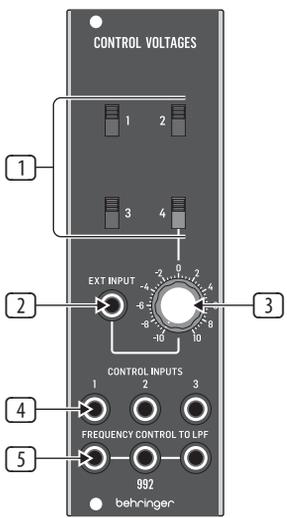


Quick Start Guide

992 CONTROL VOLTAGES

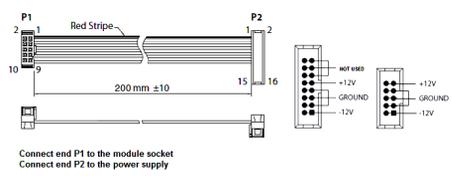
Legendary Analog CV Routing Module for Eurorack

Controls



- 1 **CV Switches** – Allow the voltage or signal from the associated input to be sent to the output jacks when the switch is in the up position. The input is disconnected when the switch is in the down position.
- 2 **EXT INPUT** – Additional input to be used with the signal-inverting attenuator circuit.
- 3 **Attenuator Knob** - Turn clockwise to adjust the CV level from 0 to 10 (unity gain). Turn counterclockwise to invert the signal from 0 to -10, which is also unity gain. At the center 0 position, the signal is off ($-\infty$).
- 4 **CONTROL INPUTS** – Connect control voltages from other modules via 3.5 mm TS cable.
- 5 **FREQUENCY CONTROL TO LPF** – Send the combined voltage from all 4 inputs to up to 3 modules via 3.5 mm TS cable.

Power Connection



Connect end P1 to the module socket
Connect end P2 to the power supply

The 992 comes with the required power cable for connecting to a standard Eurorack power supply system. Follow these steps to connect power to the module. It is easier to make these connections before the module has been mounted into a rack case.

1. Turn the power supply or rack case power off and disconnect the power cable.
2. Insert the 16-pin connector on the power cable into the socket on the power supply or rack case. The connector has a tab that will align with the gap in the socket, so it cannot be inserted incorrectly. If the power supply does not have a keyed socket, be sure to orient pin 1 (-12 V) with the red stripe on the cable.
3. Insert the 10-pin connector into the socket on the back of the module. The connector has a tab that will align with the socket for correct orientation.
4. After both ends of the power cable have been securely attached, you may mount the module in a case and turn on the power supply.

Installation

The necessary screws are included with the module for mounting in a Eurorack case. Connect the power cable before mounting.

Depending on the rack case, there may be a series of fixed holes spaced 2 HP apart along the length of the case, or a track that allows individual threaded plates to slide along the length of the case. The free-moving threaded plates allow precise positioning of the module, but each plate should be positioned in the approximate relation to the mounting holes in your module before attaching the screws.

Hold the module against the Eurorack rails so that each of the mounting holes are aligned with a threaded rail or threaded plate. Attach the screws part way to start, which will allow small adjustments to the positioning while you get them all aligned. After the final position has been established, tighten the screws down.

Specifications

Signal Connections

Control inputs	3 x 3.5 mm jacks, summed
Impedance	100 k Ω unbalanced
CV range	1 V / octave, +/-10 V maximum
External input	1 x 3.5 mm jack, summed with CV inputs
Impedance	100 k Ω unbalanced
Attenuation	$-\infty$ to unity gain, inverting and non inverting
Control outputs	3 x 3.5 mm parallel jacks
Impedance	10 Ω unbalanced
Maximum output level	+/-10 V

Controls

Control selectors	4 x sliding routing switches
Attenuator	Rotary knob, selectable

Power

Power supply	Eurorack
Current draw	10 mA (+12 V), 10 mA (-12 V)

Physical

Dimensions	35 x 40 x 129 mm (1.4 x 1.6 x 5.1")
Rack units	8 HP
Weight	0.09 kg (0.2 lbs)

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