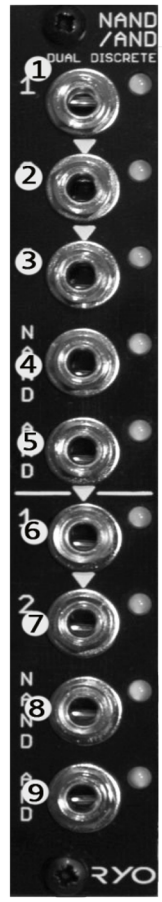
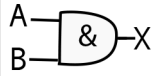
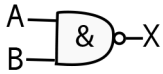
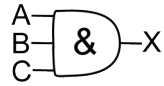
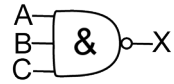
RYO Discrete TRL Boolean Logics
NAND/AND



1. Gate one input 1 (normalled 1>2)
2. Gate one input 2 (normalled 2>3)
3. Gate one input 3
4. Gate one NAND Output
5. Gate one AND Output (normalled to Gate two input 1)
6. Gate two input 1 (inputs normalled 1>2)
7. Gate two input 2
8. Gate two NAND output
9. Gate two AND output

[Try dif input amplitudes, waveforms and frequency rates including audio into inputs!] Width: 4 hp

Name			AND	NAND
Alg. Expr.			$X = AB$	$X = \overline{AB}$
Symbol	A	B		
Truth Table	0 0 1 1	0 1 0 1	0 0 0 1	1 1 1 0

Name				AND	NAND
Alg. Expr.				$X = ABC$	$X = \overline{ABC}$
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 0 0 0 0 0 0 1	1 1 1 1 1 1 1 0

Option 1	Option 2	Option 3