

SPUTNIK MODULAR

FOUR-TAP DELAY / DUAL CROSSFADER MANUAL V.1

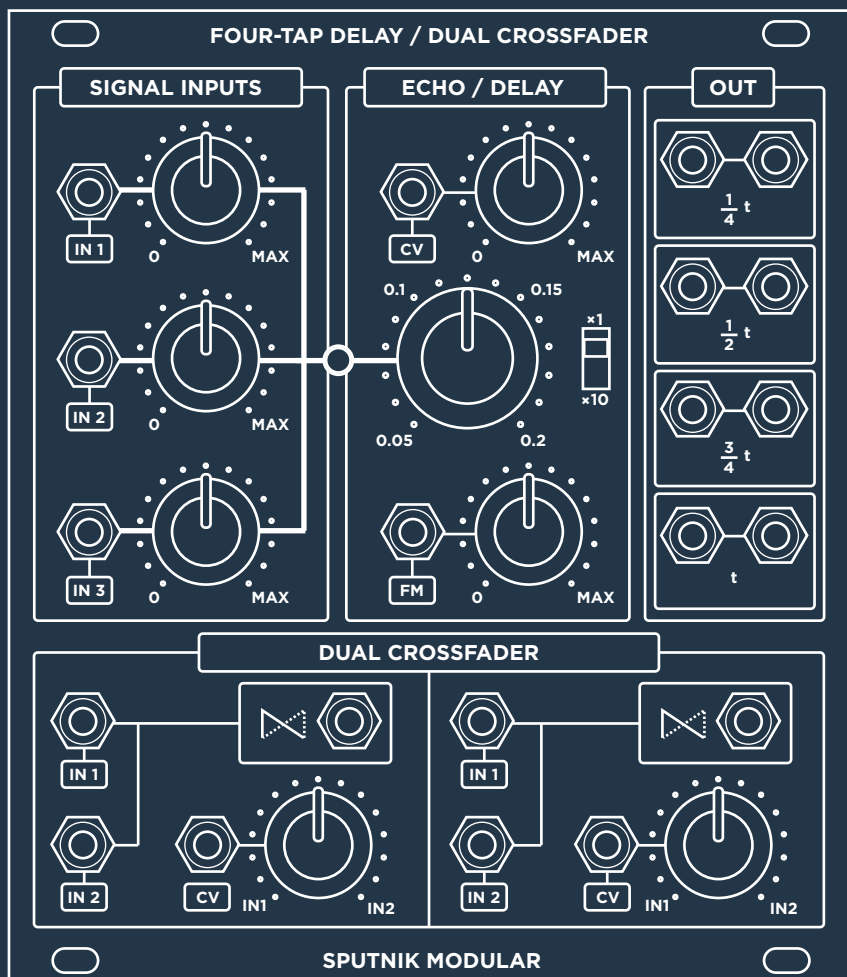


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SPECIFICATIONS

FORMAT:

Eurorack

DIMENSIONS:

22HP, 40mm deep

INTERNAL AND EXTERNAL SIGNALS (3.5mm Jacks):

CV: 0-5V, AUDIO: +/-5V

MAX CURRENT:

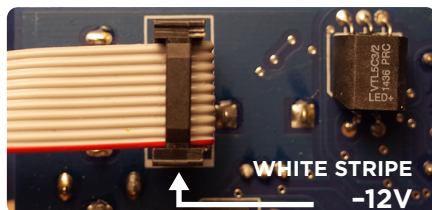
+12V: 90mA

-12V: 90mA

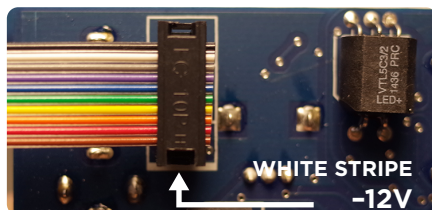
+5V: 100mA

INSTALLATION

- 1 Remove module from packaging.
- 2 Power down your modular synthesizer and disconnect the power cable from the wall outlet.
- 3 Attach the included power cable to the module's power connector and connect the other end to the power distribution bus in your EuroRack synthesizer case. If you have a bi-colored ribbon cable the red stripe should be on a same side with a bold white line on a pcb. In case if you have a rainbow-colored ribbon cable the key is brown. Connector also has a key which should match sickscreen on a pcb.
- 4 Position the module on the mounting rails in your EuroRack case and screw down mounting screws. Power up! If your case does not turn on properly then you have installed the module incorrectly. Simply power down and make sure to follow the diagram when reconnecting the module.



BI-COLORED RIBBON



RAINBOW RIBBON



DESCRIPTION

The SPUTNIK FOUR-TAP DELAY / DUAL CROSSFADER is a modular digital delay with patch points that allow you to create a variety of time-based effects from extreme cross-modulation to subtle, tape-like warble. The delay features a three input mixer summed to the delay section.

Delay time is variable between approximately 0.05-.2 seconds or .5 seconds to 2 seconds in X10 mode. Delay time can be further modified by the CV and FM inputs. The delay then outputs four taps from the different time intervals in the delay line, which can then be used for feedback patching (like a feedback knob on a typical delay pedal) or patched into one of the two voltage controlled crossfaders (for use in feedback patching or as a wet/dry mix).

SIGNAL INPUTS

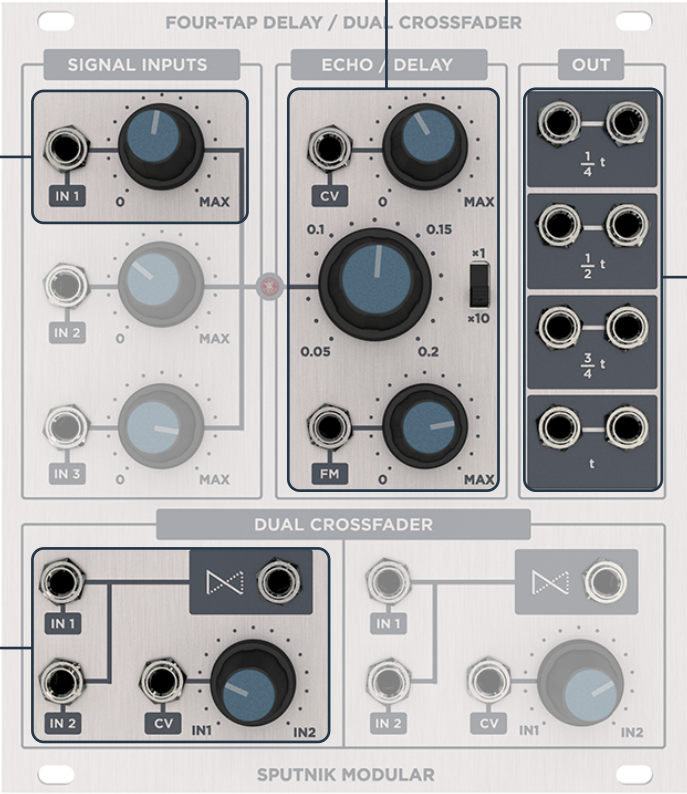
Three audio inputs (modular or line-level) with volume attenuator knobs and peak indicator LED.

ECHO / DELAY

Delay time is variable between approximately 0.05-.2 seconds (X1 mode) or .5 seconds to 2 seconds (X10 mode).

CV input (0V to +5V) to control the delay time with attenuator knob.

FM input for AC-coupled frequency modulation of delayed signal with attenuator knob.



DUAL CROSSFADER

Two crossfaders, each with an output mix that is continuously variable between the two inputs. Crossfading can be achieved via the control knob or using CV (0V to +5V).

OUT

Four audio outputs of four taps (2 output jacks each) of time divisions from the delay circuit: 1/4t, 1/2t, 3/4t, and t. "t" is set by the delay time knob.

WARRANTY

This product is covered by the Sputnik Modular warranty, for one year following the date of purchase. This warranty covers any defect in the manufacturing of this product. This warranty does not cover any damage or malfunction caused by incorrect use – such as, but not limited to, power cables connected backwards, excessive voltage levels, or exposure to extreme temperature or moisture levels.

The warranty covers replacement or repair, as decided by Sputnik Modular. Please contact customer service via our website (www.sputnik-modular.com) for a return authorization.