

**SPECIFICATIONS:-**

- This is a dual axis high quality JoyStick Module . It can be used to sense movements in 2 directions(axes). It also has a inbuilt switch which can be activated by pressing the stick.Directional movements are simply two potentiometers - one for each axis. Pots are ~10k each.
- With the help of this Joystick Module, you can measure position coordinates on the X and Y axis by moving the "hat". It also contains a switch that is press-able by pushing the "hat".It also contains a switch that is press-able by pushing the "hat" down. Similar to the XBOX controller.
- The X and Y axes are two 10k potentiometers which control 2D movement by generating analog signals. When the module is in working mode, it will output two analog values, representing two directions. This module uses the 5V power supply, and value, when reading through analog input, would be about 2.5V, a value will increase with joystick movement and will go up till maximum 5V; the value will decrease when the joystick is moved in other direction till 0V.
- Joystick module biaxial keys use SONY Corporation PS2 gamepad buttons on the original high-quality metal rocker potentiometer, analog output module and one ad hoc Road digital output interface, the output value corresponding to (X, Y) pairs axis offset which is of analog type; coordinate identifiers clear, concise, accurate positioning; using it can easily control objects (such as two degrees of freedom servo head) movement in two-dimensional space, sensor expansion board connectors etc.
- A joystick is an input device that consists of a stick that can be tilted in multiple directions to control an on-screen object. The most common use of a joystick is in video gaming. In a video game, the player uses the joystick to move their character around

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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the game world. Joysticks can also be used to control other on-screen objects, such as a cursor in a word processing program. Joysticks are usually designed to be ergonomic and comfortable to use.

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