SPUTNIK MODULAR

CV PROCESSOR
MANUAL V.1

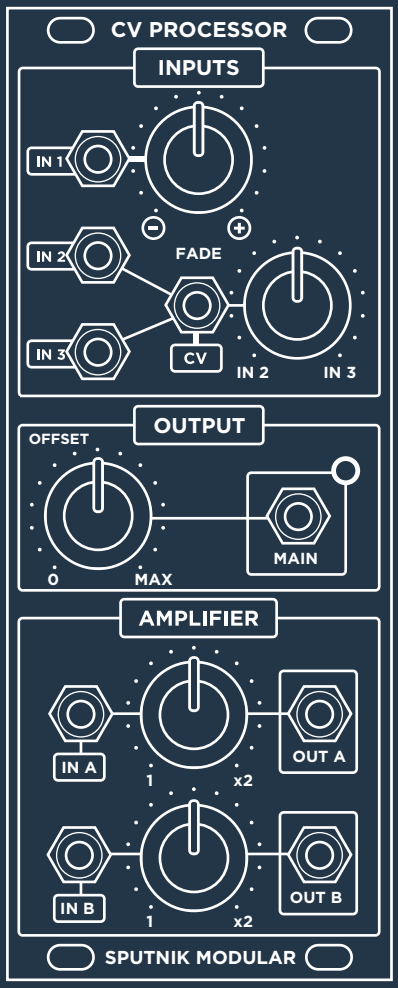


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SPECIFICATIONS

FORMAT:
EURORACK

DIMENSIONS:
10HP, 28mm deep

INTERNAL AND EXTERNAL SIGNALS (3.5mm Jacks):
CV: 0-5V, AUDIO: +/-5V

MAX CURRENT:
+12V: 40mA
-12V: 40mA
+5V: 5mA

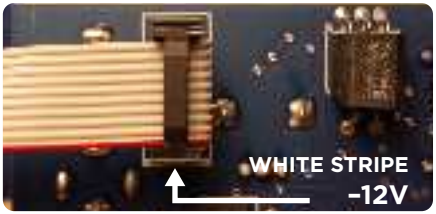
INSTALLATION

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 sikscreen 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 CV PROCESSOR is a multi-functional module for manipulating Eurorack control signals.
It can sum, invert, attenuate, amplify control voltages, also it can add offset to CV or crossfade between two CVs.
Audio signals may be processed same way as the CVs with this module.

INPUT 1

Processes incoming CV via a front a panel attenuverter for bi-directional voltage control.

INPUT 2+3 / CROSSFADER

Inputs 2 and 3 can be crossfaded by CV (0 to +5V) or manually using the crossfader knob. Applying no signal to one the the inputs make this section work as a VCA with a linear response.



OUTPUT

OFFSET
DC offset can be added to the final sum of the input stage.

SUM
Sum output of In 1 and the crossfaded mix of In 2 and In 3.

AMPLIFIER

Two independent amplifiers with manual control of gain ranging from unity to 2x gain. Designed to amplify Sputnik-standard 0-5V control voltages to up to 0-10V ranges for use with other Eurorack modules.

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.