

## Introduction of Rocker module

### 1. Working principle

The rocker module can be regarded as a potentiometer with two channels, which can output the analog values of the X and Y axes. When moving to the left, the smaller the X value of the output. When moving to the right, the larger the X value of the output. When moving to the up, the larger the Y value of the output. When moving to the down, the smaller the Y value of the output.

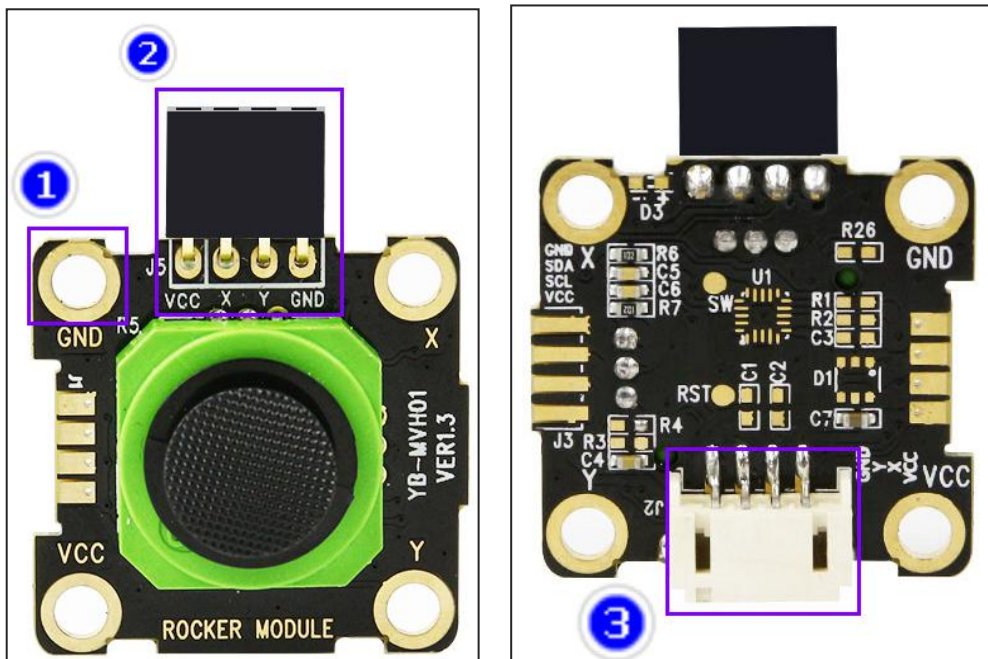
The output analog range of the X and Y axes is from 0 to 1023.

### 2. Practical application

2.1 Game machine rocker control.

2.2 Remote control car control direction.

### 3. About module



3.1 Rocker module possess 4 Alligator clip port, Corresponding to GND, VCC, Y and X. The X and Y pins are the signal output pins of the rocker module.

3.2 4 pin female socket are reserved, which can be used after welding.

3.3 PH2.0 cable interface.

The default output has both X and Y values of 512.

When moving to the left, the smaller the X value of the output. When moving to the right, the larger the X value of the output.

When moving to the up, the larger the Y value of the output. When moving to the down, the smaller the Y value of the output.

**Working Voltage: 3.3V/5V**