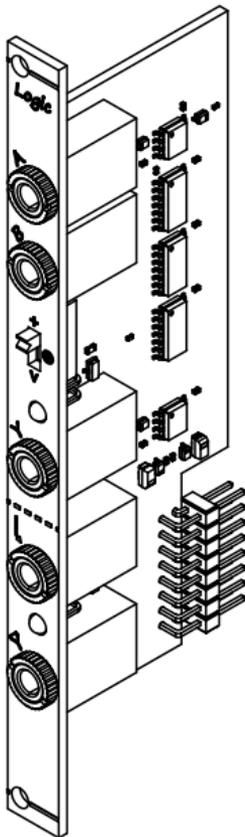
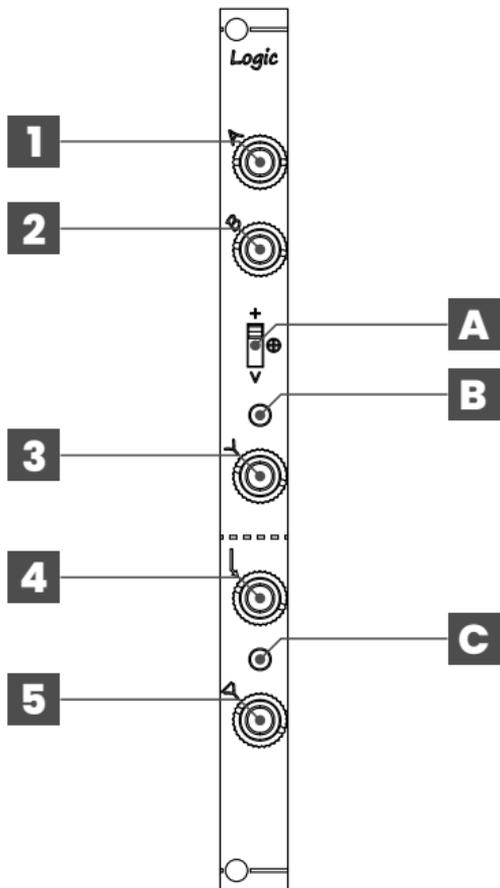


Slimline

Switchable Logic Gate





INTRODUCTION

Thank you for adding the "Slimline Switchable Logic Gate" to your modular setup. This 2HP module provides straightforward, manual switching between "OR," "AND," and "XOR" logic operations for two input signals, enhancing your system's signal processing capabilities. Additionally, it offers a "NOT" logic operation, normalized to the output of the selected logic gate, allowing for further signal manipulation. This module is designed to facilitate complex rhythmic patterns, conditional triggers, and dynamic modulation sources by combining signals in logical ways. Its simplicity and functional depth make it a practical tool for exploring the logical side of modular synthesis.

1

Input Gate A

2

Input Gate B

3

Output Gate

4

Input Negator
normalized to Output Gate

5

Output Negator

A

Logic Operation Switch

 EX-OR Operation

 AND Operation

 OR Operation

B

LED Output Gate

C

LED Output Negator

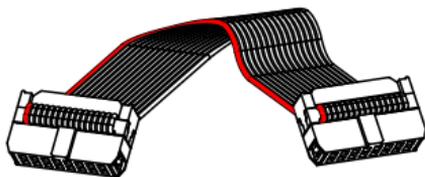
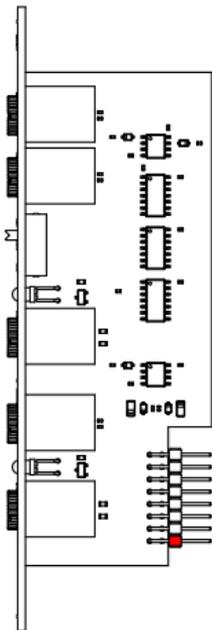
SPECIFICATIONS

Dimensions	Standard	Eurorack 3U
	Width	2HP - 9.8mm
	Depth	39mm
Current Draw	+12 Volt	30mA
	-12 Volt	15mA
	+5 Volt	not connected
Input Signals	Trigger Level	approx. 1 Volt
Output Signals	Off / On	0 Volt / 5 Volt
Impedance	Input	100 k Ω
	Output	10 k Ω
Materials	PCB	FR4 RoHS
	Front	FR4 RoHS

Module designed and assembled in Germany

INSTALLATION

When installing or removing a module from your case always turn off the power to the case and disconnect the power cable. Failure to do so may result in serious injury or equipment damage. Ensure the 10-pin connector on the power cable is connected correctly to the module before proceeding. The red stripe on the cable must line up with the -12V pins on the module's power connector. The pins are indicated with the label -12V, a white stripe next to the connector, the words "red", or some combination of those indicators.





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