

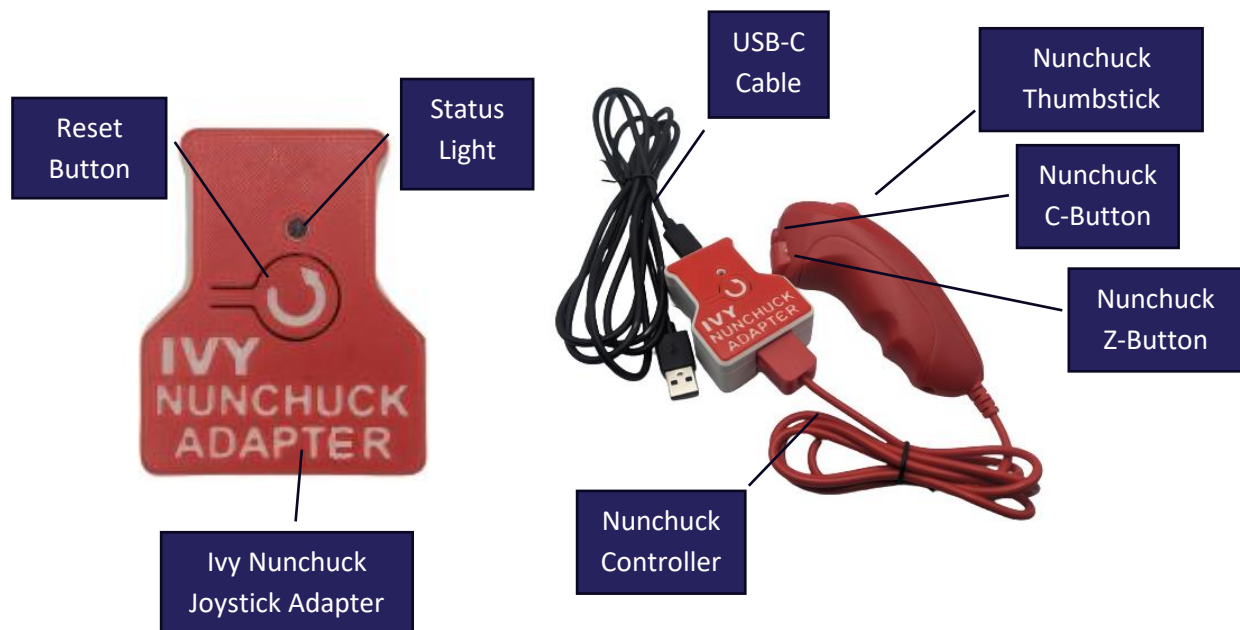
# Ivy Nunchuck Joystick Adapter

## USER GUIDE

## 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. A status light on the enclosure of the Adapter indicates which operating mode the device is in.

## Features



## Setup

1. Plug the **Nunchuck Controller** into the **Ivy Nunchuck Joystick Adapter**.
2. Plug the USB-C end of the USB Cable into the **Ivy Nunchuck Joystick Adapter**.
3. Connect the other end of the USB cable to the **Host Device** (use a suitable Adapter if necessary).
4. If desired, you can use hook and loop fastener to mount the Ivy Adapter.

## Swapping between Mouse and Gamepad Mode

1. Reset the Adapter. Before the red light turns off, press and hold the two buttons on the Nunchuck until the light turns green, then release the two buttons.
2. Press the C button (round button) to toggle between modes. The light on the Adapter will indicate the current mode: USB HID Mouse - Yellow, USB HID Gamepad - Blue.
3. Press and release the Z button (square button) to set the mode. The light will blink in the selected colour.
4. Cycle the power by pressing the reset button or disconnecting and reconnecting USB cable.

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## Usage

Mouse Mode	Gamepad Mode
<b>Status Light: Yellow</b>	<b>Status Light: Blue</b>
<ul style="list-style-type: none"> <li>Move the joystick to control the cursor.</li> <li>Press the C button to left click.</li> <li>Press the Z button to right click.</li> <li>Hold the Z button for 2 seconds to enter scroll mode. LED will turn purple. Move joystick to scroll. Press Z button again to exit scroll mode.</li> </ul>	<ul style="list-style-type: none"> <li>Move the joystick to control the joystick.</li> <li>Press the C button to activate Button 1.</li> <li>Press the Z button to activate Button 2.</li> </ul>

## Mapping

Nunchuck	Mouse	Joystick		
		PC	XAC (Left USB)	XAC (Right USB)
<b>Joystick</b>	Cursor movement (Scroll movement if in scroll mode (purple LED))	Joystick movement	Left Thumbstick	Right Thumbstick
<b>C (Round)</b>	Left click	Button 1	X1 (Left Stick Up)	View
<b>Z (Square)</b>	Right click (Long press -> enter scroll mode)	Button 2	X2 (Left Stick Down)	Menu

Note: Default XAC mappings can be modified through the [Xbox Accessories App](#).

## Host Device Compatibility

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

## 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	48 mm
Enclosure Length	58 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.