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Gen-SX^{mini} FIGHTING BOARD

User Guide



Before using the product, we recommend visiting the official website to update the firmware to ensure the best possible experience.



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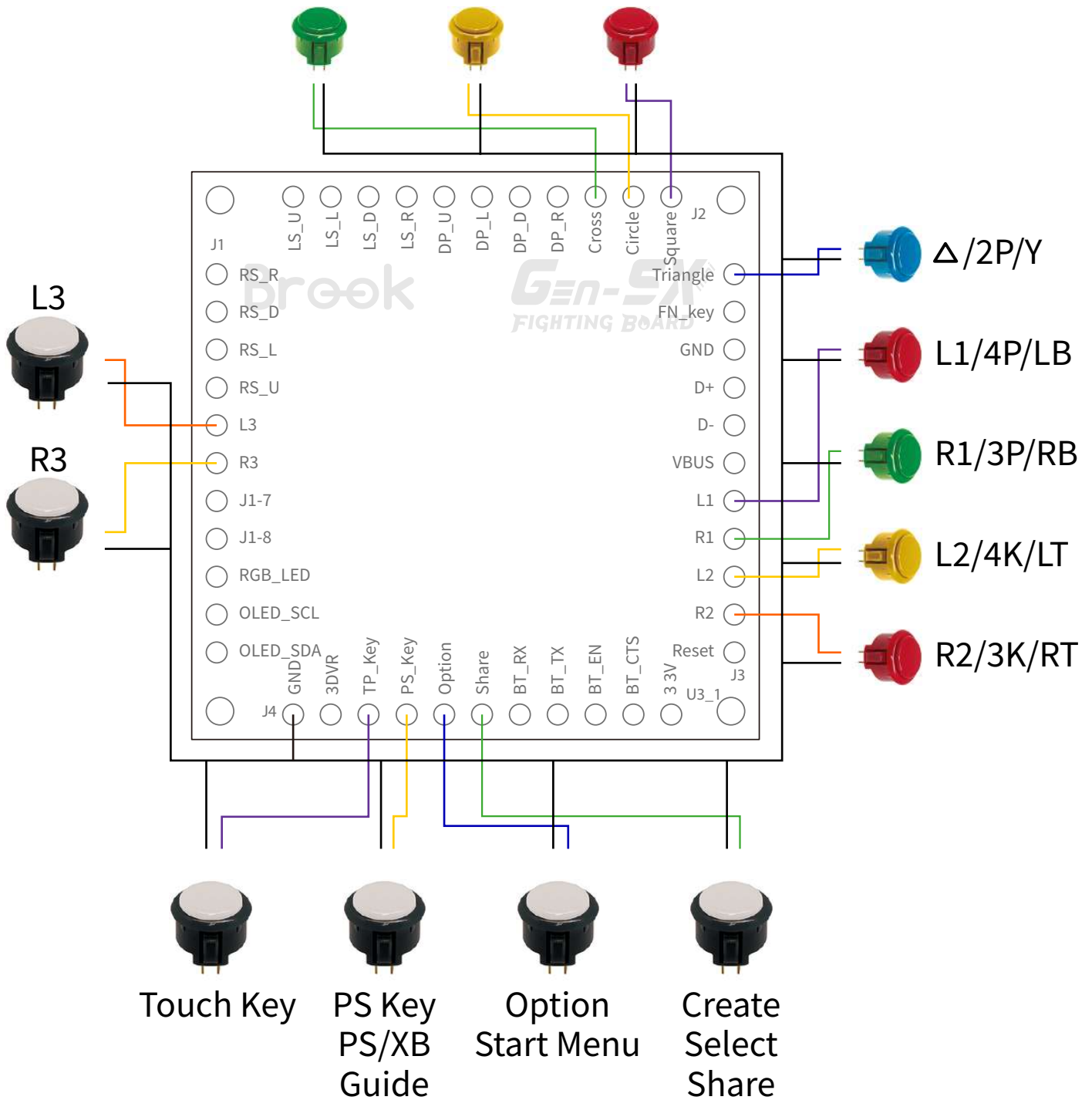
How to connect the Buttons

— GND

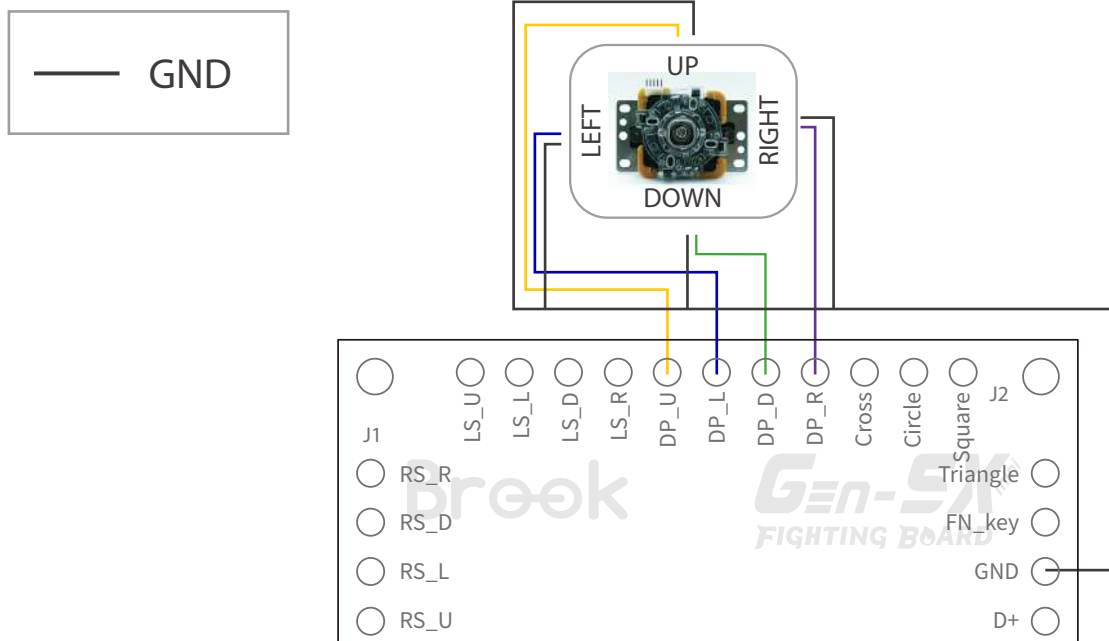
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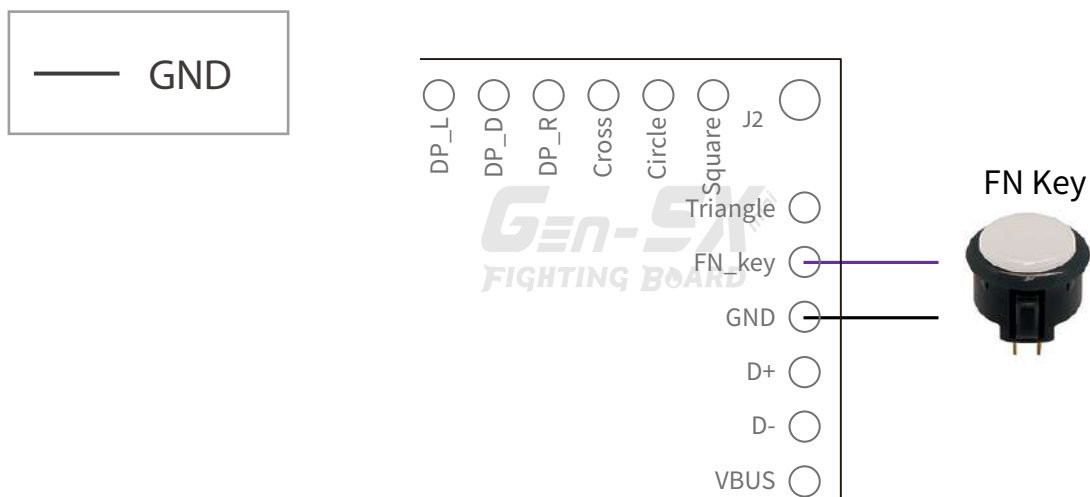
X/1K/A O/2K/B □/1P/X



How to connect the Stick



How to connect FN key

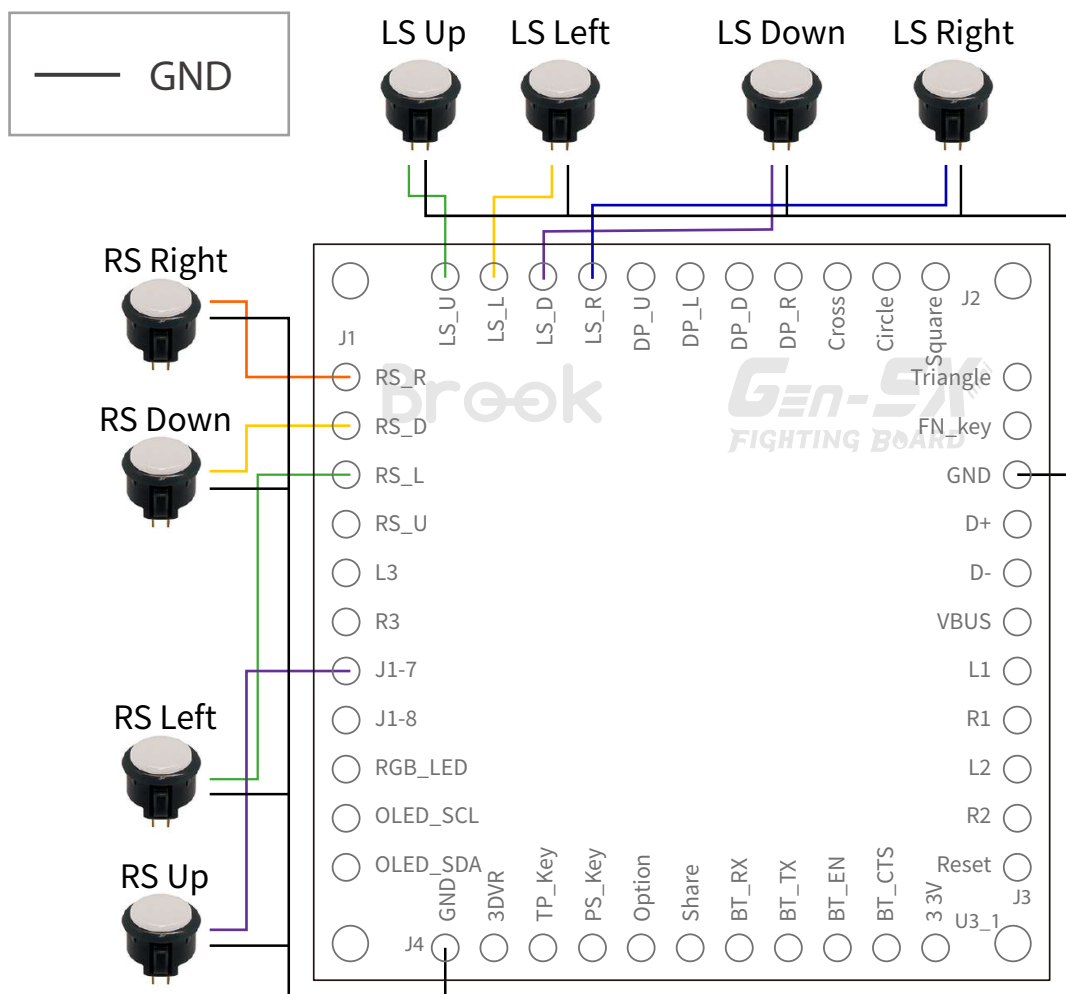


*To use Turbo, RGB LED adjustment, and other settings with hotkey operations, it is necessary to connect an external FN key.

Turbo function setting

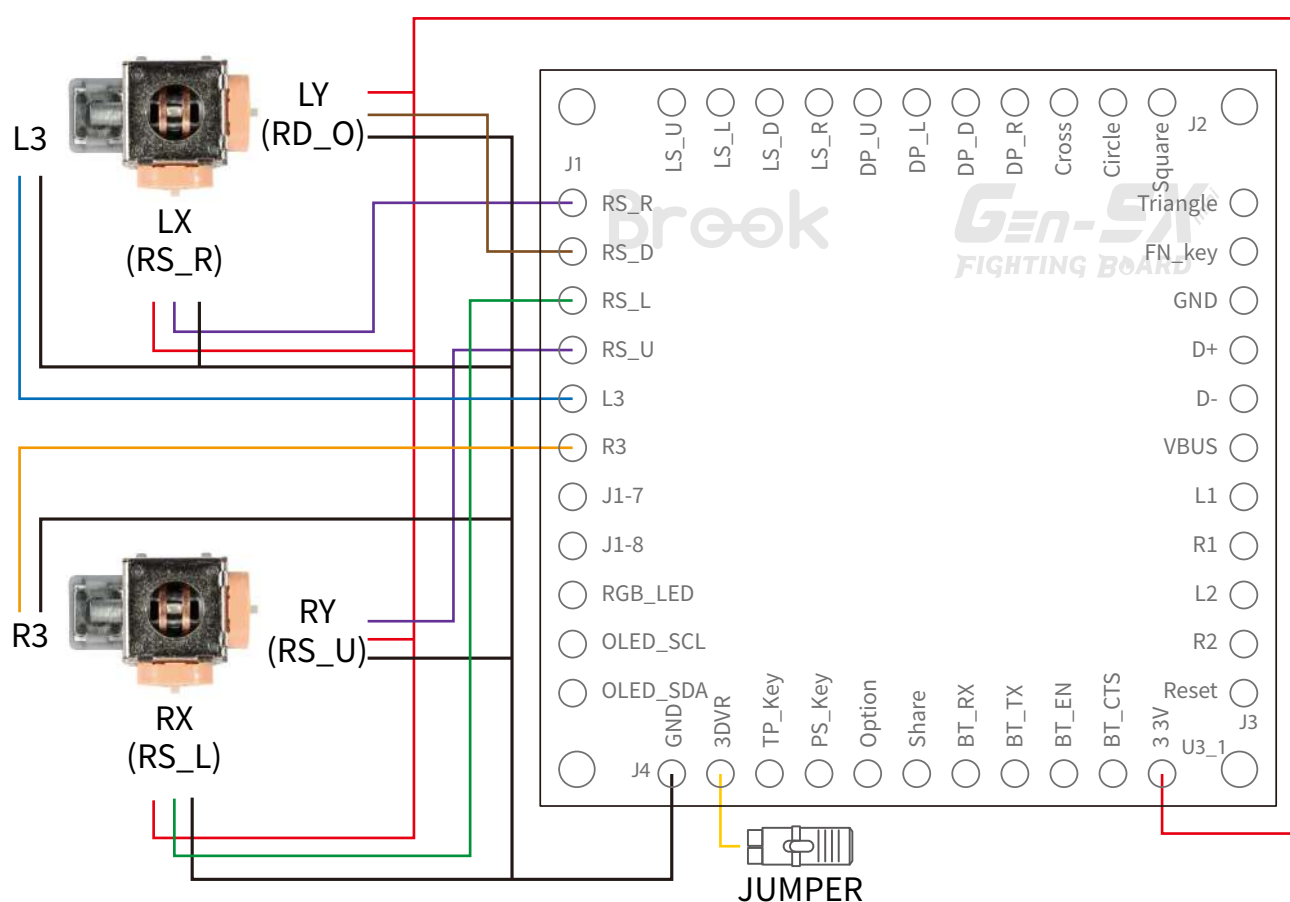
- There are currently five button press frequencies available : 5, 10, 15, 20, and 25 Hits/Sec.
- Hold 【Fn+Option】 , then press ↑ to increase the frequency; press ↓ to decrease the frequency.
- Hold 【Fn+ Option】 , then press the button you want to set or cancel the turbo function
- The buttons that can be set for the Turbo function are : 1P 、 2P 、 3P 、 4P 、 1K 、 2K 、 3K 、 4K 、 L3 、 R3

How to connect RS/LS button



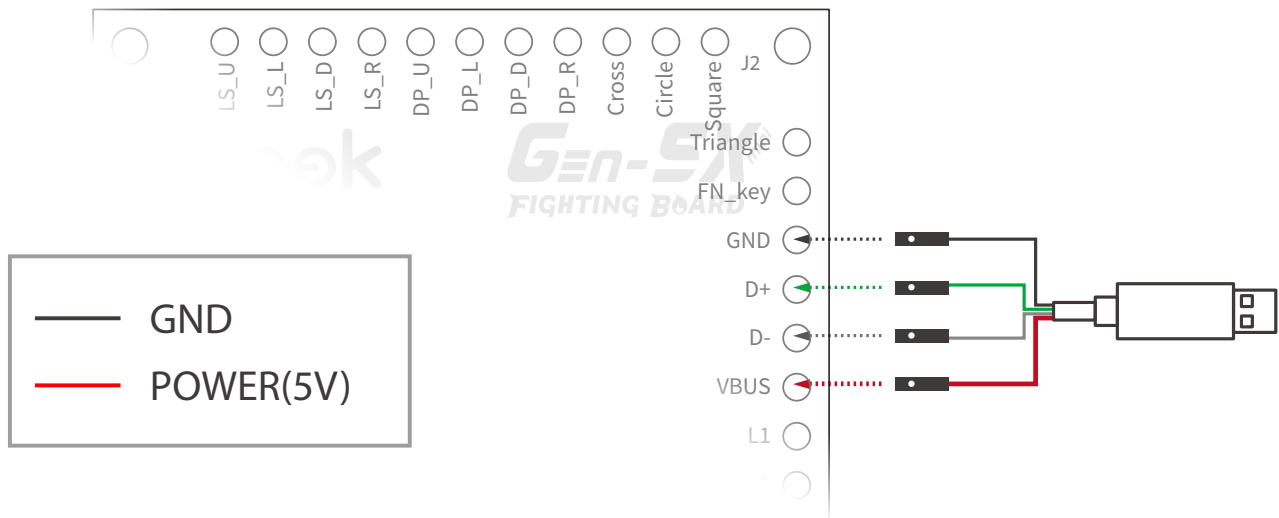
How to connect Rstick/Lstick

— GND
— POWER(3.3V)



*If a digital-analog joystick is installed, the stick will not be able to switch between RS/LS modes.

How to connect the USB



How to connect Bluetooth module

If the Bluetooth module is not installed, follow the steps below to set it up on the PS5 console.

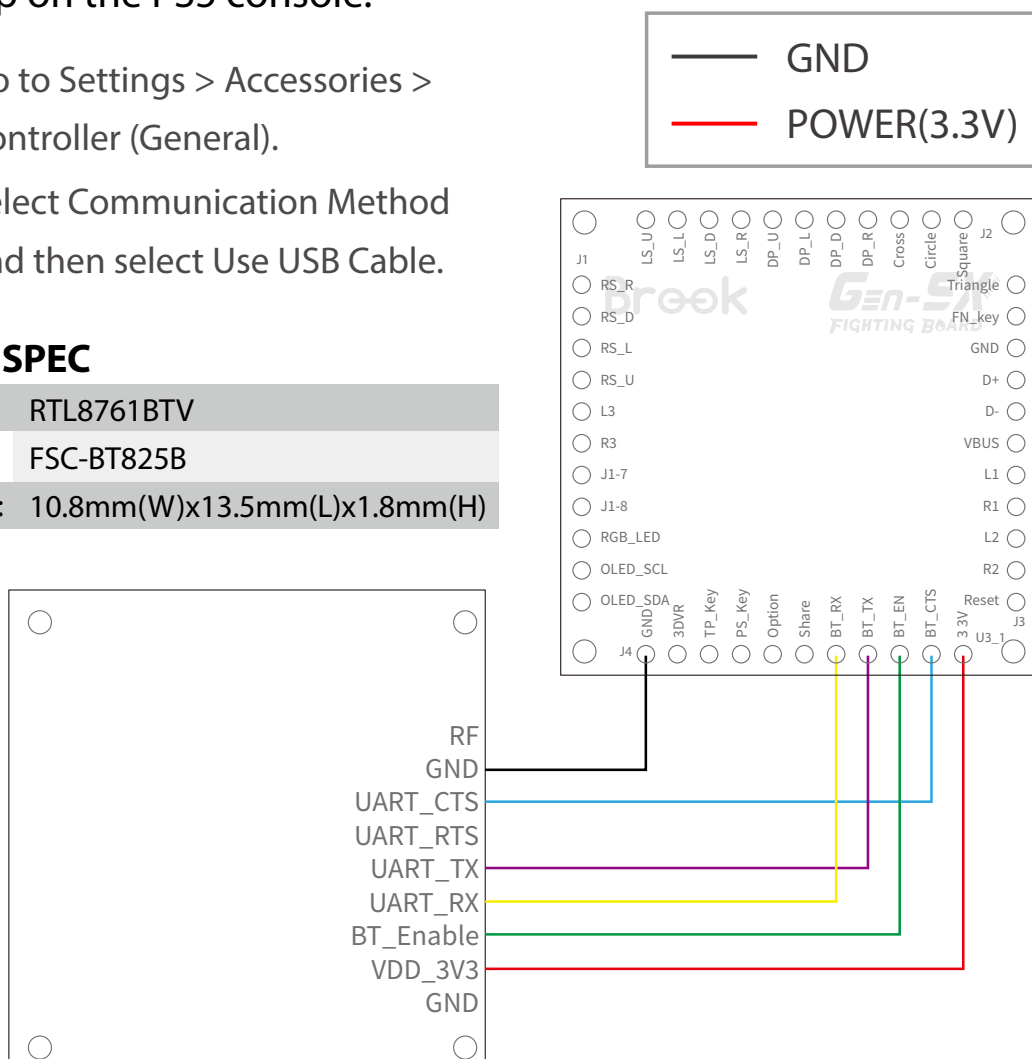
1. Go to Settings > Accessories > Controller (General).
2. Select Communication Method and then select Use USB Cable.

General SPEC

Chip Set : RTL8761BTV

Product ID : FSC-BT825B

Dimension : 10.8mm(W)x13.5mm(L)x1.8mm(H)

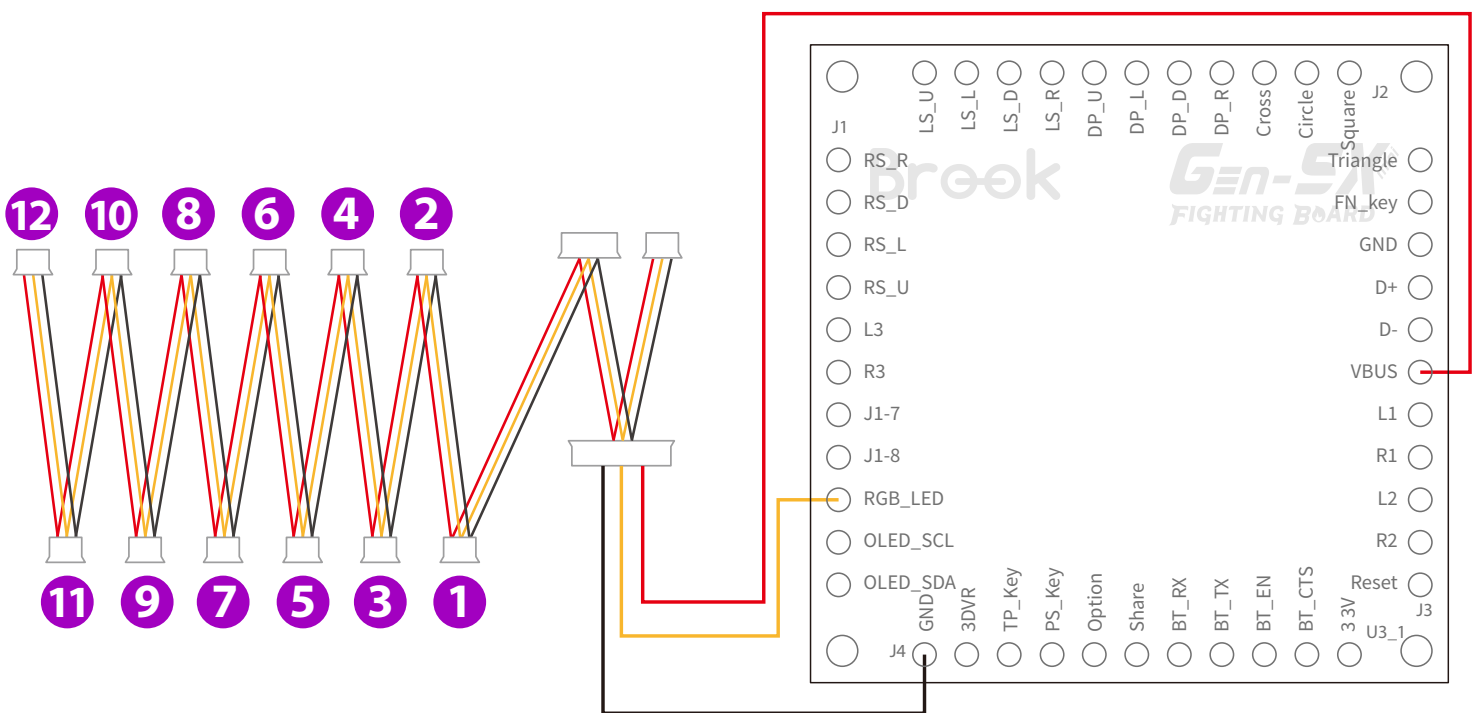


How to connect RGB LED

RGB LED function setting

- Fn + 1P : Switch lighting effects.
- Effect sequence : All off (default) → Turn off when pressed → Turn on when pressed → Breathing light → Marquee (left to right) → Marquee (right to left)
- Fn + 2P : Increase brightness
- Fn + 3P : Decrease brightness

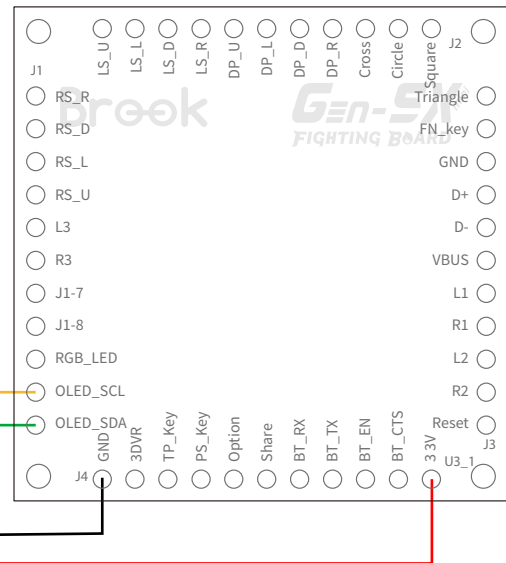
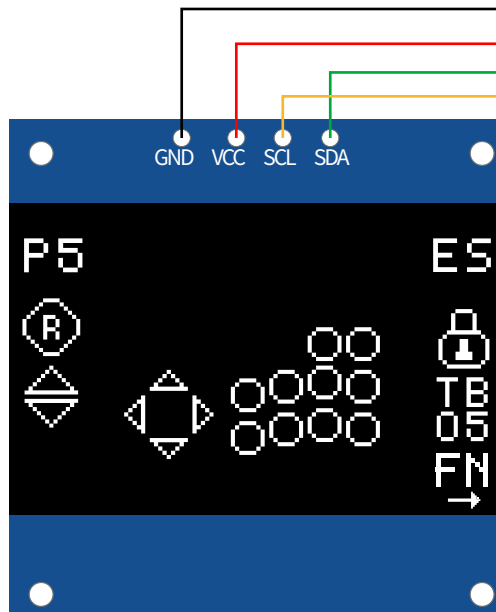
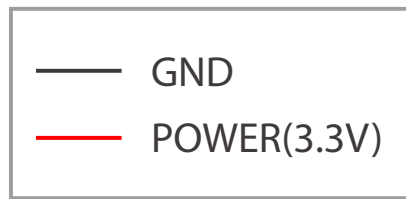
— GND
— POWER(5V)



*The order in which the RGB lights on the buttons illuminate will follow the wiring sequence. For example, the first connection will be numbered as 1, and so on.

*Compatible with WS2812B RGB LEDs and requires a daisy-chaining connection

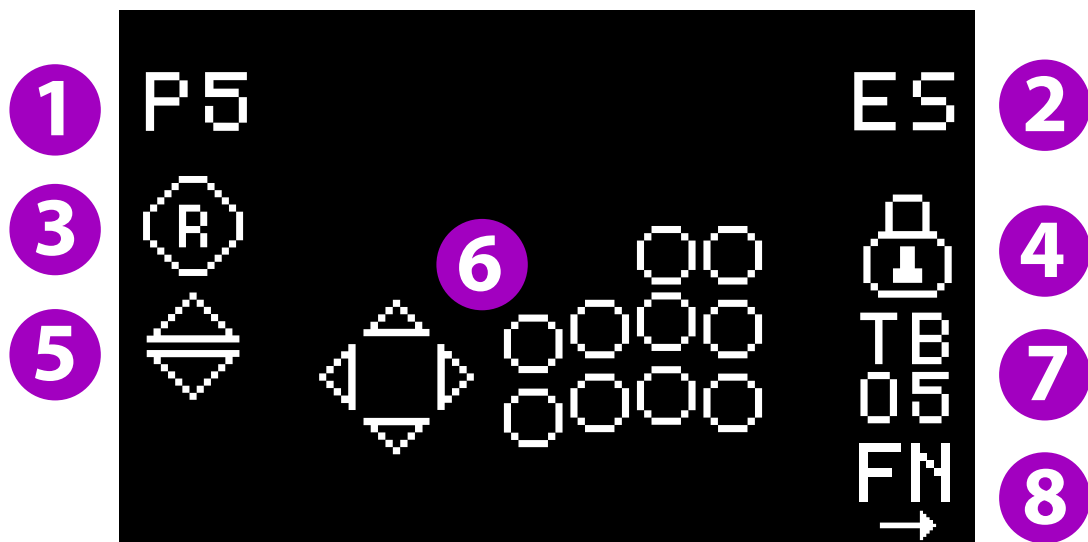
How to connect OLED



General SPEC

VCC :	3.3v~5v
SCL :	Clock Line
SDA :	Data Line
Resolution :	128 x 64
Driver IC :	SSD 1309, compatible with SSD1306
Interface :	I2C Interface

Display instructions



Display instructions

1. Controller interface mode

Icon	Status / Item Name	Description
	Sony Playstation 5	The controller interface mode is : PS5
	Xbox Series X/S	The controller interface mode is : Xb Series X S
	Nintendo Switch	The controller interface mode is : Switch
	PC (XID mode)	The controller interface mode is : PC (XID mode)

2. Esport Mode : Indicates compliance with competition standards.

Icon	Status / Item Name	Description
	Compliant	Indicates that the current settings meet international esports standards.
	Non-compliant	Indicates that the current settings do not meet international esports standards, possibly due to Turbo and Macro functions being enabled.

3. Stick mapping mode

Icon	Status / Item Name	Description
	DP mode (Default settings)	The current setting is DP mode.
	RS mode	The current setting is RS mode.
	LS mode	The current setting is LS mode.

4. Lock Function States

Icon	Status / Item Name	Description
	Unlocked.	The current status is unlocked.
	Locked.	The current status is locked.

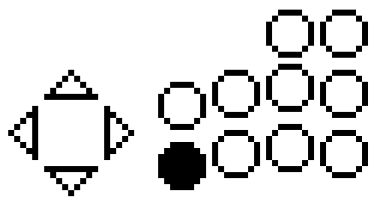
Display instructions

5. SOCD Mode

Icon	Status / Item Name	Description
	Up Priority (Default settings)	The current SOCD mode is Up Priority.
	All Neutral	The current SOCD mode is All Neutral.
	Last Priority	The current SOCD mode is Last Priority.
	ByPass	The current SOCD mode is ByPass.

6. Button Configuration

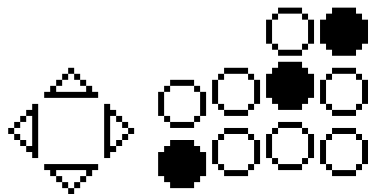
There are two modes : "Normal Mode" and "Turbo Mode."



Normal Mode

When no buttons have Turbo mode enabled, display the current button press status in real-time.

- : Represent buttons currently being pressed.
- : Represent buttons currently not being pressed.



Turbo Mode

Display which buttons have Turbo mode turned on.

- : Buttons with Turbo mode.
- : Buttons without Turbo mode.

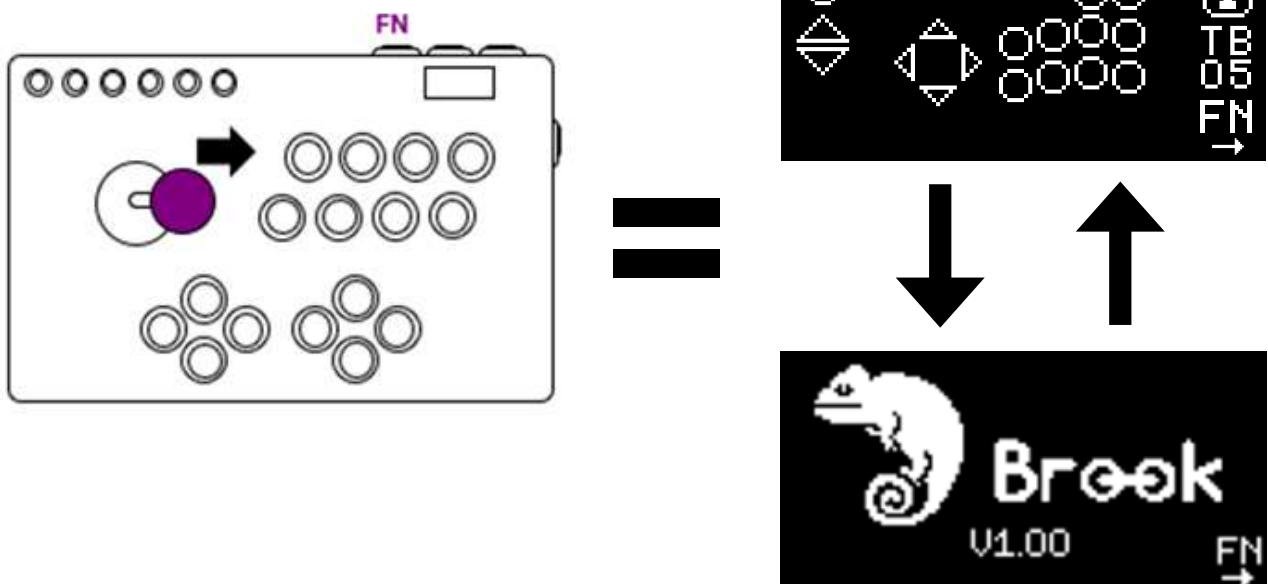
7. Turbo status

Icon	Status / Item Name	Description
NM	Normal Mode (Default settings)	The current setting is Normal Mode.
TB 05	Turbo Mode (5 Hit/Sec)	The current setting is Turbo Mode (5 Hit/Sec).
TB 10	Turbo Mode (10 Hit/Sec)	The current setting is Turbo Mode (10 Hit/Sec).
TB 15	Turbo Mode (15 Hit/Sec)	The current setting is Turbo Mode (15 Hit/Sec).
TB 20	Turbo Mode (20 Hit/Sec)	The current setting is Turbo Mode (20 Hit/Sec).
TB 25	Turbo Mode (25 Hit/Sec)	The current setting is Turbo Mode (25 Hit/Sec).

Display instructions

8. Page Switch Hotkey Hint

Simply press 【FN + →】 to switch the OLED display to the next page and view the current firmware version.



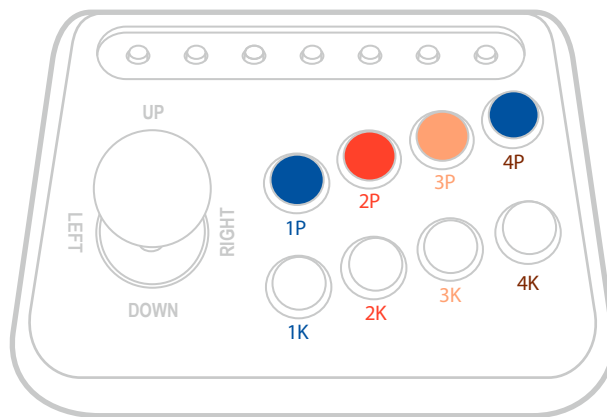
Console manual selection

The Gen-5X mini FIGHTING BOARD support manual selection of PS5 , XB Series X|S , PC , Switch.

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Manual Mode



Step.1 Press button.

- 1P● = PS5
- 2P● = Xb Series X/S
- 3P● = Nintendo Switch
- 4P● = PC (XID mode)

Step.2 While Pressing connect fightstick to PC / Console

* When uses manual mode, the device mode will be saved automatically.

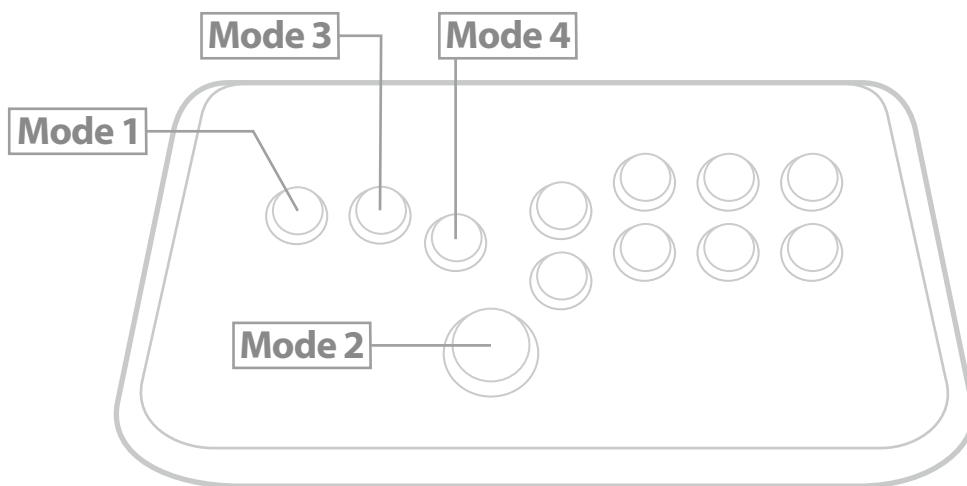
SOCD Mode Switching Tutorial

Simultaneous Opposing Cardinal Directions.

1. Default setting is mode 1
2. SOCD will be automatically saved

Switch method

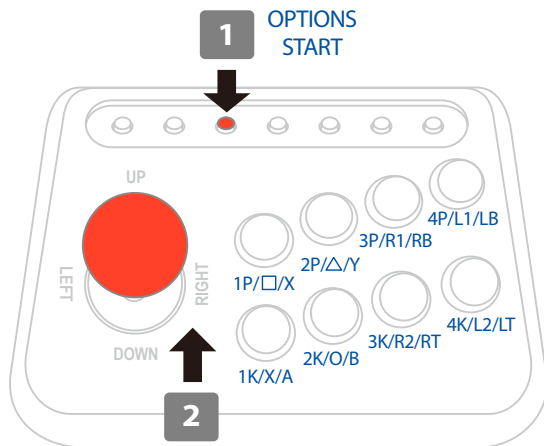
Please **hold down** the corresponding button first, then insert the power cable into the console to switch modes.



	Mode 1 UP Priority	Mode 2 CAPCOM / Neutral	Mode 3 Last Priority	Mode 4 BYPASS
← + →	Neutral	Neutral	→	← + →
→ + ←	Neutral		←	→ + ←
↑ + ↓	↑		↓	↑ + ↓
↓ + ↑	↑		↑	↓ + ↑

Use combination keys to set stick control mode

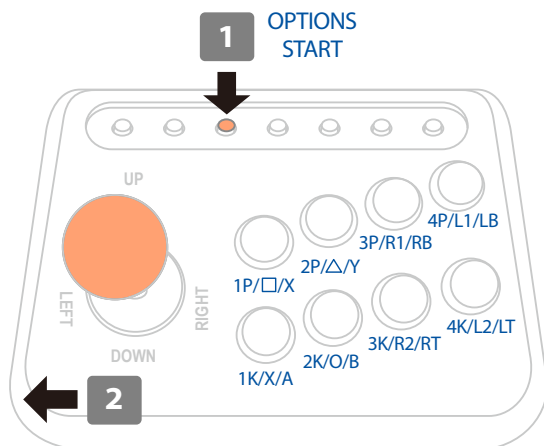
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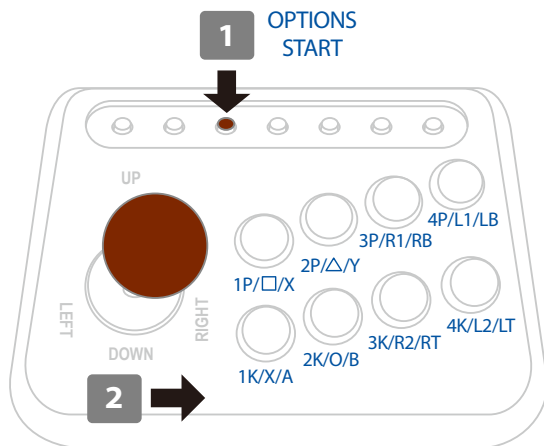
Press and hold START and UP for three seconds.



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Press and hold START and L .



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Press and hold START and RIGHT for three seconds.

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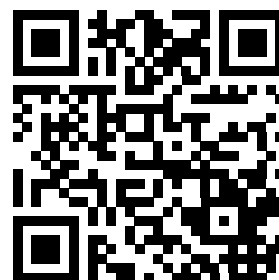


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Gen-SX^{mini} FIGHTING BOARD

使用者指南



在使用產品前，建議先到官方網站更新韌體，
以確保您能獲得最佳的使用體驗。



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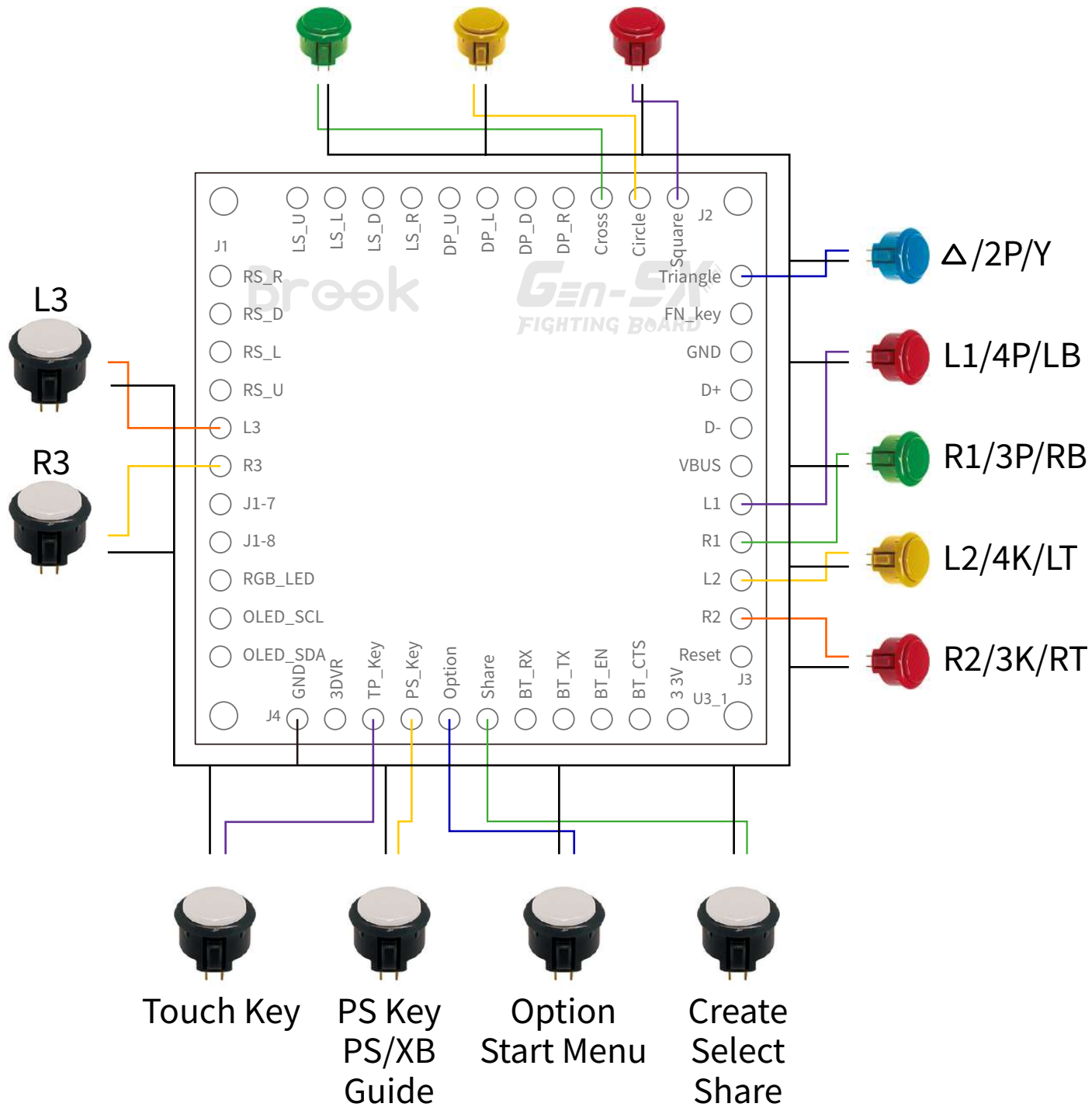
如何連接按鈕

— GND

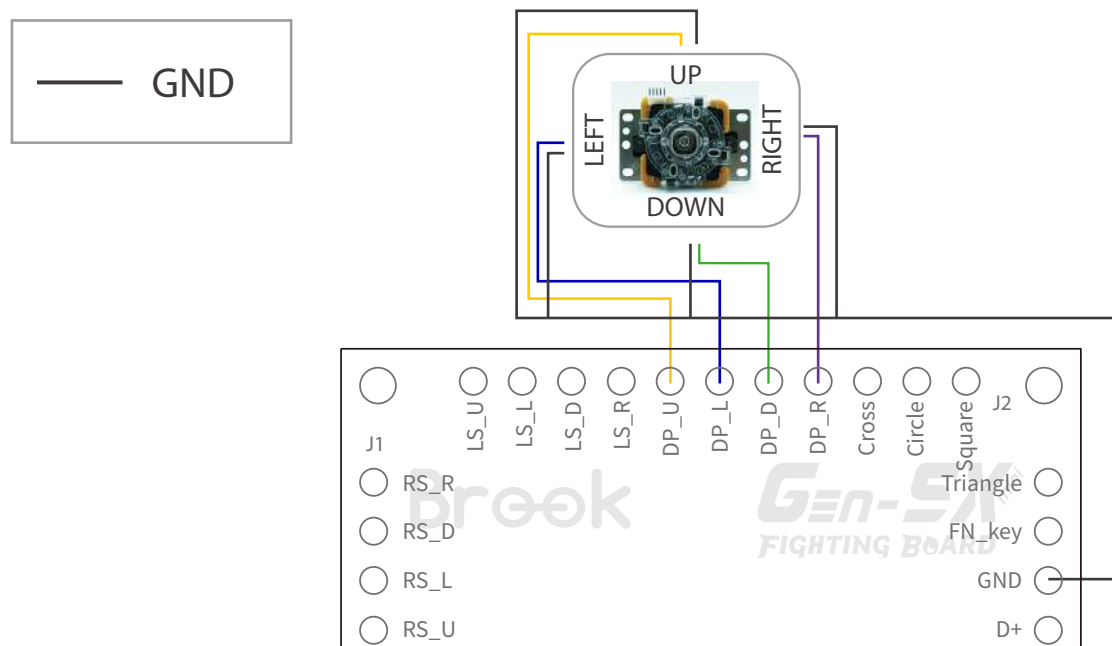
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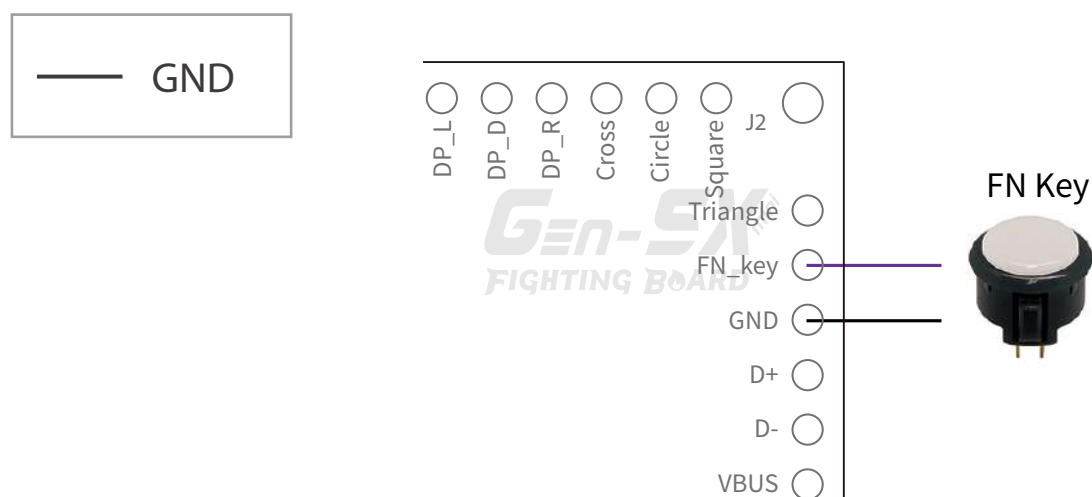
X/1K/A O/2K/B □/1P/X



如何連接搖桿



如何連接 FN 按鈕

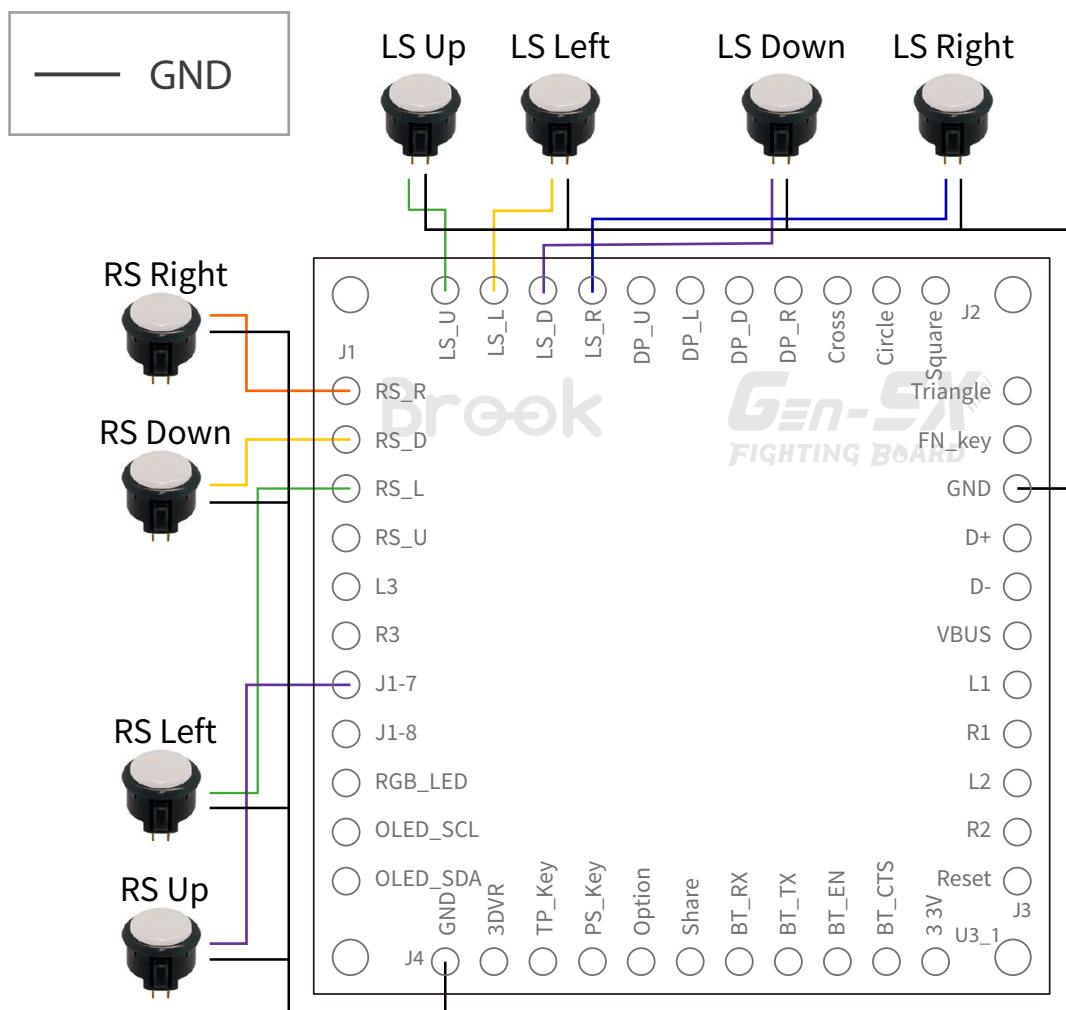


*要使用 Turbo、RGB LED 調整及其他設定的快捷鍵操作，必須連接一個外接的 FN 按鈕

Turbo 功能設定

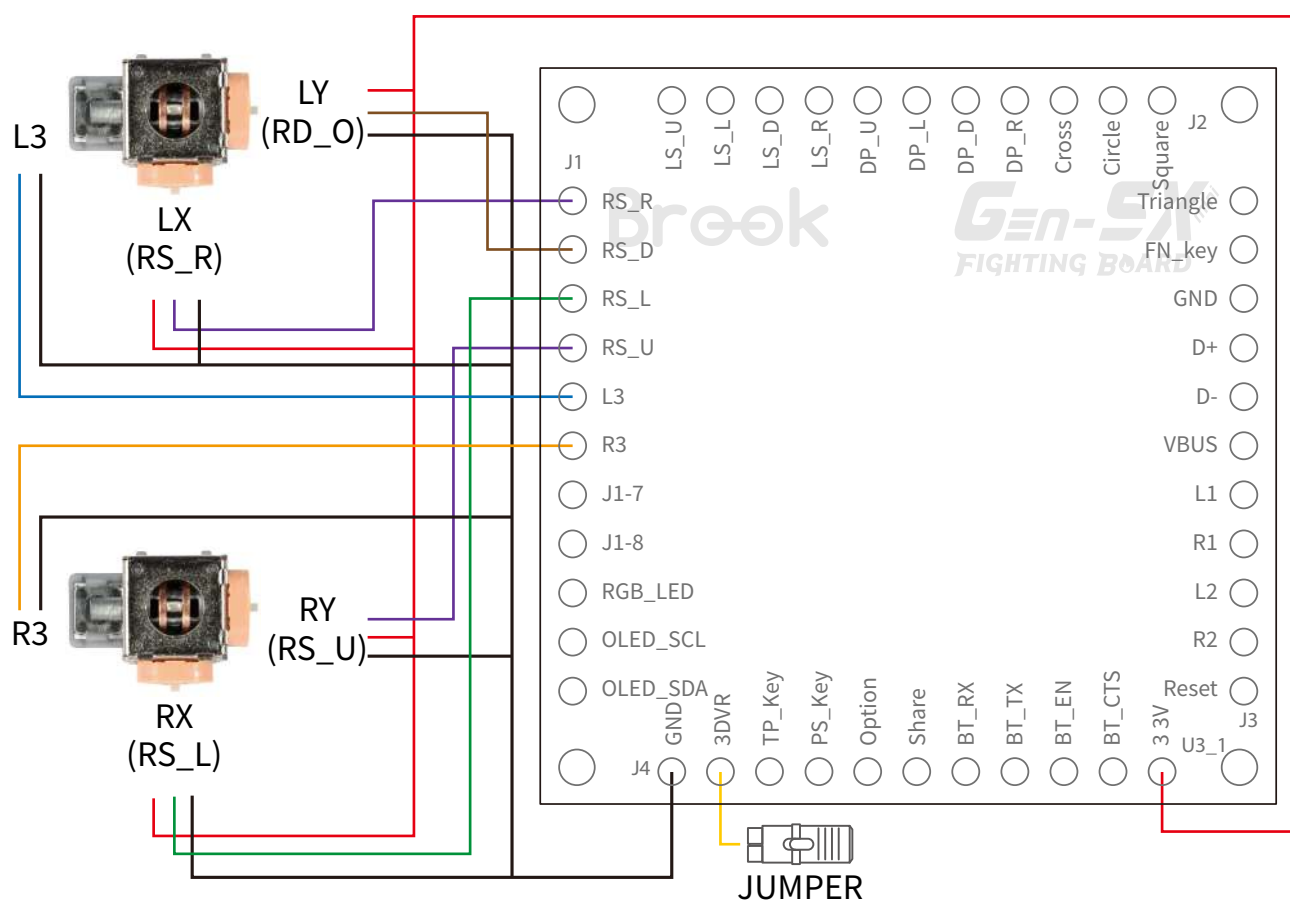
- 目前有五種按鍵按下頻率可用：5、10、15、20 和 25 次/秒。
- 按住【Fn+Option】，然後按 ↑ 以增加頻率；按 ↓ 以降低頻率。
- 按住【Fn+Option】，然後按下要設置或取消Turbo功能的按鍵。
- 可設置Turbo功能的按鍵包括：1P、2P、3P、4P、1K、2K、3K、4K、L3、R3。

如何連接 RSTICK/LSTICK 的數位按鈕



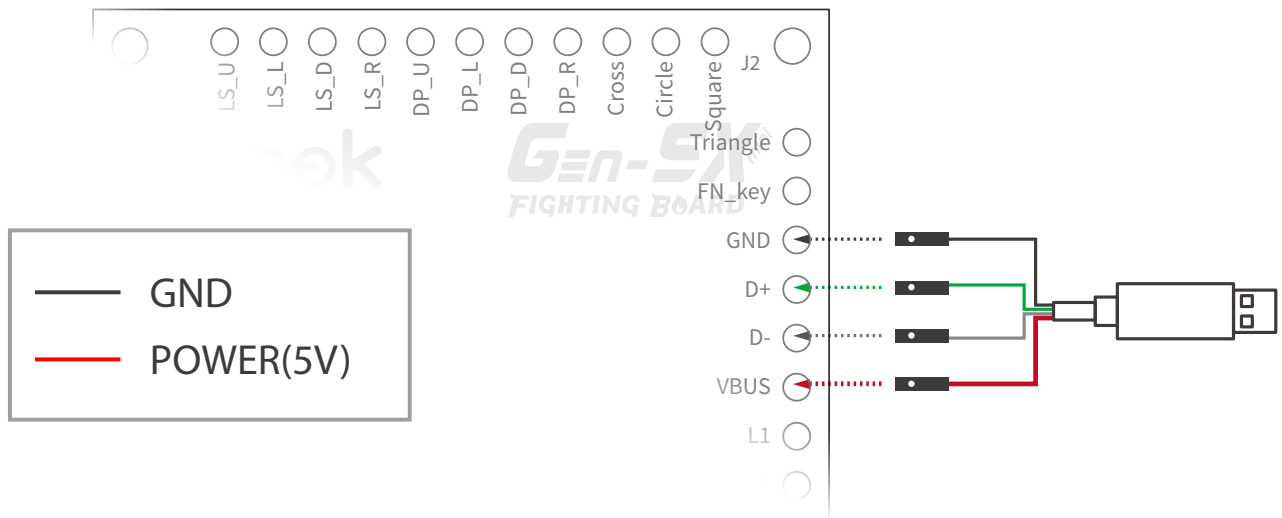
如何連接 RSTICK/LSITCK 類比搖桿

— GND
— POWER(3.3V)



*如果安裝了數位-類比搖桿, 搖桿將無法在RS/LS模式間切換。

如何連接 USB



如何連接藍芽模組

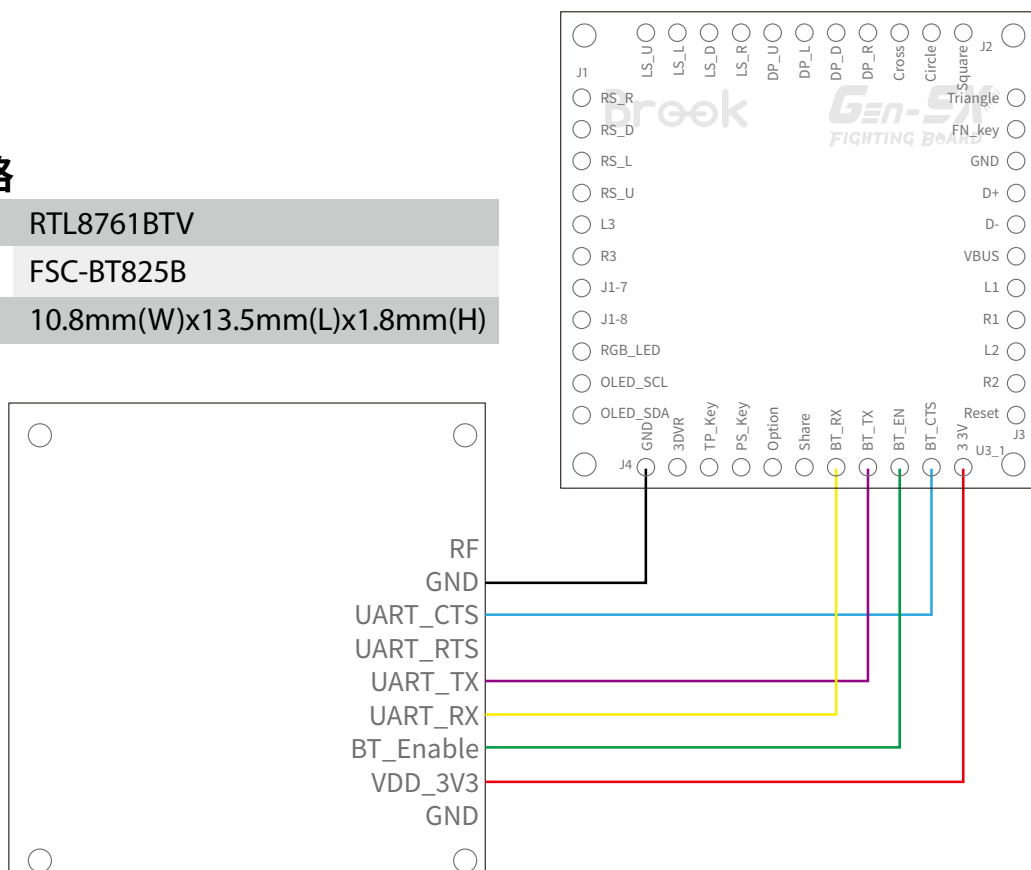
若未安裝藍芽模組，於PS5主機上使用時，需依照以下步驟設定

1. 前往設定>周邊機器>控制器(一般)
2. 選擇通訊方法，然後選擇使用USB連接線



一般規格

晶片組：	RTL8761BTV
產品ID：	FSC-BT825B
尺寸：	10.8mm(W)x13.5mm(L)x1.8mm(H)

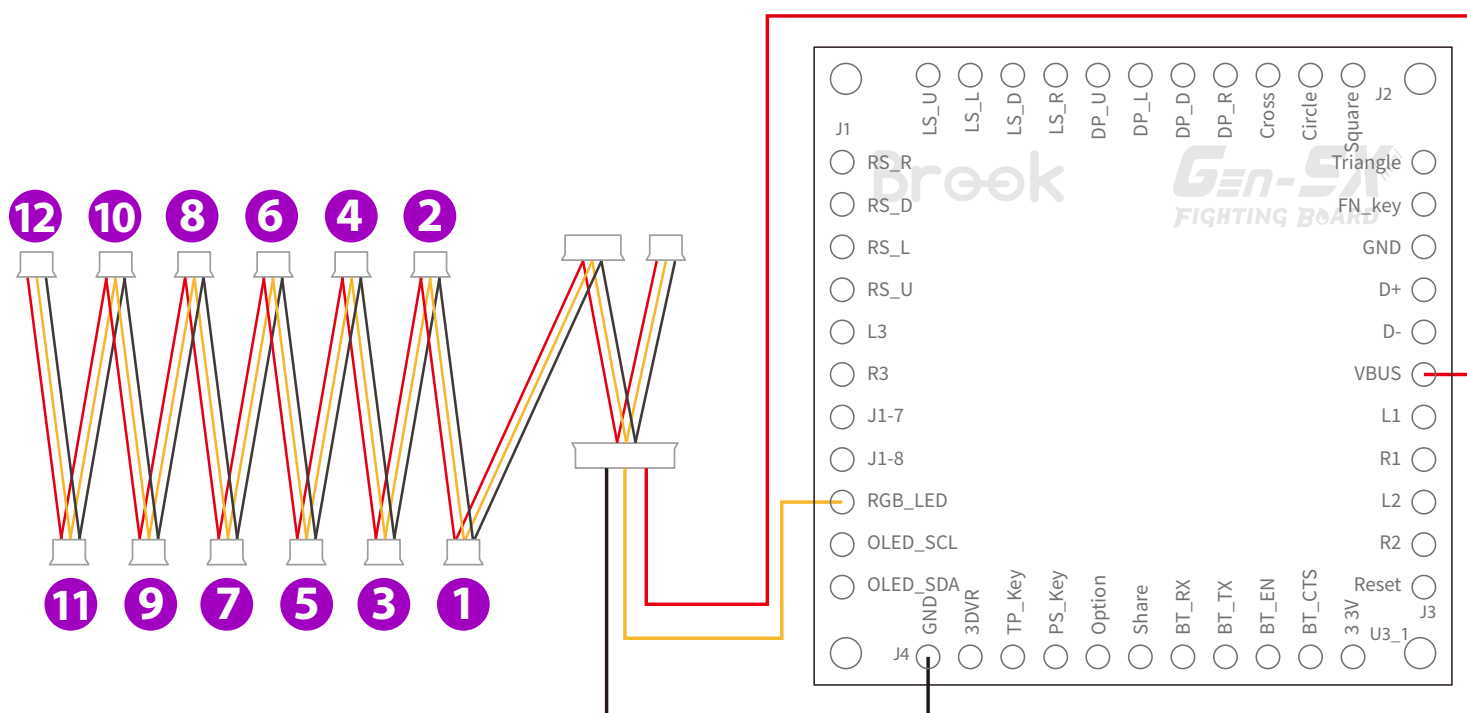


如何連接按鍵 RGB LED

RGB LED功能設定

- Fn + 1P: 切換燈光效果。
- 效果順序: 全部關閉 (默認) → 按下時關閉 → 按下時開啟 → 呼吸燈 → 跑馬燈 (從左到右) → 跑馬燈 (從右到左)
- Fn + 2P: 增加亮度。
- Fn + 3P: 降低亮度。

— GND
— POWER(5V)

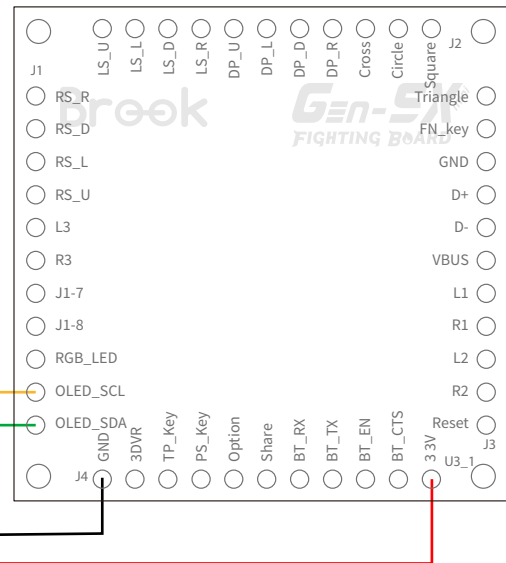
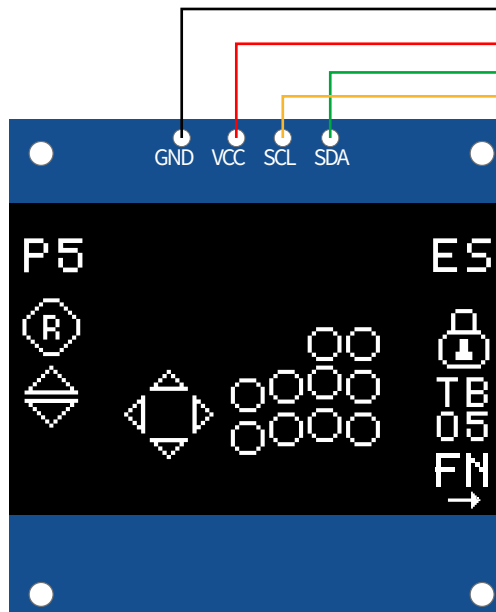
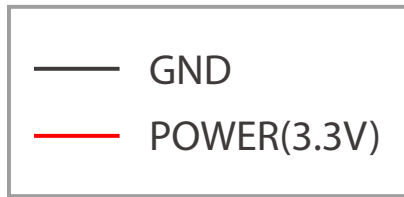


*按鍵RGB燈光的照明順序將遵循布線順序。

例如, 第一個連接將編號為1, 依此類推。

*與WS2812B RGB LED兼容, 並需要菊鍊式連接。

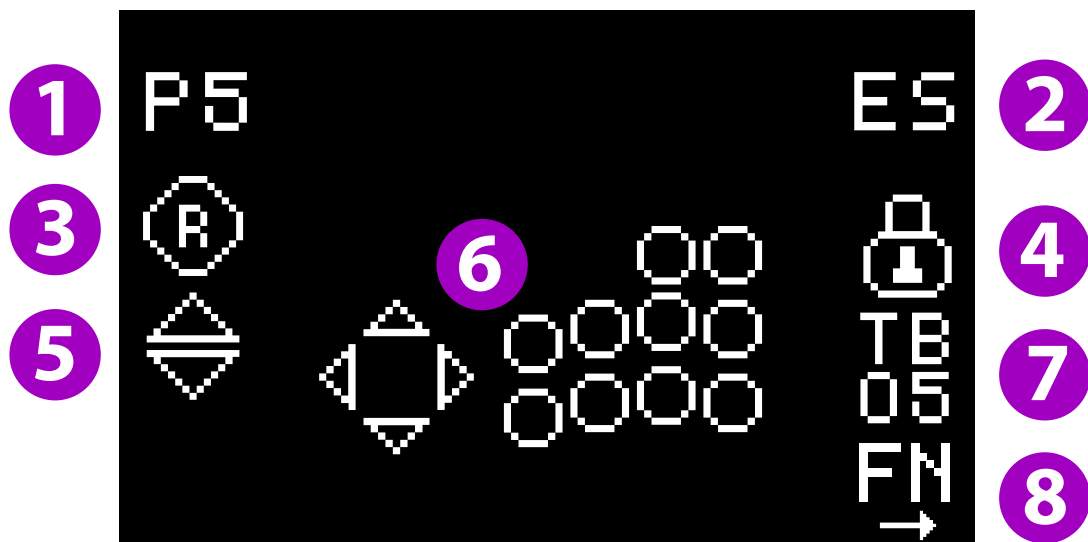
如何連接 OLED 螢幕



一般規格

VCC :	3.3v~5v
SCL :	Clock Line
SDA :	Data Line
Resolution :	128 x 64
Driver IC :	SSD 1309, compatible with SSD1306
Interface :	I2C Interface

顯示說明



顯示說明

1. 控制器介面模式

圖示	狀態/項目名稱	描述
PS	Sony Playstation 5	控制器介面模式為:PS5
XS	Xbox Series X/S	控制器介面模式為:Xb Series X S
NS	Nintendo Switch	控制器介面模式為:Switch
PC	PC (XID mode)	控制器介面模式為:PC (XID mode)

2. Esport模式:符合競賽標準

圖示	狀態/項目名稱	描述
ES	合規	表示當前設置符合國際電子競技標準。
	不合規	表示當前設置不符合國際電子競技標準,可能是因為啟用了Turbo和Macro功能。

3. 搖桿映射模式

圖示	狀態/項目名稱	描述
	DP mode (Default settings)	當前設置為DP模式。
	RS mode	當前設置為RS模式。
	LS mode	當前設置為LS模式。

4. 鎖定功能狀態

圖示	狀態/項目名稱	描述
	未鎖定	當前狀態為未鎖定。
	已鎖定	當前狀態為已鎖定。

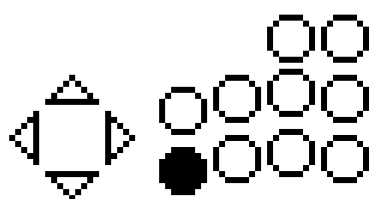
顯示說明

5. SOCD 模式

圖示	狀態/項目名稱	描述
	Up Priority (Default settings)	當前SOCD模式為上優先。
	All Neutral	當前SOCD模式為全部中立。
	Last Priority	當前SOCD模式為最後優先。
	ByPass	當前SOCD模式為ByPass。

6. 按鍵配置

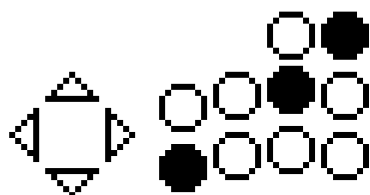
有兩種模式："普通模式" 和 "Turbo模式"。



普通模式

當沒有按鍵啟用Turbo模式時，實時顯示當前按鍵按下狀態。

- ：表示當前正在按下的按鍵。
- ：表示當前未按下的按鍵。



Turbo模式

顯示哪些按鍵已啟用Turbo模式。

- ：帶有Turbo模式的按鍵。
- ：不帶有Turbo模式的按鍵。

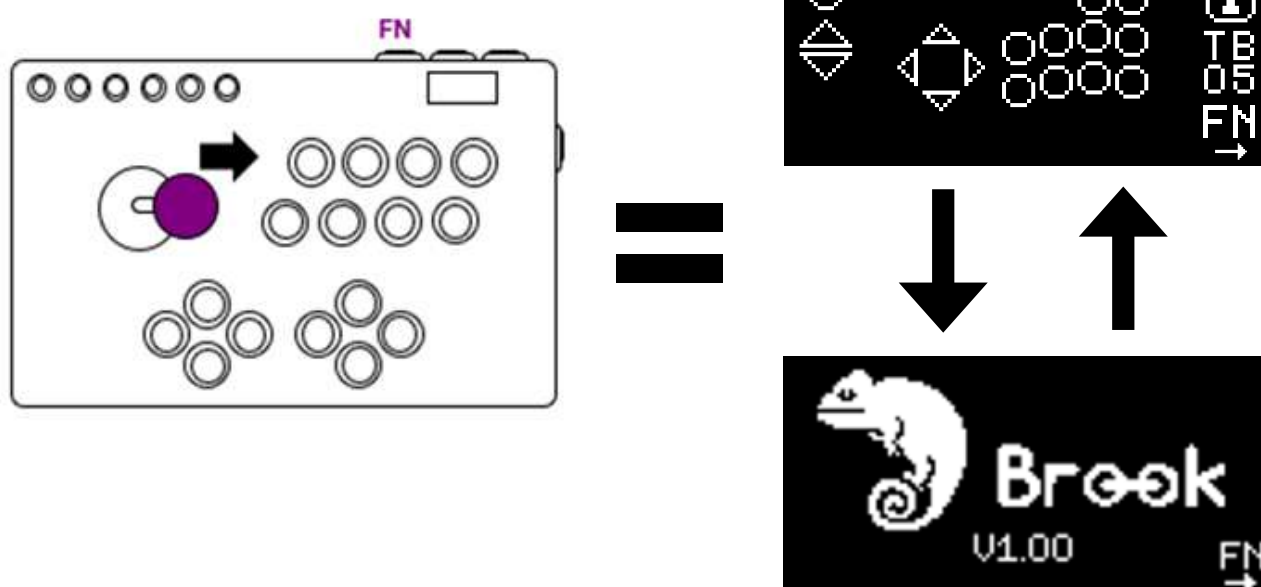
7. Turbo狀態

圖示	狀態/項目名稱	描述
NM	Normal Mode (Default settings)	當前設置為普通模式。
TB 05	Turbo模式 (5 Hit/Sec)	當前設置為Turbo模式 (5次/秒)。
TB 10	Turbo模式 (10 Hit/Sec)	當前設置為Turbo模式 (10次/秒)。
TB 15	Turbo模式 (15 Hit/Sec)	當前設置為Turbo模式 (15次/秒)。
TB 20	Turbo模式 (20 Hit/Sec)	當前設置為Turbo模式 (20次/秒)。
TB 25	Turbo模式 (25 Hit/Sec)	當前設置為Turbo模式 (25次/秒)。

顯示說明

8. 頁面切換熱鍵提示

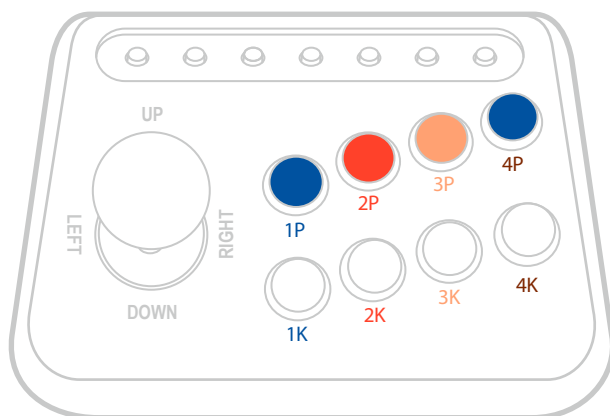
只需按【FN + →】即可將OLED顯示切換到下一頁並查看當前韌體版本。



手動選擇模式

Gen-5X mini FIGHTING BOARD支持PS5、XB Series X|S、PC、Switch的手動選擇。

手動模式操作步驟



步驟 1. 按住不放。

1P ● = PS5

2P ● = Xb Series X/S

3P ● = Nintendo Switch

4P ● = PC (XID mode)

步驟 2. 大搖台連接PC或主機。

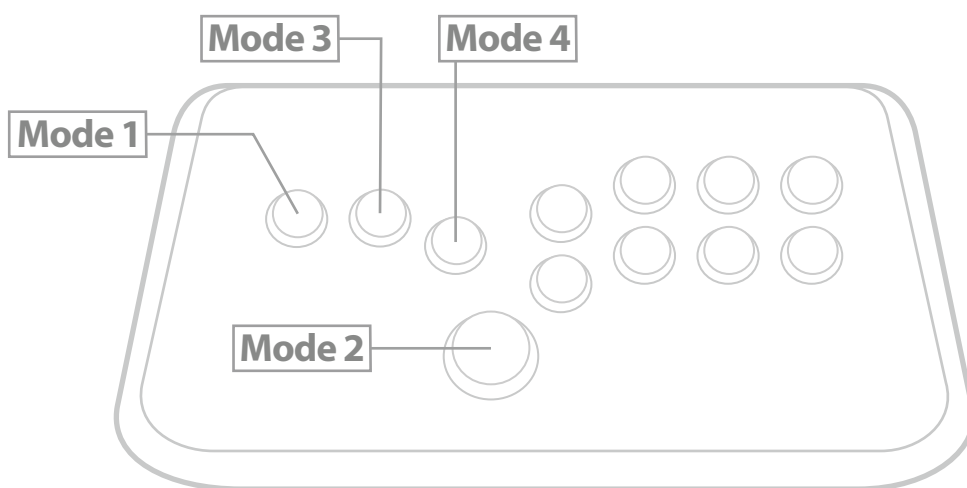
* 手動設定模式後, 會自動儲存所選模式。如要切換回自動偵測模式, 請按住“Option (menu)”並重新插上USB 連接電腦或遊

SOCD 模式切換教學

SOCD意為相反方向指令衝突時, 判定主要輸出指令的模式。

1. 出廠預設值是Mode 1
2. SOCD模式設定後會自動儲存

切 換 按住以下對應按鈕後, 將電源線插入主機進行切換。

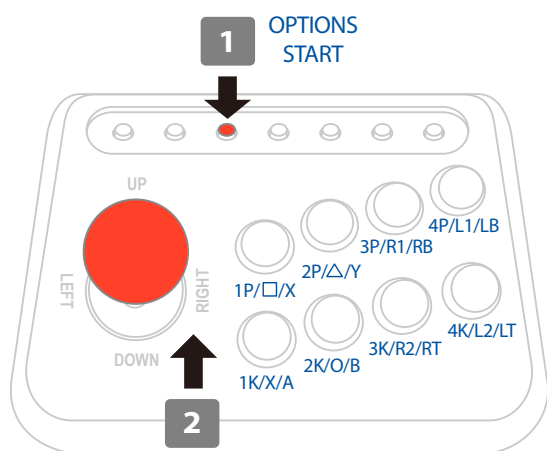


	Mode 1 UP Priority	Mode 2 CAPCOM / Neutral	Mode 3 Last Priority	Mode 4 BYPASS
← + →	Neutral	Neutral	→	← + →
→ + ←	Neutral		←	→ + ←
↑ + ↓	↑		↓	↑ + ↓
↓ + ↑	↑		↑	↓ + ↑

使用組合鍵設定搖桿控制模式

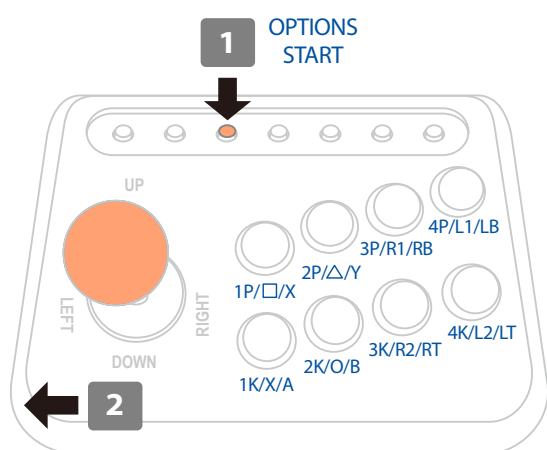
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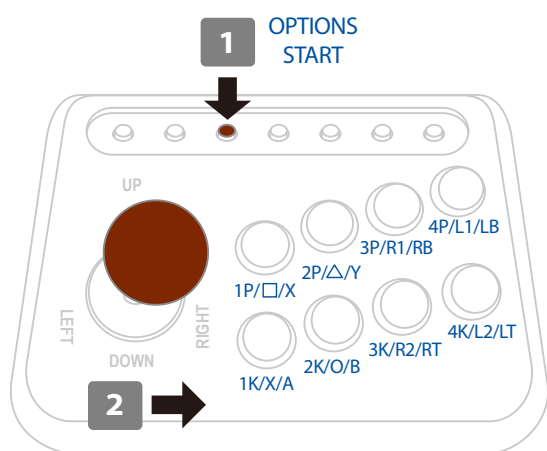
按住START及UP 持續約3秒

=



按住START及LEFT 持續3秒

=



按住START及RIGHT 維持約3秒

=



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