



# R1V2 RACING WHEEL

- What's included in the box**
- Fantech R1V2 Racing Wheel
  - Fantech R1V2 Gear Shifter
  - Fantech R1V2 Pedals
  - Clamp
  - Suction Cup
  - User Manual
  - Warranty Card
- System requirements**
- Operating Systems: Windows XP/7/8/10, PS3, PS4, Xbox 360, Xbox One, Xbox Series S & X, Switch
  - USB 2.0/3.0 Port
  - Original Console Controller (For use with Console)

**USER MANUAL**

**STEERING WHEEL**

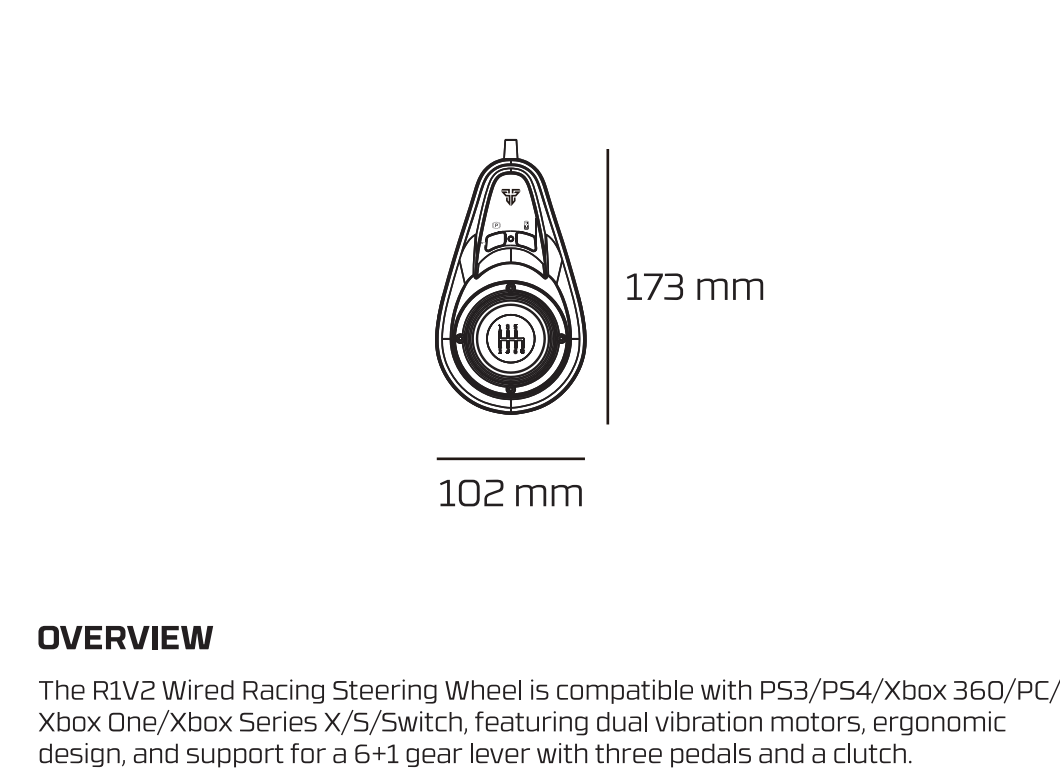
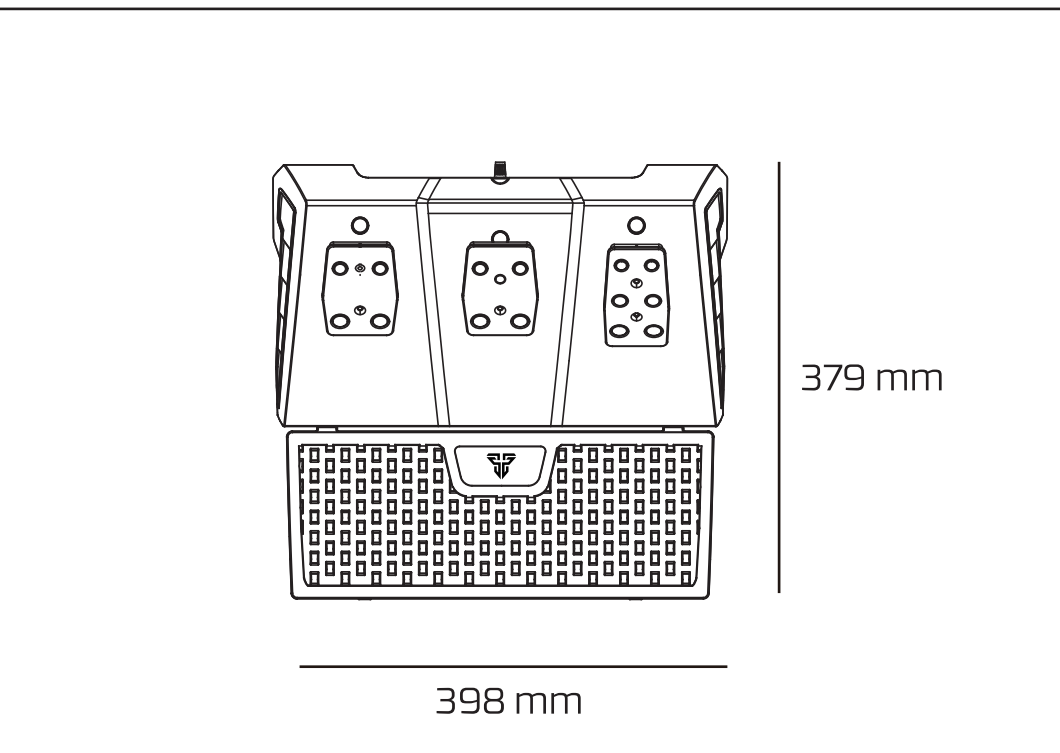
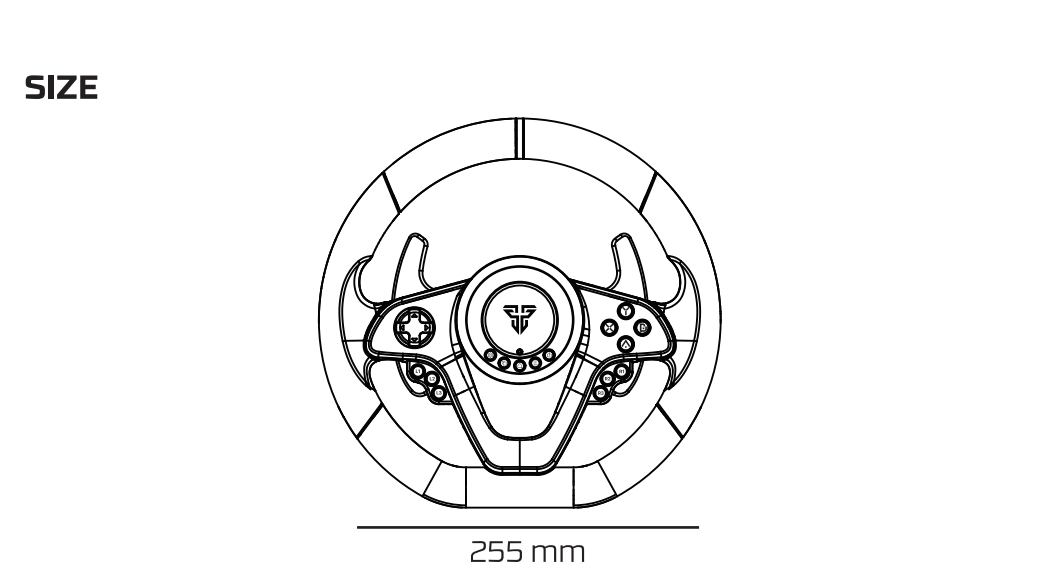
Model Number : R1V2  
 Rotation : 270° / 900°  
 Wheel Vibration : Dual-Motor Vibration  
 Total Button : 15 Button + D-Pad  
 Paddle Shift : 2 Plastic Paddle Shift  
 Interface : USB-A, AUX, RJ11\*2  
 Cable Length : 2 m PVC Cable  
 Weight : 4900 ± 5 g  
 Size : 10-inch (255 mm)  
 Power Rating : 5V = 70mA  
 Compatibility : PC, PS3, PS4, XBOX 360, XBOX ONE, XBOX SERIES X/S, SWITCH

**GEAR SHIFTER**

Total Gears : 6+R with Brake and Low/High Gears for Truck/Bus simulator  
 Connector : RJ11 6-pin to Steering Wheel

**PEDALS**

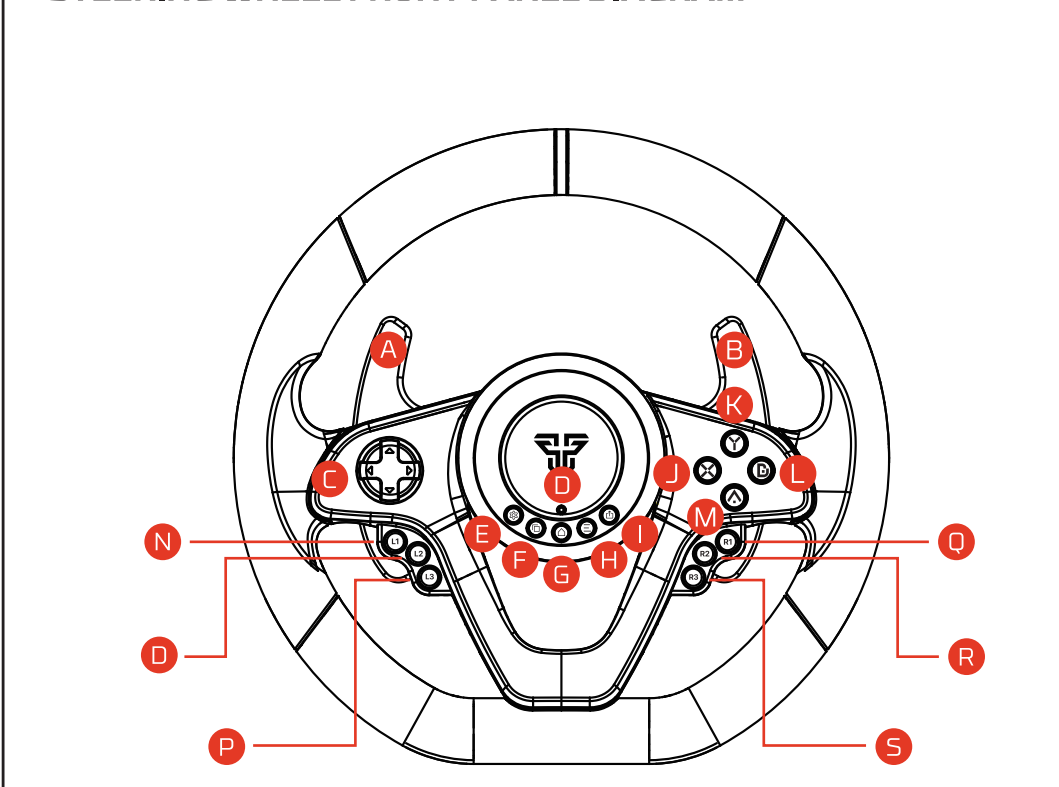
Total Pedals : 3 (Clutch + Brake + Throttle), Detachable  
 Pedals Surface : Hall Effect  
 Material : Steel + Plastic  
 Connector : RJ11 8-pin to Steering Wheel



**OVERVIEW**

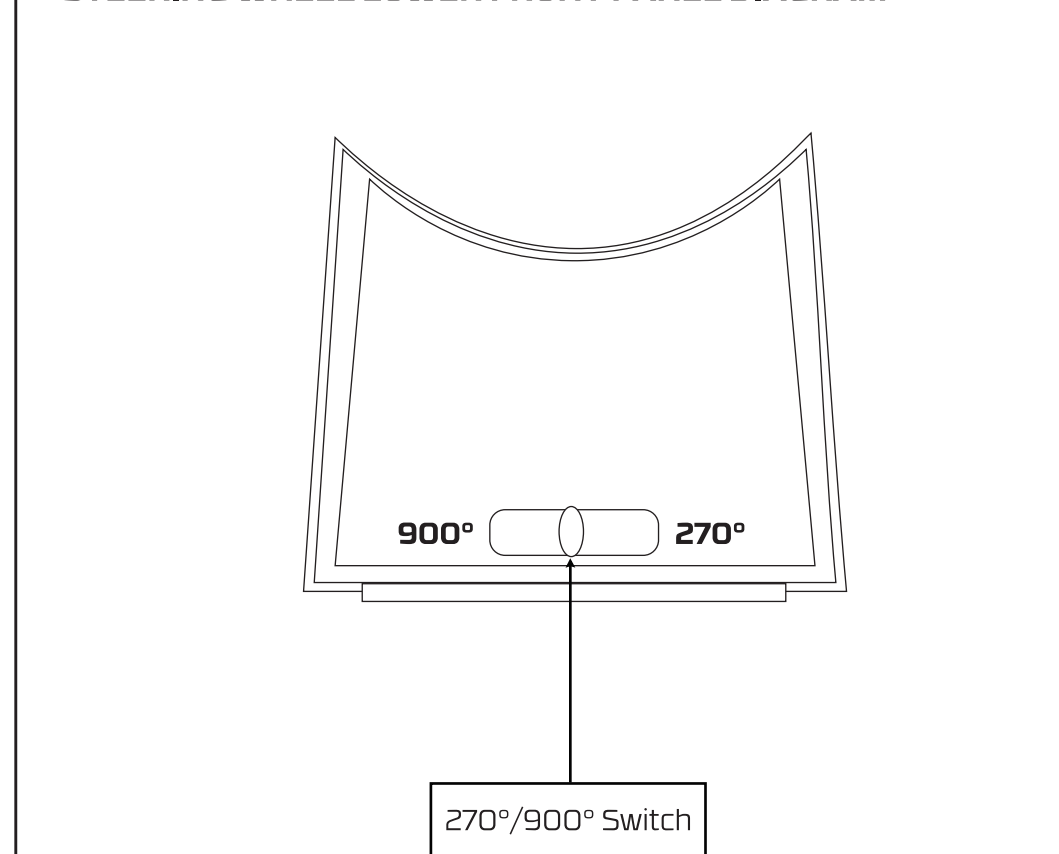
The R1V2 Wired Racing Steering Wheel is compatible with PS3/PS4/Xbox 360/PC/Xbox One/Xbox Series X/S/Switch, featuring dual vibration motors, ergonomic design, and support for a 6+1 gear lever with three pedals and a clutch.

**STEERING WHEEL FRONT PANEL DIAGRAM**

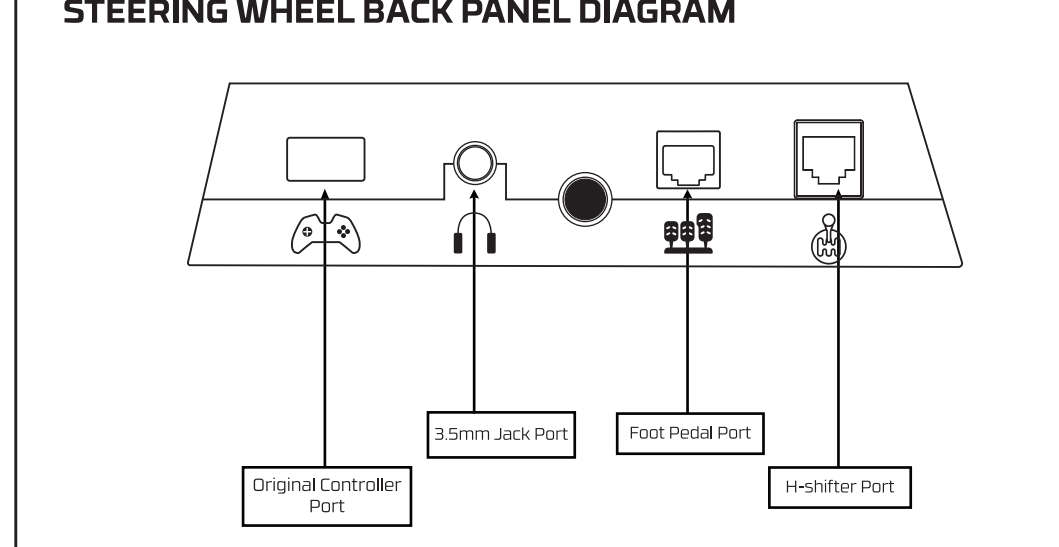


- A. LEFT PADDLE/DOWN SHIFT
- B. RIGHT PADDLE/UP SHIFT
- C. D-PAD
- D. LED INDICATOR
- E. PROG
- F. SHARE/9/VIEW/-
- G. HOME/MODE
- H. OPTIONS/10/MENU/+
- I. SHARE KEY
- J. □
- K. △
- L. ○
- M. X
- N. L1
- O. L2
- P. L3
- Q. R1
- R. R2
- S. R3

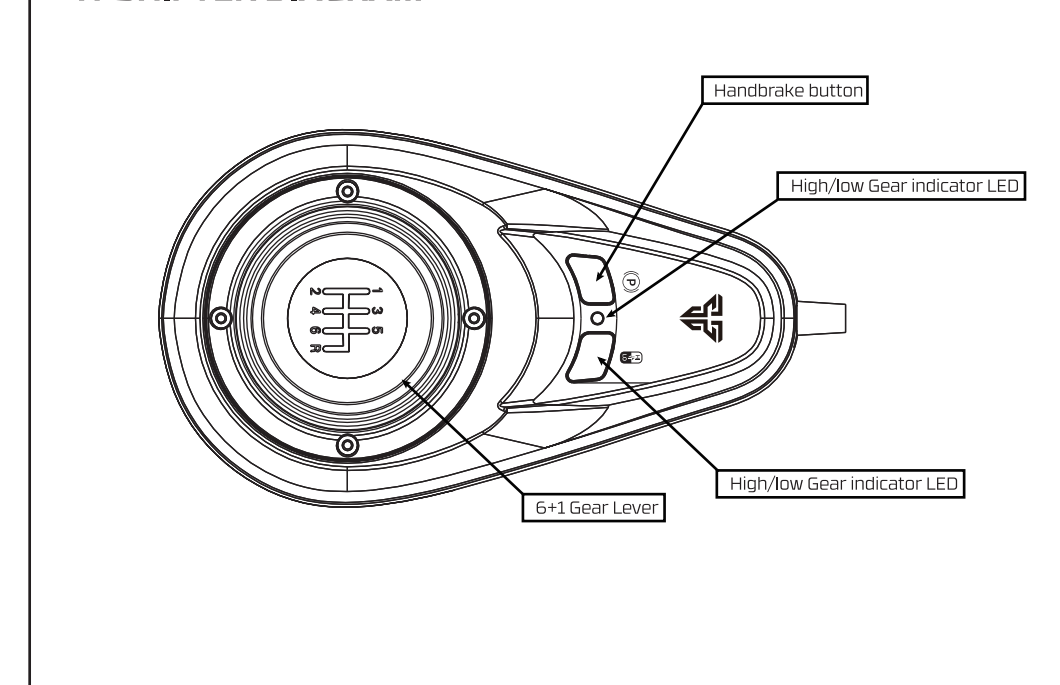
**STEERING WHEEL LOWER FRONT PANEL DIAGRAM**



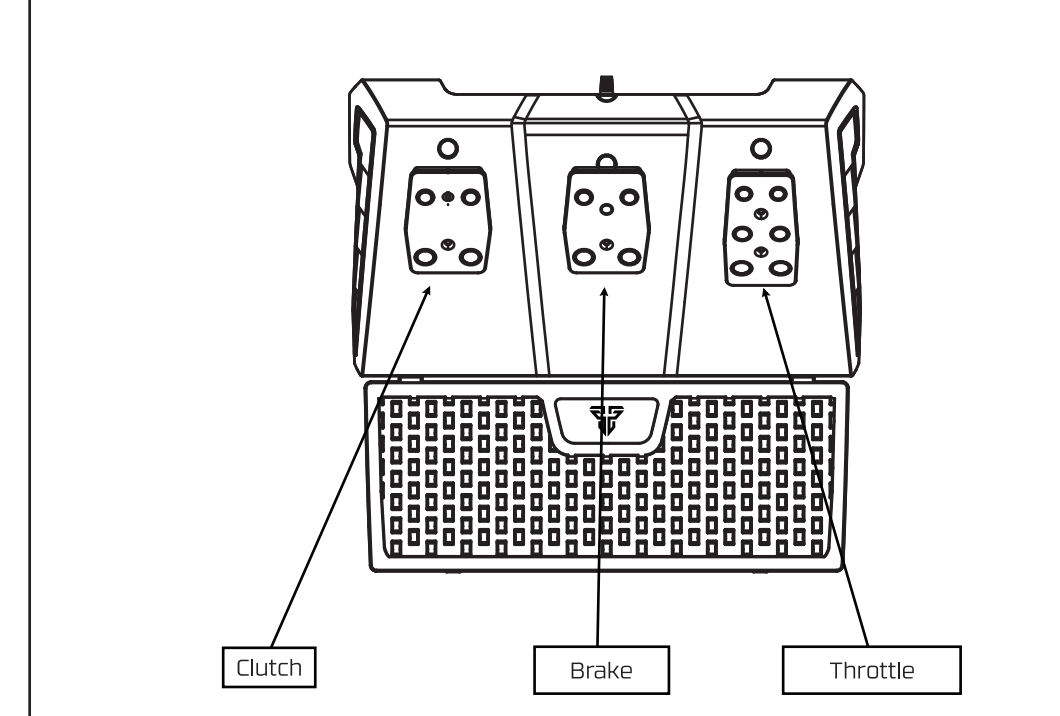
**STEERING WHEEL BACK PANEL DIAGRAM**



**H-SHIFTER DIAGRAM**



**FOOT PADDLE DIAGRAM**



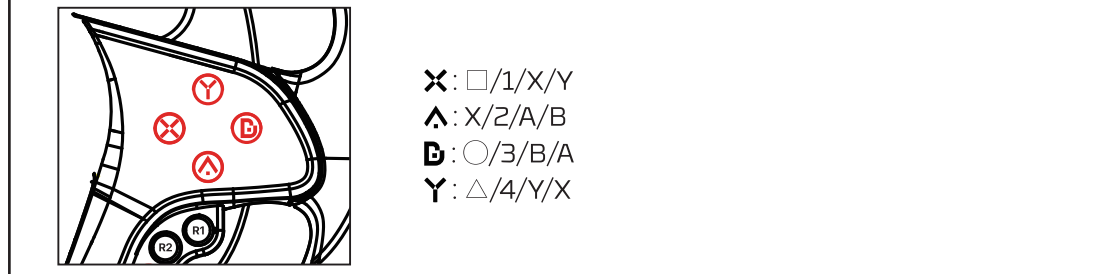
**Keys Correspondence sheet**

Type	PS3	PS3	Xbox One	PC(X-INPUT)	PC(D-INPUT)	PC(Steering Wheel Mode)	SWITCH
Action Keys	X	X	A	A	3	3	B
	○	○	B	B	2	2	A
	□	□	X	X	4	4	Y
	△	△	Y	Y	1	1	X
	R1	R1	RB	RB	6	6	R
	L1	L1	LB	LB	5	5	L
	R2	R2	RT	RT	8	8	ZR
	L2	L2	LT	LT	7	7	ZL
	L3	L3	SL	SL	11	11	L
	R3	R3	SR	SR	12	12	R
D-pad	UP	UP	UP	UP	UP	UP	UP
	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN
	LEFT	LEFT	LEFT	LEFT	LEFT	LEFT	LEFT
	RIGHT	RIGHT	RIGHT	RIGHT	RIGHT	RIGHT	RIGHT
	START	OPTIONS	MENU	START	10	10	+
	SELECT	SHARE	VIEW	BACK	9	9	-
Function keys	SHARE						
Steering Wheel Direction	Turn Left/Right	Turn Left/Right	Turn Left/Right	Turn Left/Right	Turn Left/Right	Turn Left/Right	Turn Left/Right
Left Paddle	L2	L1	LB	LB	7	14	L
	R2	R1	RB	RB	8	15	R
Right Paddle	□	Clutch	Clutch	LT	Y-	Y-	X
	□	L2	LT	LT	Y-	RZ	B
Middle pedal							
Right pedal	X	R2	RT	RT	Y+	Z	A
HOME	MODE	MODE	X/ID key Button	X/ID key Button	MODE	13	HOME
	PROG	Programming key	Programming key	Programming key	Programming key	Programming key	Programming key
Gear Shift	GEAR 1	L1	GEAR 1	GEAR 1		17	L
	GEAR 2	R1	GEAR 2	GEAR 2		18	R
	GEAR 3	L1	GEAR 3	GEAR 3		19	L
	GEAR 4	R1	GEAR 4	GEAR 4		20	R
	GEAR 5	L1	GEAR 5	GEAR 5		21	L
	GEAR 6	R1	GEAR 6	GEAR 6		22	R
D-Pad	△	GEAR R	GEAR R			23	X
	□	Change High and Low Gears	Change High and Low Gears			24	Y
PARKING BRAKE	○	PARKING BRAKE	PARKING BRAKE			16	A

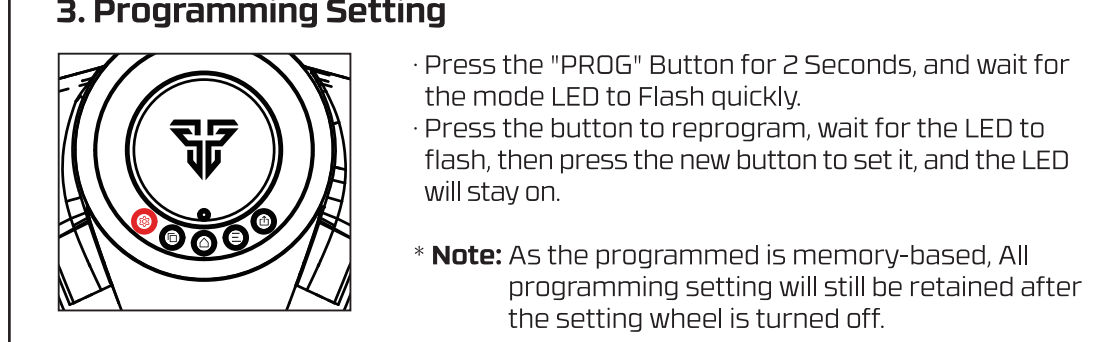
**FUNCTION INTRODUCTION**

- Program Functions(With Memory):
- 1. Programmable target keys include**
- L3/11/SL, R3/12/5R
  - H-pattern shifter
  - Left Paddle(L2/7/LB), Right Paddle(R2/8/RB)
  - Left: Clutch Pedal
  - Middle: Brake Pedal(□/1/Y-)
  - Right: Gas Pedal(X/2/Y+)

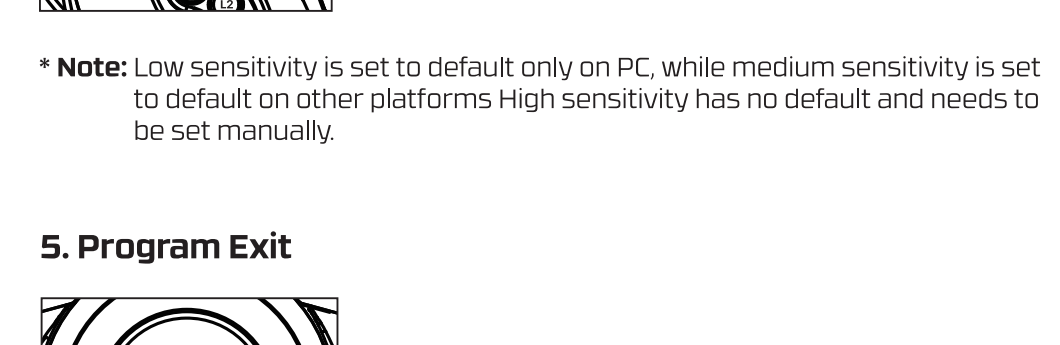
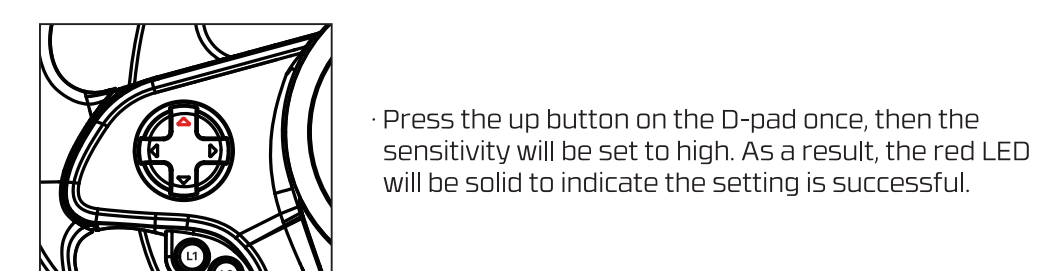
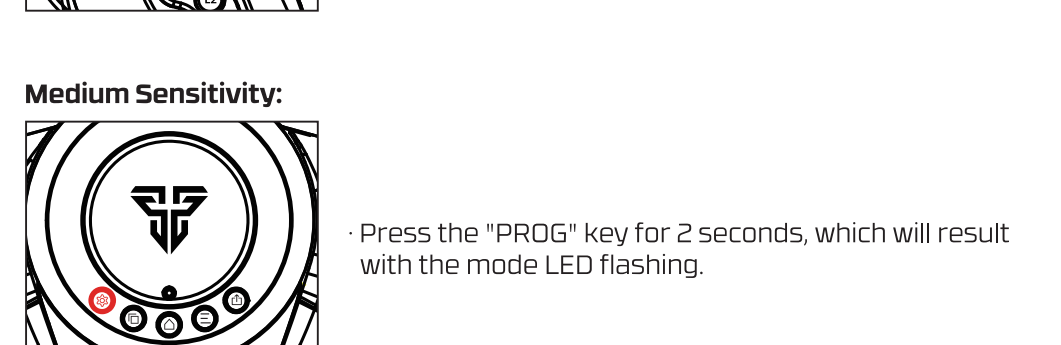
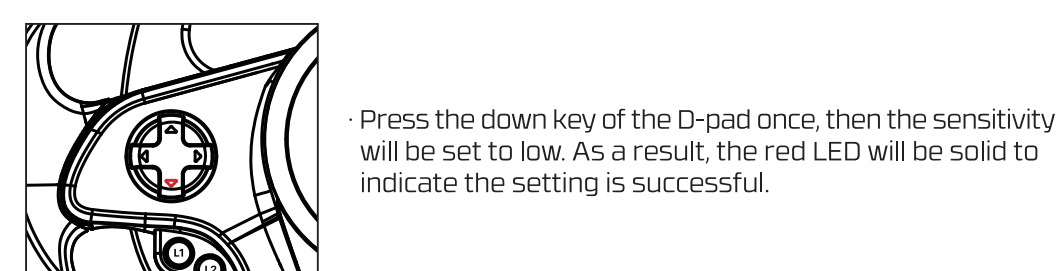
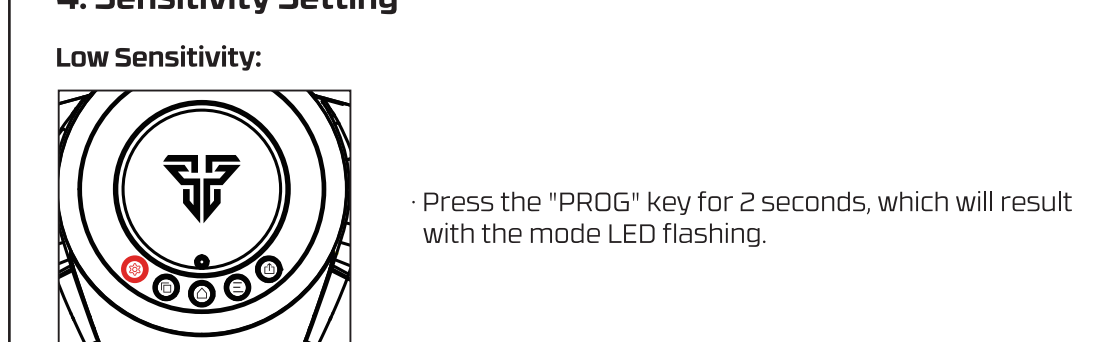
**2. Programming Source Key**



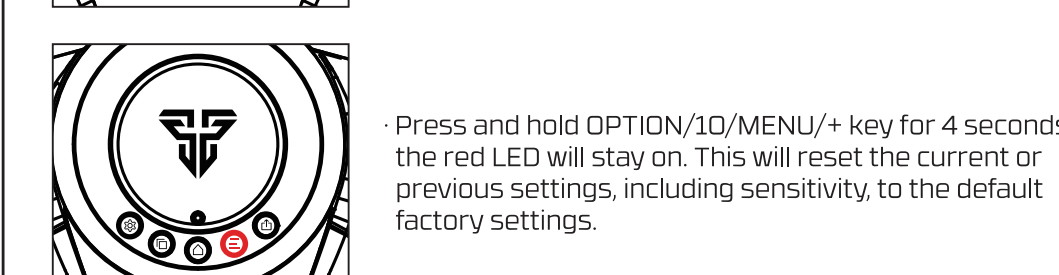
**3. Programming Setting**



**4. Sensitivity Setting**



**7. Programming Clear All**



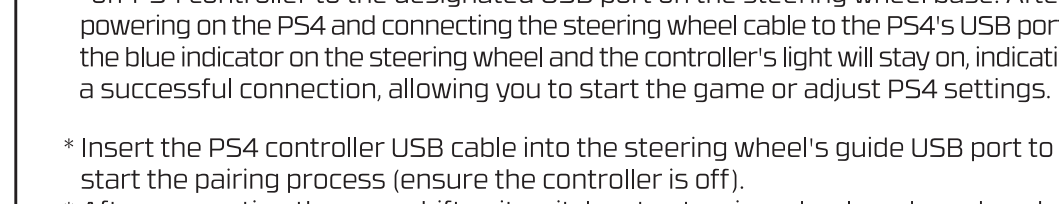
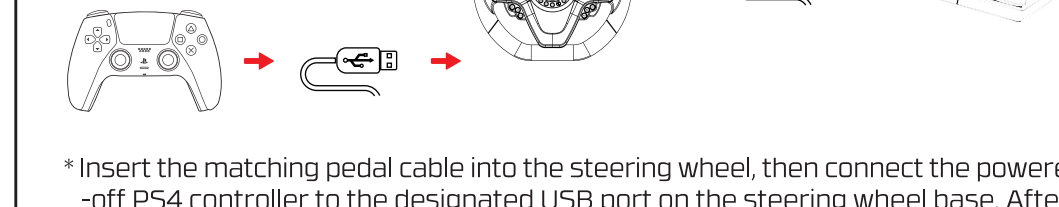
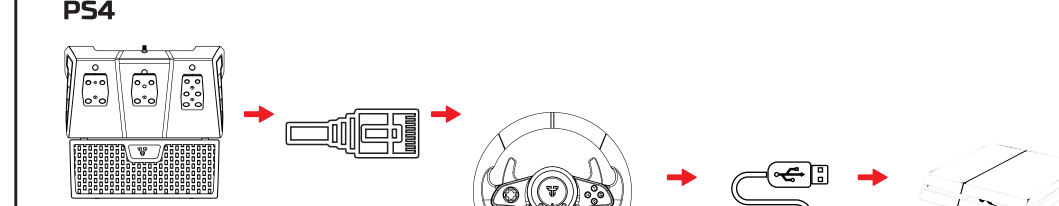
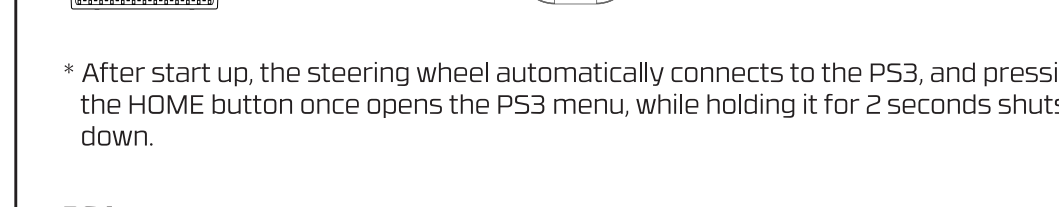
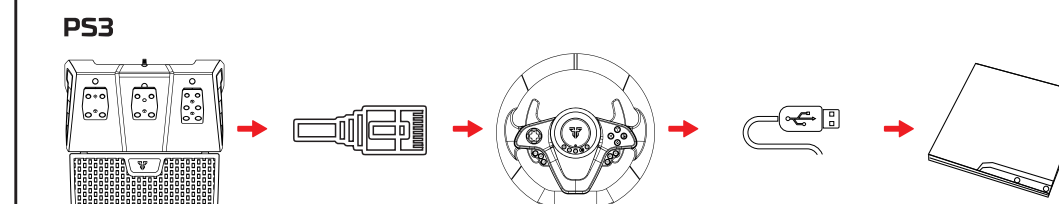
**3-Pedal Introduction:**

- The foot pedal includes a clutch which can only be used in games with a clutch or manual transmission mode.
- The left pedal is the clutch, the middle pedal is the brake, and the right pedal is the gas.
- If the game does not support the clutch function, the clutch pedal will not have any function or may function as a brake.
- In games that support the clutch function, if the clutch is set and pressed the vehicle will not move when pushing the gas or the brake pedal.

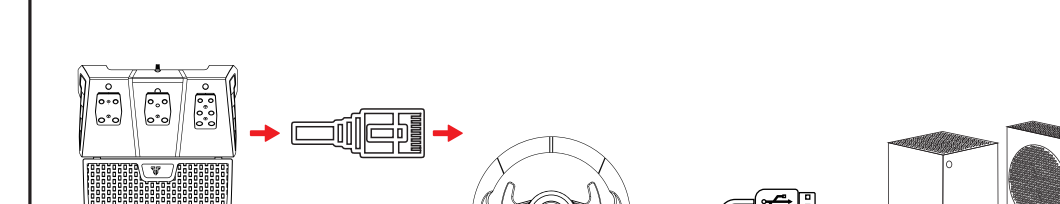
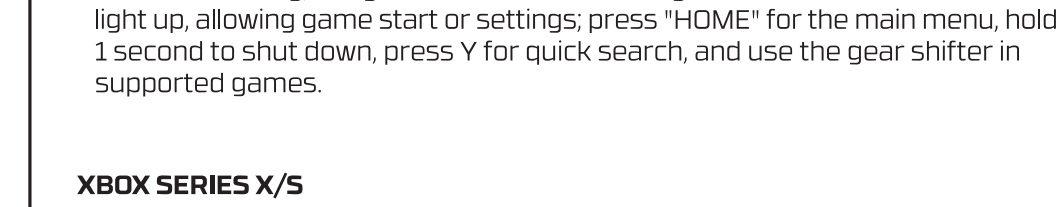
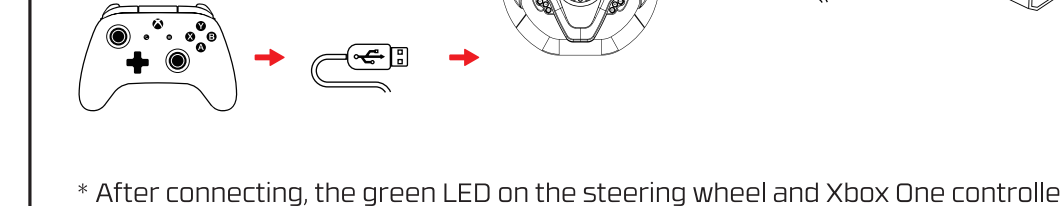
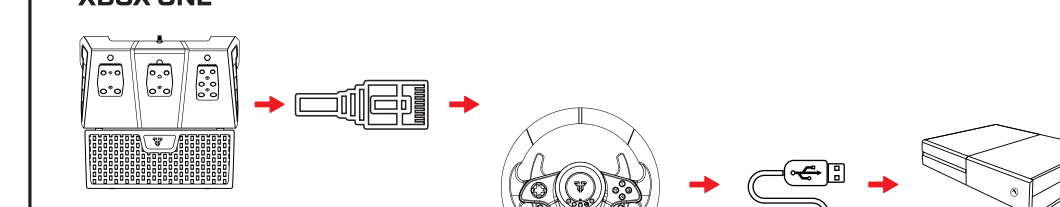
**How to use the H-Shifter:**

- Connect the 6+R gear shift lever to lock the steering wheel in protocol mode, requiring a game to function.
- The LO-HI button on the right switches between low (1-6) and high (7-12) gears. A short press toggles the gears, with the gear indicator LED turning on for high gears.
- Switching between high and low gears requires game support (currently only available in truck games).
- The "R" button on the left is for the handbrake. Press and hold to engage, release to disengage (requires game support or in-game settings).

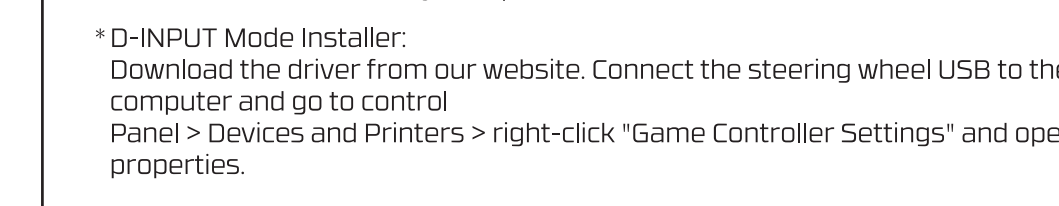
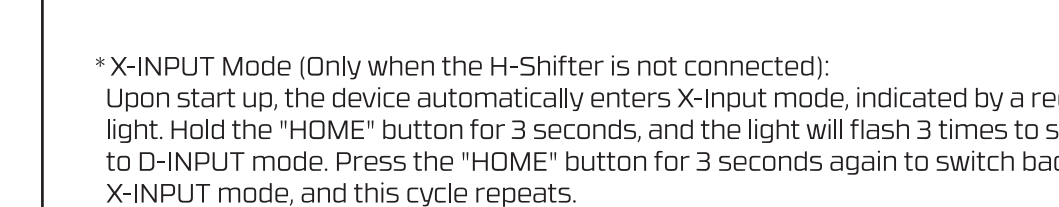
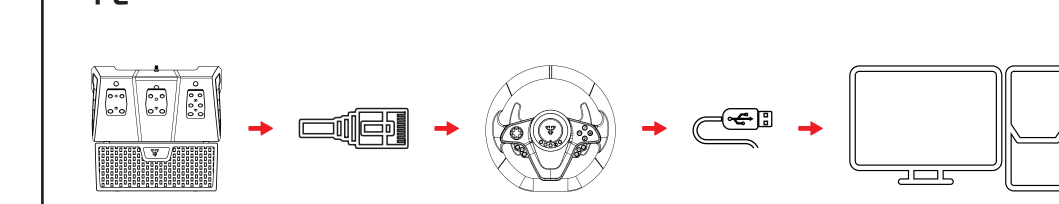
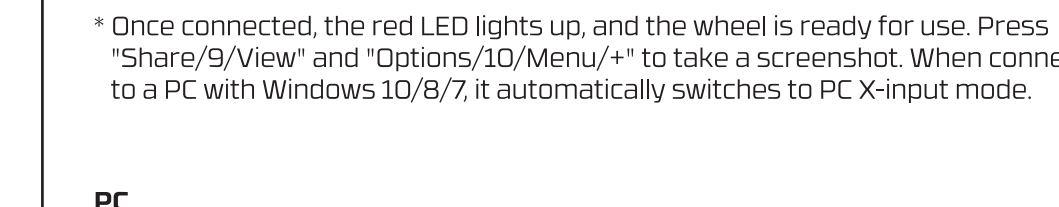
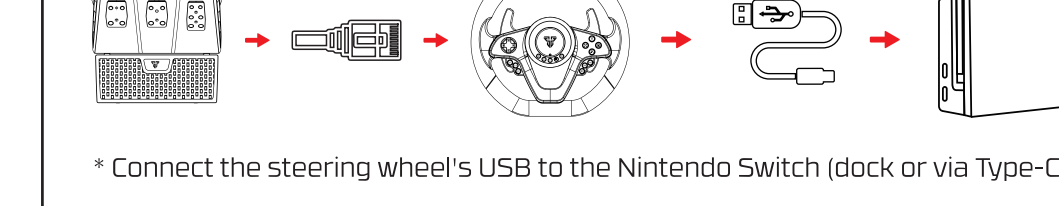
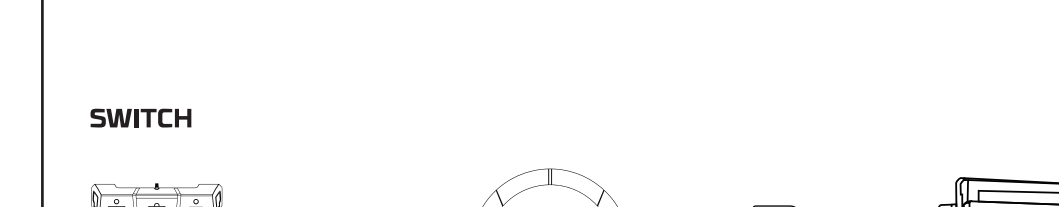
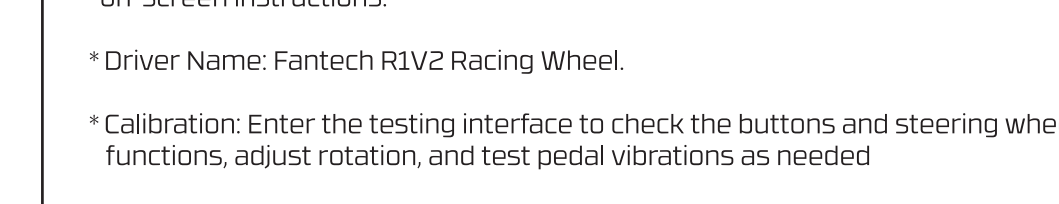
**HOW TO CONNECT**



**HOW TO CONNECT**



**HOW TO CONNECT**



**TROUBLESHOOTING:**

- The mode light does not light up. When the steering wheel is plugged into the console, please re-plug it or check whether the controller can work normally.
- When the steering wheel does not respond and the console screen does not move. The console may crash unexpectedly, please restart the console.
- When the steering wheel is not operated properly in the game. Please reconnect the steering wheel. Pay attention when you unplug the gear shift lever and reinsert it, you need to exit the game and re-enter. The gear shift lever function is only supported in games that support steering wheel mode.
- When connecting the controller, the controller must be turned off to prevent the controller from being connected to the host and lead to unsuccessful guidance.
- Because the programming function has memory, if you feel that the key position is wrong, please clear it according to the "Program Function - Program Clear Section".
- If the direction or foot pedal is not in place or does not return, please correct it according to the following methods:
  - Press the "L1+L2+R1+R2" buttons at the same time, and which will result in the LED blinking fast.
  - Gently turn the wheel to the left and continue until the wheel reaches the maximum position. The LED indicator will flash twice per second to indicate this has completed.
  - Gently turn the wheel to the right and continue until the wheel reaches the maximum position. The LED indicator will flash three times per second to indicate this has completed.
  - Push the right foot pedal to the maximum position and the LED indicator will flash 4 times per second to indicate this has completed.



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