

## INSTALLATION

The Logica Gater module requires the presence of a 5V supply.

Ensure that there is enough power left to supply this module.

Beware of the orientation; the stripe on the ribbon cable should match a similar stripe for the -12 (minus 12 Volts) indication on your supply board connector.

Supply rail	Current draw
+12V	0 mA
-12V	1 mA
+5V	16 mA

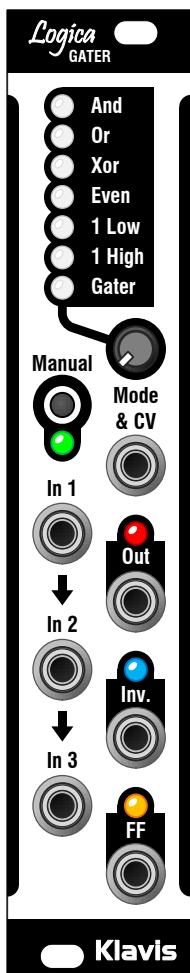
**READ ME FIRST**

## SUPPORT & ADDITIONAL INFO

The complete users manual is available on:  
[www.klavis.com/support](http://www.klavis.com/support)

Contact us: [modular@klavis.com](mailto:modular@klavis.com)

Copyright 2017 - Klavis Technologies s.a.



## USAGE & PANEL

The module combines 4 signals (3 jacks and a push-button) through various logic functions. The result is simultaneously available on two outputs that are the opposite of each other's state.

In addition, the FF output toggles every time Out goes from low to high, providing a divider by two.

Functions are selected by the sum of the knob position and the voltage present at the Mode CV jack.

When the knob + CV setting is full up or full down, Out is forced high or low respectively.

The jacks are normalized: a signal brought to In1 is replicated in cascade to inputs 2 and 3 if these are left unconnected.

The default state of the Manual button changes according to the current function and is shown on its LED.

## FUNCTIONS

Function	Out jack & (details)
On	On (Logic inputs and button are inoperative)
And	On when all inputs are on (Button defaults to ON)
Or	On if at least 1 input is on
Xor	On if 1 or more jacks are on, Off if all jacks are on. Button inverts the final result
Even	On if the number of inputs on is even
1 Low	On if only 1 input is low (Button defaults to ON)
1 High	On if only input is high
Gater	On if at least 1 input is on; retriggers with every new off-to-on input transition while out is on
Off	Off (Logic inputs and button are inoperative)