## Introduction

The Rocket-Switch-Interface is a switch interface device which enables users to operate their computer or smartphone devices using adaptive switches. Rocket-Switch-Interface supports up to two input 3.5mm adaptive switches.

## Features

Rocket-Switch-Interface can operate in four modes presented in Table 1.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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 |

**Table 1: Rocket-Switch-Interface modes**

## Usage

Both switches can be used as inputs when short pressed, switch 1 can be used to change the operation mode when it’s pressed and hold for 4 seconds. Table 2 represents all the possible actions for switches and their corresponding led feedback.

|  |  |  |
| --- | --- | --- |
| Switch | Action | Color |
| 1 | Short press | Blue |
| 2 | Short press | Red |
| 1 | Long Press | Mode Led Color |

**Table 2: Rocket-Switch-Interface switch actions and feedback**

The reaction time can be changed using switches when the interface is in Settings mode. The default reaction level is set to 9. The following table represents the reaction levels and their corresponding reaction times:

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

**Table 3: Rocket-Switch-Interface reaction levels**

The reaction level can be changed by the following actions in the settings mode:

|  |  |  |
| --- | --- | --- |
| Switch Number | Action | LED Color |
| 1 | Decrease Reaction Level | Red |
| 2 | Increase Reaction Level | Blue |

**Table 4: Rocket-Switch-Interface settings actions**

## Compatibility

|  |  |
| --- | --- |
| Operating System | Compatible |
| Windows | Yes |
| Mac | Yes |
| Android | Yes |
| iOS | Yes |

**Table 5: Rocket-Switch-Interface compatibility**

## Specifications

Dimensions: 51.1 mm x 33.5 mm x 14.5 mm

## Cleaning

The Rocket-Switch-Interface can be wiped down with sanitizing cleaners. Please do not wash the Rocket-Switch-Interface in high heat as it may cause it to melt or could damage the electronics inside.