Rocket-Switch-Interface
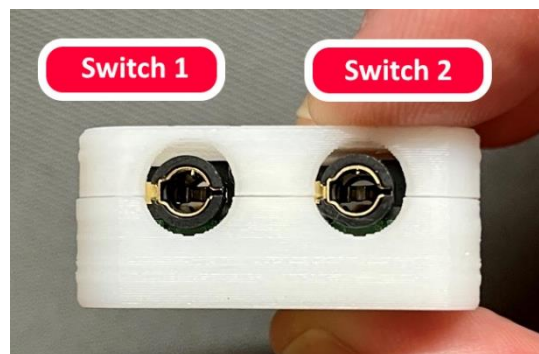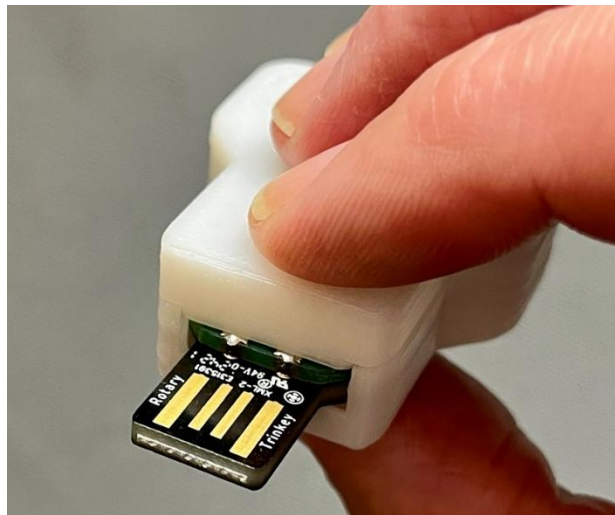## USER QUICK GUIDE V1.1

Introduction

The Rocket Switch Interface is a USB switch interface device which enables users to operate their computer or smartphone devices using assistive switches. Up to two assistive switches with 3.5 mm connections can be used. When a connected assistive switch is activated, a keystroke or mouse click will be generated depending on the operating mode. The Rocket Switch Interface can operate in three different modes, and has an adjustable reaction time.
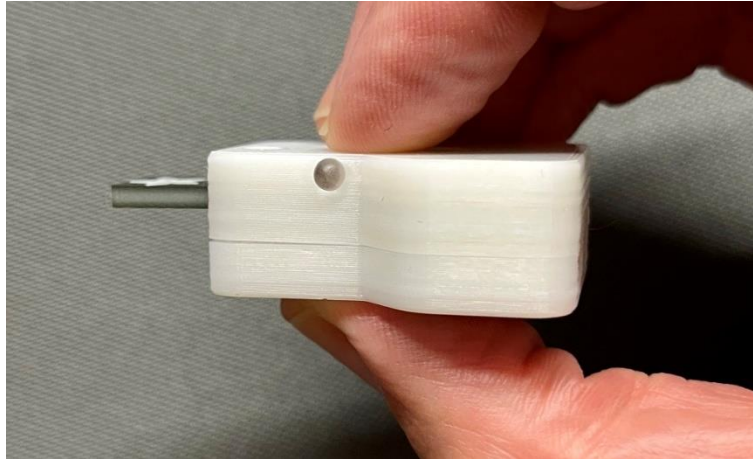
Features

Switch Inputs

Type-A USB Connector

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LED Indicator

Usage

Setup

1. Connect an assistive switch to the 3.5 mm audio jack labelled 'Switch 1'.
2. Connect a second assistive switch to the 3.5 mm audio jack labelled 'Switch 2'.
3. Locate a USB type A ports on the host device. You may need an adapter cable if your device doesn't support USB type A.
4. Plug the USB connector of Rocket switch interface to the located USB type A port on your computer or smartphone device.
5. The side mounted LED should turn on, and stay in a teal color, to indicate the device is ready to use.

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Selecting Mode

There are three operating modes and a fourth mode for adjusting the reaction time. The operating mode is indicated by the color of the LED. The operating mode can be changed by cycling through the modes, this is done by pressing and holding Switch 1 for 4 seconds.

Operating Modes				
Mode	Mode	Switch 1 Action	Switch 2 Action	LED Color
1	Switch	A Key	B Key	Teal
2	Switch Mac	F1 Key	F2 Key	Pink
3	Mouse	Left Click	Right Click	Purple
4	Settings	Decrease Reaction Time	Increase Reaction Time	Orange

Feedback

When a connected assistive switch is pressed, the LED will provide visual feedback.

Visual Feedback			
		Input Action	
		Short Press	Long Press (> 4 Seconds)
Input	Switch 1	Red	Mode Color (Teal, Pink, Purple, Orange)
	Switch 2	Blue	n/a

Changing Reaction Time

The Reaction Time can be changed to suit the user's preferences. The default reaction time is 100 ms. There are 10 different options for Reaction Time.

1. Press and hold Switch 1 for 4 seconds to cycle through the operating modes. Repeat until the LED turns Orange.
2. Short press Switch 1 or Switch 2 to decrease or increase the Reaction Time.

Adjusting Reaction Time		
Input	Action	LED
Switch 1	Decrease Reaction Level	Blinks Red
Switch 2	Increase Reaction Level	Blinks Blue

3. Press and hold Switch 1 for 4 seconds to return to the desired operating mode.
4. The number of LED blinks indicates the reaction level (Example: 5 Blinks indicates reaction level 5)

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Reaction Time	
Reaction Level	Reaction Time
1	500 ms
2	450 ms
3	400 ms
4	350 ms
5	300 ms
6	250 ms
7	200 ms
8	150 ms
9 (Default)	100 ms
10	50 ms

5. The LED blinks six times in a yellow color when the updated reaction level reaches minimum or maximum reaction level.

Compatibility

Compatibility	
Operating System	Compatible
Windows	Yes
Mac	Yes
Android	Yes
iOS	Yes

Specifications

Dimensions: 51.1 mm x 33.5 mm x 14.5 mm

Cleaning

The Rocket-Switch-Interface can be wiped down with a damp cloth Do not submerge the device. Do not expose to high heat.