# Introduction

The Ivy Nunchuck Joystick Adapter enables a Nunchuck controller to be used as a USB HID Mouse or USB HID Gamepad. The Nunchuck Controller has a thumb joystick and two buttons.

# Features



Nunchuck Controller

USB Cable

Ivy Nunchuck Joystick Adapter

# Usage

## Setup

1. Plug the Nunchuck Controller into the Ivy Nunchuck Adapter.
2. Plug the USB-C end of the USB Cable into the Ivy Nunchuck Adapter.
3. Connected the other end of the USB cable to the host device (use a suitable adapter if necessary).

## Swapping between Mouse and Gamepad Mode

1. While holding down the two buttons on the Nunchuck, press and release the Reset button on the Ivy Nunchuck Joystick Adapter. Release the two buttons.
2. Press the C button to toggle between modes. The light on the Ivy Nunchuck Adapter will indicate the current mode: USB HID Mouse - Yellow, USB HID Gamepad - Blue.
3. Press and release the Z button to set the mode.

## Mouse Mode

1. Move the joystick to control the cursor.
2. Press the C button to left click.
3. Press the Z button to right click.

## Gamepad Mode

1. Move the joystick to control the joystick.
2. Press the C button to activate Button 1.
3. Press the Z button to activate Button 2.

## Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nunchuck** | **Mouse** | **Joystick** | | |
| **PC** | **XAC (Left USB)** | **XAC (Right USB)** |
| Joystick | Cursor Movement | Joystick Movement | Left Thumbstick | Right Thumbstick |
| C | Left click | Button 1 | X1 | View |
| Z | Right Click | Button 2 | X2 | Menu |

# Compatibility

* USB HID Mouse: PC, Mac, Android Smartphone, Apple Smartphone (iOS 13+)
* USB HID Gamepad: PC, Xbox Adaptive Controller

# Specifications

|  |  |
| --- | --- |
| Nunchuck Joystick Range of Motion | ±30° |
| Nunchuck Joystick Range of Motion | ± 15 mm |
| Nunchuck Joystick Activation Force | 100 grams |
| Nunchuck Weight | 68 grams |
| Enclosure Height | 25 mm |
| Enclosure Width | 45 mm |
| Enclosure Length | 51 mm |
| Enclosure Weight | 21 grams |

# Cleaning

The outside of the enclosure can be cleaned with a damp cloth. Do not use hot water. Do not submerge the device.