FANTECH

ENGLISH



R2 RACING WHEEL

What's included in the box

1. Fantech R2 Racing Wheel
2. Fantech R2 Pedals
3. Clamp
4. Suction Cup
5. User Manual

System requirements

1. Operating Systems: Windows XP/7/8/9/10, PS3, PS4, Xbox One, Switch
2. Usb 2.0/3.0 Port
3. Original Console Controller (For use with Console)

USER MANUAL

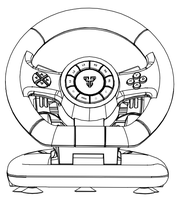
STEERING WHEEL

Model Number	: R2
Rotation	: 180°
Wheel Vibration	: Dual-Motor Vibration
Total Button	: 18 Button + D-Pad
Paddle Shift	: 2 Plastic Paddle Shift
Interface	: USB-A, RJ11
Cable Length	: 2 m PVC Cable
Weight	: 1950 ± 5 g
Size	: 9.45inch (240 mm)
Power Rating	: 5V ⎓ 60mA
Compatibility	: PC, PS3, PS4, XBOX ONE, SWITCH

GEAR SHIFTER

Total Pedals	: 2 (Brake + Throttle)
Version	: Potentionmeter
Material	: Plastic
Connector	: RJ11 4pin to Steering Wheel

SIZE



240 mm



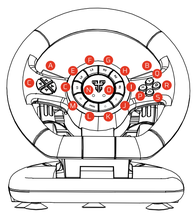
163 mm

182 mm

OVERVIEW

The R2 Wired Racing Steering Wheel is compatible with PS3/PS4/PC/Xbox One/Switch, equipped with dual vibration motors, an ergonomic design, and equipped with a brake and accelerator pedal.

STEERING WHEEL FRONT PANEL DIAGRAM



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

KEYS CORRESPONDENCE SHEET

Type	PS3	PS3	Xbox One	PC(X-INPUT)	PC(D-INPUT)	SWITCH
Action keys	X	X	A	A	2	B
	○	○	B	B	3	A
	□	□	X	X	1	Y
	△	△	Y	Y	4	X
	R1	R1	RB	RB	6	R
	L1	L1	LB	LB	5	L
	R2	R2	RT	RT	8	ZR
	L2	L2	LT	LT	7	ZL
	L3	L3	SL	SL	11	L3
	R3	R3	SR	SR	12	R3
D-pad	UP	UP	UP	UP	UP	UP
	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN
	LEFT	LEFT	LEFT	LEFT	LEFT	LEFT
	RIGHT	RIGHT	RIGHT	RIGHT	RIGHT	RIGHT
Function keys	START	OPTIONS	Menu	START	10	+
	SELECT	SHARE	View	BACK	9	-
Direction	LX	LX	+/→	+/→	+/→	LX
Left Wing	L2	L1	LB	LB	7	ZL
Right Wing	R2	R1	RB	RB	8	ZR
Left Pedal	□	L2	LT	LT	1	B
Right Paddle	X	R2	RT	RT	2	A
Mode Key	HOME	HOME	X-Guide	X-Guide	MODE	HOME

FUNCTION INTRODUCTION

1. Programmable target keys include:



Left Wing (L2 / 7 / LB / ZL)



Right Wing (R2 / 8 / RB / ZR)



Throttle (X / 2 / RT)



Brake (□ / 1 / LT)



L3 / 11 / SL



R3 / 12 / SR

2. Programming Source Key



X: □/1/X/Y
A: X/2/A/B
B: ○/3/B/A
Y: △/4/Y/X



L1: L1/5/LB/L,
L2: L2/7/LT/ZL
R1: R1/6/RB/R,
R2: R2/8/RT/ZR

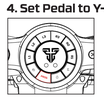
3. Programming Setting:

· Press the "PROG" button the green LED turns on.



· Press the programmed key, the green LED will blink. Then press the programming source key, the green LED will turn off, indicating the programming is complete.

4. Set Pedal to Y-Axis:



· Press the "PROG" button — the green LED turns on.



· Press the Left D-Pad — the green LED turns off, setting successful.

5. Steering Sensitivity Adjustment



· Press the "PROG" button — the green LED turns on.



· Press the SHARE / 9 / View / – button once to display the current sensitivity status.



· Press the SHARE / 9 / View / – button again to cycle through steering sensitivity modes: Medium (green LED flashes) → High (LED flashes quickly) → Low (LED flashes slowly)



· Press the D-Pad UP to confirm and complete the sensitivity adjustment.

6. Programming Clear:

· Press the "PROG" button — the green LED turns on.



· Press the target key to make the green LED flash, then press the source key to turn off the LED, completing the programming.

7. Program Clear All:



· Press the "PROG" button — the green LED turns on.



· Press and hold the OPTIONS / 10 / Menu / + button for 4 seconds — the green LED turns off, and all programmed keys are cleared.

* **Note:** All settings will be cleared when the steering wheel loses power.

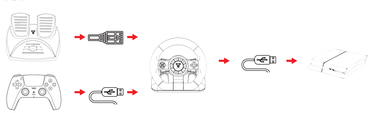
HOW TO CONNECT

PS3



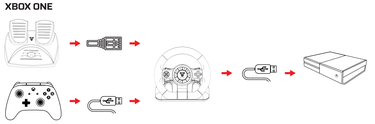
* Once connected, the PS3 automatically assigns a channel to the steering wheel, and the channel LED stays on. You can then start a game or configure settings. Press the HOME button once to enter the XMB menu, and hold it for additional settings.

PS4



* Insert the PS4 controler USB cable into the steering wheel's guide USB port to start pairing (ensure the controller is off), Once paired, the red LED on the steering wheel will stay on. Press the HOME button on the wheel to start gaming or system settings. Press it once more to access the main menu on PS4.

XBOX ONE



* Insert the Xbox One controller USB cable into the steering wheel guide port, and after successful pairing, the red LED will light up, allowing you to operate the console or enter the game.

PC



* X-INPUT Mode:
Power on to X-INPUT mode (red LED on). Hold HOME for 3 seconds to switch to D-INPUT (red LED blinks 6 times, then stays on). Hold HOME for 3 seconds again to return to X-INPUT.

* D-INPUT Driver Installation
Download the driver from our website. Connect the steering wheel USB to the computer and go to control
Instructions. Go to "Control Panel" → "Devices and Printers" + Right-click the device + " Game Controller Settings" → "Properties."

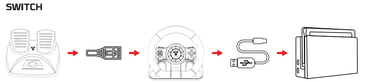
* **Note**: The steps may vary depending on the Windows version.

* Driver Name: Fantech R2 Racing Wheel.

* Product Testing: Check button and axis functionality in the test interface, calibrate he axis in the calibration interface, and test feedback through the axis or pedals in the vibration interface.

* Uninstall the driver: Go to "Control Panel" → "Programs and Features," find the driver, click "Uninstall," and follow the prompts.

SWITCH



* Alternatively, you can use a Type-C adapter cable to directly connect the steering wheel's USB main cable to the Switch console.

* Once connected, the red indicator light on the steering wheel will stay on, and a channel indicator light will automatically light up. You can then operate the console or start playing the game. To take a screenshot, briefly press the "SELECT/SHARE /9/VIEW/-" button and the "START/OPTIONS/10/MENU/+" button simultaneously.

TROUBLESHOOTING:

1. If the mode indicator light on the steering wheel does not turn on after connecting to the console, please try reconnecting the cable or check if the guiding controller is functioning properly.
2. If the steering wheel becomes unresponsive and the console screen freezes, th console may have crashed unexpectedly. Please restart the console and reconnect the steering wheel.
3. If the steering wheel behaves abnormally during gameplay, please unplug and reconnect it before trying again.
4. When connecting the guiding controller, make sure the controller is powered off, to prevent it from automatically connecting to the console and failing the pairing process.

PRECAUTIONS:

1. Please read the instructions fully before use.
2. Avoid dropping or otherwise damaging the wheel.
3. Do not disassemble or modify or repair the wheel by yourself.
4. Avoid storing in wet areas, or areas with high temperatures.
5. If you have any questions or suggestions, please contact the store where you purchased the product.

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