

This ULU

The *ULU.01 Gate trainer* and dual switch can be used as a puzzle to find gate wiring, as a demonstrator how different gates work and as a dual switch.

Used parts

The following standard parts are used:

1x casing 50*80*20mm;

10x 2mm signal socket;

10x black O-ring 9x5x2mm;

1x power socket;

In addition 2x 2-pole ON-ON switches are used (non-standard)

3x 3mm LED ;

3x resistor to dim the LED;

3x LED holder;

Construction

The standard ULU specifications are applicable as specified in the datasheet *ULU.00 – Common specifications*.

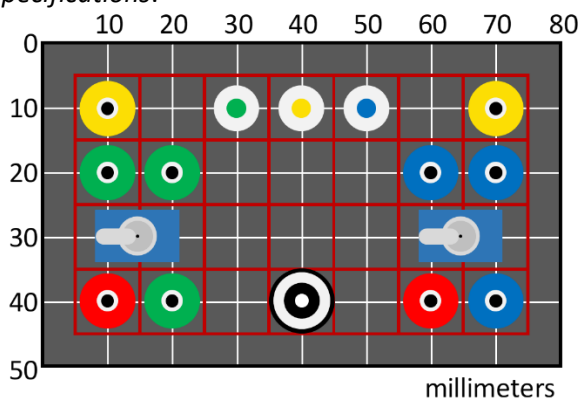


Figure 1 – Drill guide

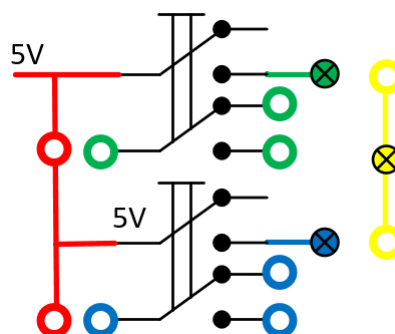


Figure 2 – Schematic (ground is left out)

Usage

The required gate is selected by plugging a connection cable, as shown in the figure below.

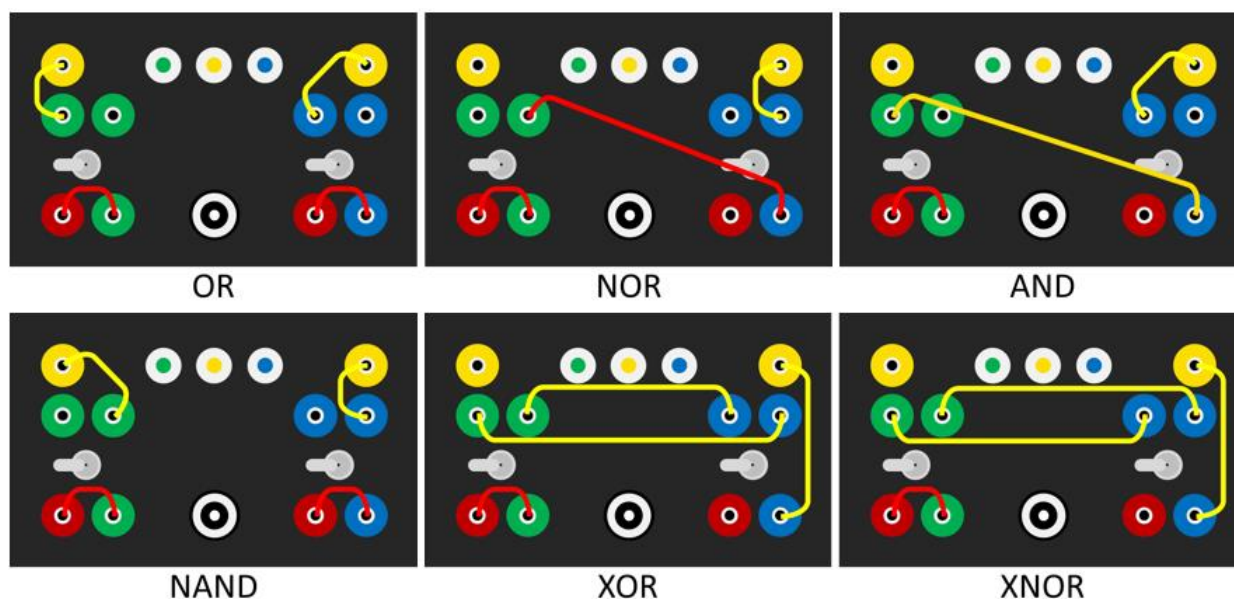


Figure 3 – Gate wiring

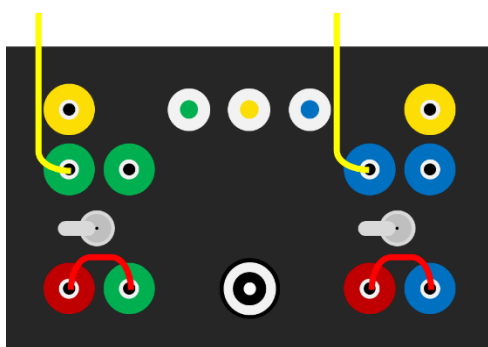


Figure 4 – Dual toggle switch wiring

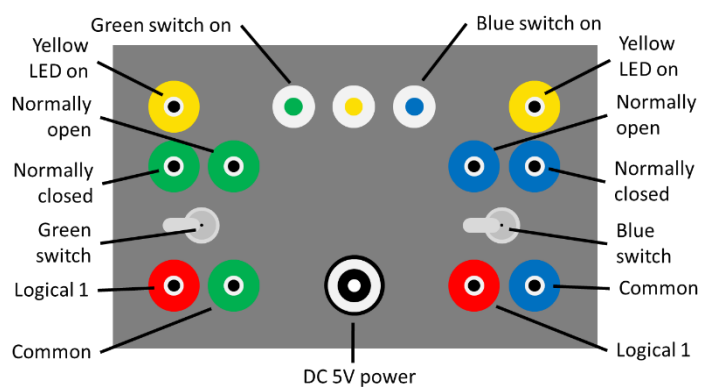


Figure 5 – Controls and connectors