



## Description

JoyC is a rocker module designed for the M5StickC. It supports two-hand operation. Embedded STM32F030F4 main control chip, using I2C communication protocol and host M5StickC for data transmission. The range of the joystick is 0~200, there are 12 RGB LEDs under the left and right joysticks, and the bottom of the joystick is equipped with a 16340 battery base for continuous battery life.

## Product Features

- STM32F030F4 inside
- communication protocol: I2C (address: 0x38)
- support omni-directional movement/button press

## Include

- 1x JoyC
- 1x 16340 700mAh Battery

## Applications

- Game Handle
- Wireless Joystick Device

## Specification

Resources	Parameter
net weight	81g
Gross weight	117g
Product Size	200*55*50mm
Package Size	119*89*65mm

## EasyLoader

[click to download EasyLoader](#)

1.EasyLoader is a simple and fast program burner. Every product page in EasyLoader provides a product-related case program. It can be burned to the master through simple steps, and a series of function verification can be performed.(Currently EasyLoader is only available for Windows OS)

After downloading the software, double-click to run the application, connect the M5 device to the computer through the data cable, select the port parameters, click "Burn" to start burning. (For M5StickC burning, please Set the baud rate to 750000 or 115200 )

## Example

### 1. Arduino

Use with RoverC HAT, please click [here](#)

Use alone [here](#)

### 2. UIFlow

