RYO Discrete TRL Boolean Logics XNOR/NOR/NOT
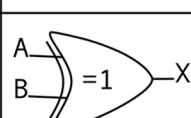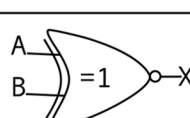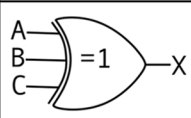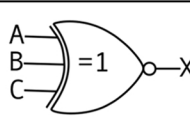
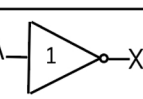❶ Gate one input 1

❷ Gate one input 2

❸ Gate one XNOR output

❹ Gate one NOR Output (normalled to Gate two input 1)

❺ Gate two input 1

❻ Gate two input 2

❼ Gate two XOR output (normalled to Gate three input 1)

❽ Gate three input 1

❾ Gate three NOT output
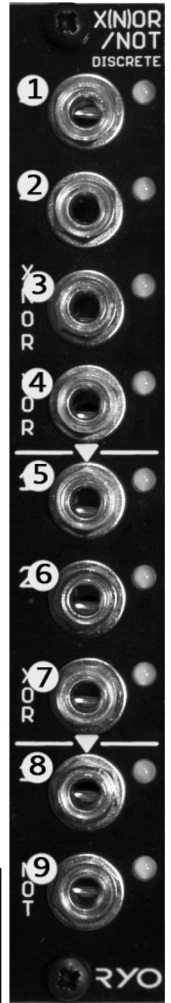
[Try dif input amplitudes, waveforms and frequency rates

including audio into inputs!] Width: 4 hp

Name			XOR	XNOR
Alg. Expr.			$X=A\oplus B$	$X=\overline{A\oplus B}$
Symbol	A	B		
Truth Table	0 0 1 1	1 0 1 0	0 1 1 0	1 0 0 1

Name				XOR	XNOR
Alg. Expr.				$X=A\oplus B\oplus C$	$X=\overline{A\oplus B\oplus C}$
Symbol	A	B	C		
Truth Table	0 0 0 0 1 1 1 1	0 0 1 1 0 0 1 1	0 1 0 1 0 1 0 1	0 1 1 0 1 0 0 1	1 0 0 1 0 1 1 0

Name		NOT
Alg. Expr.		$X=$NOT A OR $\overline{A}$
Symbol	A	
Truth Table	0 1	1 0

Option 1	Option 2	Option 3