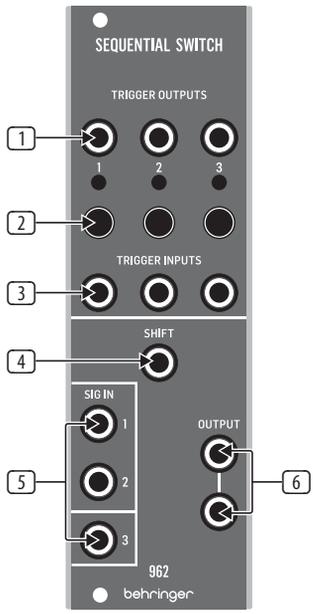


# Quick Start Guide

## 962 SEQUENTIAL SWITCH

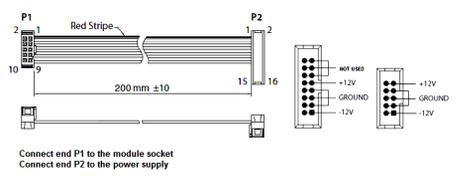
Legendary Analog CV Multiplexer Module for Eurorack

### Controls



- 1 **TRIGGER OUTPUTS** – Sends a trigger output via 3.5 mm TS cable whenever the respective stage is active. The adjacent LED will light to indicate an active stage.
- 2 **TRIGGER BUTTON** – Allows a stage to be manually selected.
- 3 **TRIGGER INPUTS** – Triggers from other modules can be connected via 3.5 mm TS cable to activate specific stages.
- 4 **SHIFT** – A trigger can be connected via 3.5 mm TS cable to activate the next stage in the sequence. When using the 962 to create a 16 or 24-step sequencer with the 960, this jack is usually connected to the OUT jack of the 960's first stage.
- 5 **SIG IN** – One of the inputs is routed to the OUTPUT jacks depending on which stage is active. If all 3 inputs are used, the module will shift in 3 stages. If only the first 2 inputs are used, the shift will alternate between stages 1 and 2. These inputs are usually connected to the 960's output section.
- 6 **OUTPUT** – Send the output to another module via 3.5 mm TS cable.

### Power Connection



The module 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.



## Specification

### Inputs

Signal inputs	
Type	3.5 mm jack, DC coupled
Impedance	> 50 k $\Omega$ , unbalanced
Maximum input level	+10 V
Trigger inputs	
Type	3.5 mm jack, DC coupled
Impedance	> 50 k $\Omega$ , unbalanced
Maximum input level	+10 V
Trigger operation	Active high, +3.5 V minimum
Shift input	
Type	3.5 mm jack, DC coupled
Impedance	10 k $\Omega$ , unbalanced
Maximum input level	+10 V
Shift operation	Active high, +1 V minimum

### Outputs

Signal outputs	
Type	3.5 mm jack, DC coupled
Impedance	500 $\Omega$ , unbalanced
Maximum output level	+10 V
Trigger outputs	
Type	3.5 mm jack, DC coupled
Impedance	< 2.5 k $\Omega$ , unbalanced
Maximum output level	+5 V
Trigger operation	Active high, +5 V

### Controls

Channel trigger button	Manually select a stage
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### Power

Power supply	Eurorack
Current draw	40 mA (+12 V), 20 mA (-12 V)

### Physical

Dimensions	31 x 40 x 129 mm (1.2 x 1.6 x 5.1")
Rack units	8 HP
Weight	0.09 kg (0.2 lbs)

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