the ones that are excluded, see "3. PARAMETER SWITCH").

- RES3-4 INPUT:** Dedicated reset input for modulation lanes 3 and 4. Whenever a gate or trigger signal is fed to this input, the recorded automations will restart from the beginning (except for the ones that are excluded, see "3. PARAMETER SWITCH").

- GATE 1:** This output will send a gate signal each time the slider 1 is touched, for both live mode or during an automation playback.

- GATE 2:** This output will send a gate signal each time the slider 2 is touched, for both live mode or during an automation playback.

- OUT 3:** CV Output for modulation lane 3. The output will be the result of the value determined by the slider after being attenuated or inverted with the dedicated knob.

- OUT 4:** CV Output for modulation lane 4. The output will be the result of the value determined by the slider after being attenuated or inverted with the dedicated knob.

- CH 4 ATTENUVERTER POT:** This potentiometer is used to attenuate (when rotated clockwise) or invert (when rotated counter clockwise) the modulation lane 4 output. When positioned at noon (indicator pointing upward) the CV output will be zero.

- CH 3 ATTENUVERTER POT:** This potentiometer is used to attenuate (when rotated clockwise) or invert (when rotated counter clockwise) the modulation lane 3 output. When positioned at noon (indicator pointing upward) the CV output will be zero.

- CH 2 ATTENUVERTER POT:** This potentiometer is used to attenuate (when rotated clockwise) or invert (when rotated counter clockwise) the modulation lane 2 output. When positioned at noon (indicator pointing upward) the CV output will be zero.

- CH 1 ATTENUVERTER POT:** This potentiometer is used to attenuate (when rotated clockwise) or invert (when rotated counter clockwise) the modulation lane 1 output. When positioned at noon (indicator pointing upward) the CV output will be zero.

- OUT 2:** CV Output for modulation lane 2. The output will be the result of the value determined by the slider after being attenuated or inverted with the dedicated knob.

- OUT 1:** CV Output for modulation lane 1. The output will be the result of the value determined by the slider after being attenuated or inverted with the dedicated knob.