Manuals+ — User Manuals Simplified.

tsticks GRS Push and Pull Spinner V2 User Manual
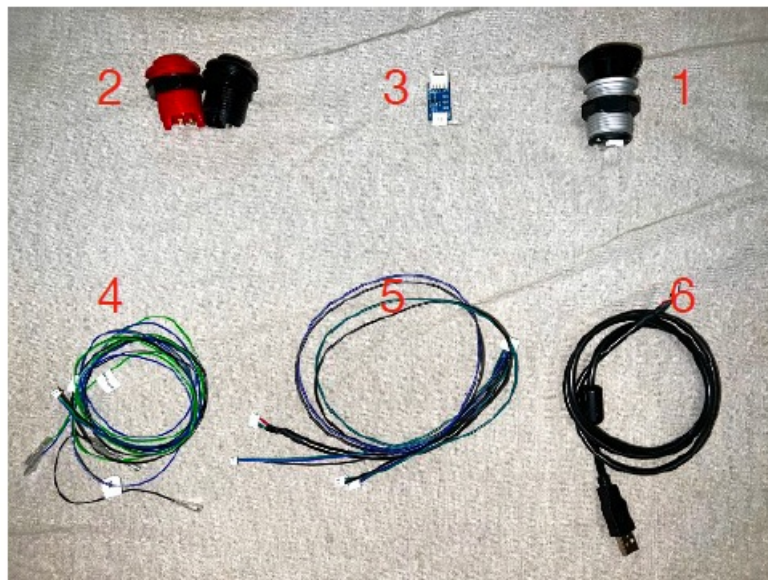
Contents

tsticks

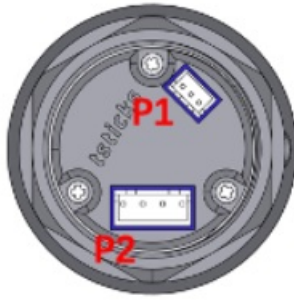**tsticks GRS Push and Pull Spinner V2**

What is included

GRS Push & Pull Spinner V2 (TS-DOT-02)

- GRS Push & Pull Spinner (Model Name: TS-DOT-02) X 1
- Gold leaf arcade buttons X 2
- Push button IO conversion board X 1
- Wiring harness for scroll up and scroll down buttons X 1
- Wiring harness for push button IO functionality X 1
- USB cable

How to hook up the spinner with push buttons for mouse scrolls?

Spinner JST Connector

Spinner JST Connector

1. Use the wiring harness for scroll up and scroll down buttons
2. Make sure the button output mode is "Disable"

3. Connect the wiring harness for scroll buttons JST side to the spinner P1

4. Hook up the green (Signal) wire and black (GND) wire for scroll down button
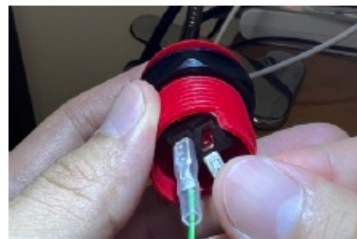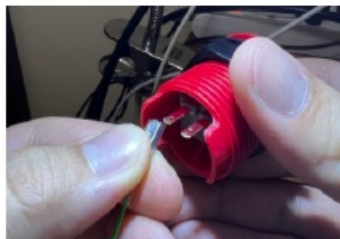
5. Hook up the blue (Signal) wire and black (GND) wire for scroll up button

6. You should see something like this if everything has been connected correctly

7. Now hook up the USB cable JST side to the spinner P2

8. Finally connect the USB cable to your device, GAME ON!

How to enable push & pull to function as standard button output

Spinner JST Connector
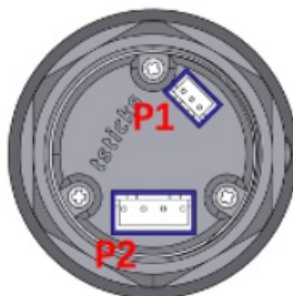
Spinner JST Connector

1. Make sure the button output mode is "Enabled"
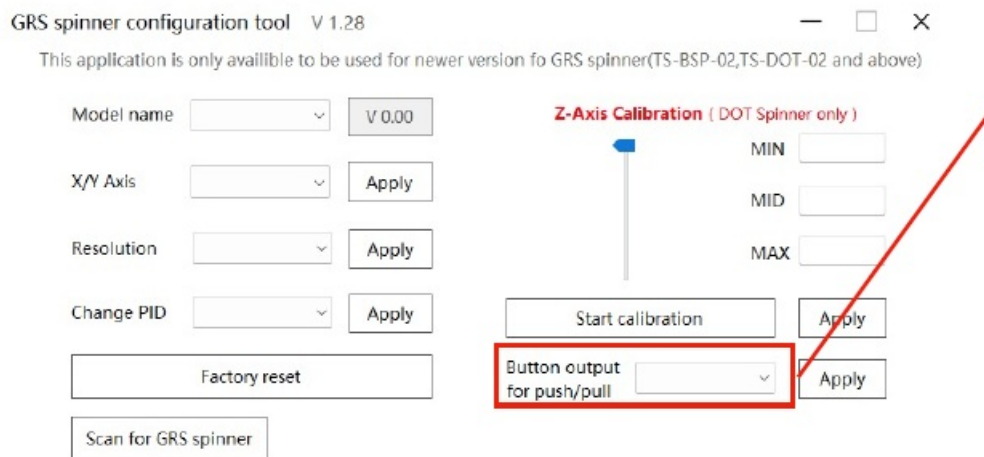
2. Connect the USB wiring harness JST side with the conversion board

3. Connect Wiring harness for push button larger JST side with the other side of the conversion board
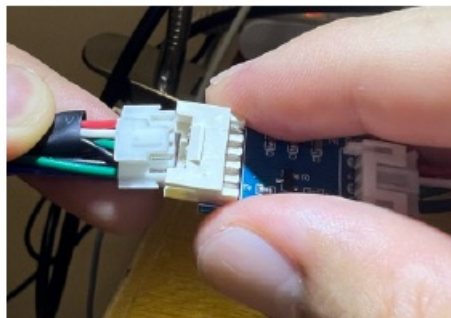
4. Now hook up the wiring harness for push button IO larger JST connector with P2 on the spinner

5. Hook up the smaller connector from wiring harness for push button with P1 on the spinner

6. Setup is completed you can now connect these two JST 2.54 connector for push and pull button with your external encoder board
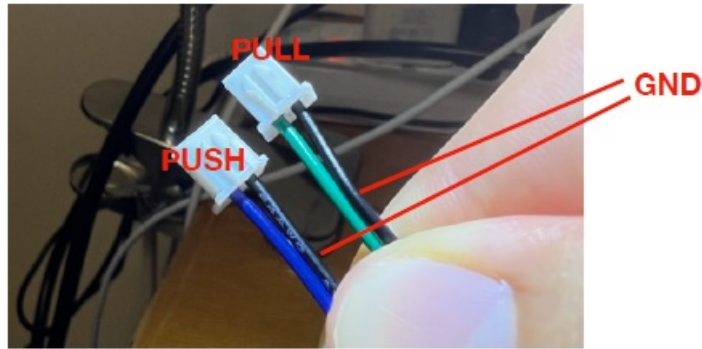
7. Finally connect the USB cable to your device, GAME ON!

GRS Spinner Configuration Tool

(For TS-DOT-02 and TS-BSP-02 and above version only)

Features of GRS Spinner Configuration Tool

- Configurability for spinner cursor movement between X and Y Axis
- Configurable resolution between 3 different preset CPIs: 360, 720, and 1440
- Ability to append an ID to the spinner driver's name
- Ability to enable push and pull function as a standard button IO signal
- TS-DOT-02 or above "Push" and "Pull" button calibration
- Download here

(For TS-DOT-02 and TS-BSP-02 and above version only)

Spinner model name and firmware version

Select between X and Y axis for cursor movement. Click apply to save change

Change the spinner resolution between 360, 720, and 1440 CPI. Click apply to save change

Change the product ID displayed at driver level. Click apply to save change

GRS spinner configuration tool   V 1.28

This application is only avalible to be used for newer version fo GRS spinner(TS-BSP-02,TS-DOT-02 and above)

Model name [▾] [V 0.00]

X/Y Axis [▾] [Apply]

Resolution [▾] [Apply]

Change PID [▾] [Apply]

[Factory reset]

[Scan for GRS spinner]

Z-Axis Calibration (DOT Spinner only)

MIN [   ]
MID [   ]
MAX [   ]

[Start calibration] [Apply]

Button output for push/pull [▾] [Apply]

TS-DOT-02 push & pull button calibration. Click apply to save change

Enable/Disable TS-DOT-02 push & pull to function as a conventional push button. Enable this mode to allow the signal for the "push" and "pull" buttons used with the external encoder board

1. Click start button to start calibration.
2. Pull up the spinner knob to the maxmum position and rotate the konb while mantaining at the maximum position.
3. Push down the spinner knob to the maxmum position and rotate the konb while mantaining at the maximum position.
4. Click apply to save the configuration.

Instructions for calibration

Documents / Resources

GRS Push & Pull Spinner V2 User manual TS-DOT02 2020/8/12 tsticks	**tsticks GRS Push and Pull Spinner V2** [pdf] User Manual GRS Push Pull Spinner V2, Push Pull Spinner V2, Pull Spinner V2

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