

# OkiBoard V2

## User Guide

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## 1.0 Tech Specs

Tech Specs	
Dimensions	340 mm (L) x 200mm (W) x 23.5mm(H)
Weight	1.8kg
Connectivity	USB-C 2m cable Included
Art Panels	Acrylic Top and bottom
Switches	Kailh Box Red action and movement keys, Kailh Box Navy system keys
Button Caps	24mm and 30mm Punk Workshop button caps. 1U Square keycaps
Compatibility	PCB dependant, see table below
SOCD	4 SOCD Modes

## 2.0 Compatibility

Console	Brook Gen-5X	GP2040- CE
PC	✓	✓
PS5	✓	✗
PS4 Games on PS5	✓	✗
PS3	✗	✓
Xbox Series S/X	✓	✗
Nintendo Switch	✓	✓

### 2.1 Dongles

You can add PS5 compatibility to GP2040-CE boards by installing a [Mayflash Magicboots Dongle](#) into the Reflex Fighting Boards USB-A port and [enabling the correct settings](#) in the web configurator.

There is also the option to enable PS4/5 compatibility by uploading authentication codes via the web configurator. OkiBoard Arcades cannot provide these codes, but they are available on the internet.

There is also the option to enable PS5, PS4 and Xbox compatibility by uploading authentication codes via the web configurator. OkiBoard Arcades cannot provide these codes, but they are available on the internet.

### 3.2 Upgrades

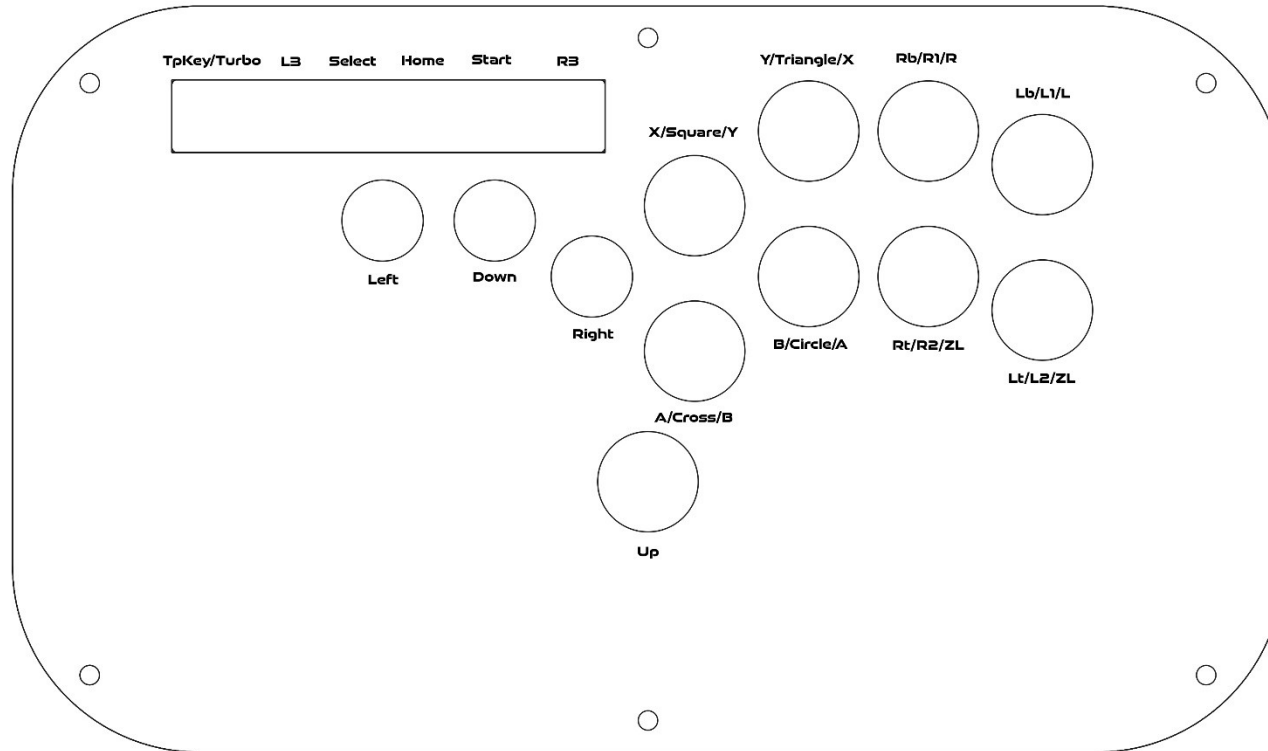
There is a space to install the Brook UFB-UP5 upgrade, which adds PS5 compatibility to certain Brook PCBs.

The controller is compatible with external adapters such as those made by Brook and Mayflash.

## 3.0 Button Layouts

## 3.1 V2 HIT

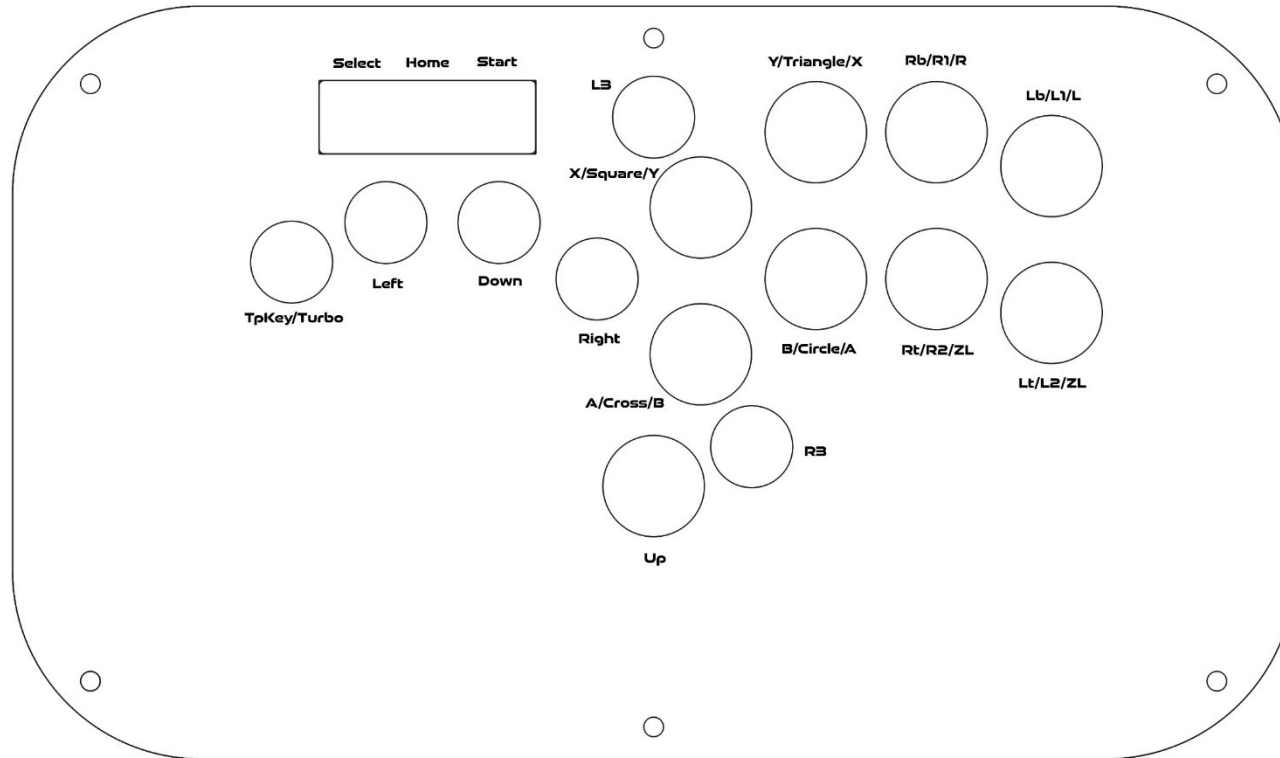
### Key - Xbox/Playstation/Switch



### 3.2 V2 H2T

### 3.3 V2 M1X

### 3.4 V2 M2X



## 4.0 Okiboard V2 Brook Gen-5X Manual

### 4.1 Input Modes

To manually change input mode hold the button while plugging in your device.

Console	Button
PC/ Xbox 360	L1
Switch	R1
Xbox Series S/X	Triangle
PS5	Square

The mode should be automatically chosen depending on the device you are connecting to. If you are having trouble with your console detecting the controller, then try manually selecting the mode.

### 4.2 SOCD Modes

To change SOCD mode hold the button while plugging in your device.

Mode 1 is the default.

SOCD modes are saved automatically.

	Mode 1 Up Priority	Mode 2 Neutral	Mode 3 Last Priority	Mode 4 Bypass
Hold Button	Left	Up	Down	Right
←+→	Neutral	Neutral	→	←+→
→+←	Neutral	Neutral	←	→+←
↑+↓	↑	Neutral	↑	↓+↑
↑+↓	↑	Neutral	↓	↑+↓

### 4.3 Stick Emulation

To change the active stick, hold the button combinations for three seconds.

Input Mode	Hold Buttons
D-Pad	Start + Up
Left Stick	Start + Left
Right Stick	Start + Right

### 4.4 Touchpad Emulation

Press the corresponding buttons to emulate the touchpad.

Touchpad Operation	Press Buttons
Right Touchpad Click	Tpkey + Right
Middle Touchpad Click	Tpkey
Left Touchpad Click	Tpkey + Left

### 4.5 Brook Documentation

Full documentation and firmware available [here](#).

## 5.0 OkiBoard V2 GP2040-CE Manual

### 5.1 Input Modes

To manually change input mode hold the button while plugging in your device.

The mode should be automatically chosen depending on the device you are connecting to. If you are having trouble with your console detecting the controller, then try manually selecting the mode.

Console	Button
PC/ Xbox 360	Circle
Switch	Cross
PS3	Square
PS4/5	Triangle
Keyboard	R2

### 5.2 SOCD Modes

To change SOCD mode press the buttons while the controller is plugged in.

Mode 2 is the default.

SOCD modes are saved automatically.

	Mode 1 Up Priority	Mode 2 Neutral	Mode 3 Last Priority
Press Buttons	Home + Start + Up	Home + Start + Down	Home + Start + Left
←+→	Neutral	Neutral	→
→+←	Neutral	Neutral	←
↑+↓	↑	Neutral	↑
↑+↓	↑	Neutral	↓

### 4.3 Stick Emulation

Input Mode	Hold Buttons
D-Pad	Start + Select + Down
Left Stick	Start + Select+ Left
Right Stick	Start + Select + Right

### 4.4 PS4/PS5 Compatibility

You can add PS5 compatibility to GP2040-CE boards by installing a [Mayflash Magicboots Dongle](#) into the Reflex Fighting Boards USB-A port and [enabling the correct settings](#) in the web configurator.

There is also the option to enable PS4/5 compatibility by uploading authentication codes via the web configurator. OkiBoard Arcades cannot provide these codes, but they are available on the internet.

### 4.5 Advanced Configuration

The GP2040 firmware has a built-in configuration app which runs from a local webserver.

From here you can do many things including re-mapping the button layout.

To access the configuration app from a computer:



Hold START while plugging the controller into a computer.

Open a browser and navigate to <http://192.168.7.1>

## 4.6 GP2040-CE Firmware/Documentation

Full documentation available [here](#).

The Reflex Fighting Board GP2040-CE firmware is available to download [here](#).