SVEN®

Game Racing Wheel

OPERATION MANUAL

GC-W900

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Game Racing Wheel

Congratulations on the purchase of Sven game racing wheel!

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TRADEMARKS

NOTICE OF RESPONSIBILITY RESTRICTION

CONTENTS

1. BUYER RECOMMENDATIONS
• Unpack the device carefully. Make sure there are no accessories left in the box. Check up the device for damage; if the product was damaged during transportation, address the firm which carried out the delivery; if the product functions incorrectly, address the dealer at once.
• Check up the package contents and availability of the warranty card. Make sure the warranty card has a shop stamp, a legible signature or the seller's stamp and purchase date, and the goods number corresponds to that in the warranty card. Remember: in case of warranty card loss or discrepancy of numbers you forfeit the right for warranty repairs.
• Before installing and using the speaker system, read this Manual carefully and keep it for future reference.
• Shipping and transportation equipment is permitted only in the original container.
• Does not require special conditions for realization.
• Dispose of in accordance with regulations for the disposal of household and computer equipment.

Technical support is on www.sven.fi.

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2. DESCRIPTION

GC-W900 Game Racing Wheel is designed for PC or game console. Ergonomic design with rubber coating and built-in vibration feedback mechanism ensures realistic driving in an autosimulator. Effect ofvibration feedback imparts a feeling of speed and uneven road surface, vibration at swerves, collisions and crashes in games. Panel with brake and acceleration pedals makes it possible to gain speed or brake in a flash. Using the handlebar mounts provide secure fixation of GC-W900 to the table ensuring steadiness during games.

3. PACKAGE CONTENTS

• Game Racing Wheel — 1 pc
• Pedal unit — 1 pc
• Operation manual — 1 pc
• Warranty card — 1 pc

4. SAFETY PRECAUTIONS

• Do not disassemble or repair the device on your own. Maintenance and repairs should be carried out by qualified staff of the service centre only.
• Protect the device from direct impact of high humidity, dust, strong magnetic fields, vibrations, high temperatures, toxic liquids and gases.
• Instructions for device maintenance: for cleaning the case of the device please use clean soft cloth. Do not use such solvents as gasoline or spirit for cleaning, since these solvents can damage the surface of the device.
• Do not drop the device not to have it damaged.

Special features

• Vibration feedback
• Programmable buttons
• 2 sticks
• 4 axis
• X-Input and D-Input modes support
• Gear lever with hand brake option for drifting
• 7 sensivity levels
• Analog and digital modes

5. SYSTEM REQUIREMENTS

• USB port PC / PS4 / PS3 / XB1 / XB360 / OC Windows / Android

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6. DESCRIPTION OF THE CONSTRUCTION

① Racing wheel
② Indication
③ Paddle shifters
④ Left stick
⑤ Buttons LB (L1,5), LT (L2, 7), RB (R1, 6), RT (R2, 8)
⑥ D-Pad
⑦ Button ←, Select, Share, Back, View
⑧ Button HOME
⑨ Buttons X, Y, B, A
⑩ Right stick
⑪ Button →, Start, Option, Menu
⑫ Steering sensitivity controller
⑬ Lever for changing gears
⑭ Foot pedal port
⑮ Fixing the steering wheel to the table
⑯ Brake pedal (Brake Y-)
⑰ Acceleration pedal (ACC Y+)

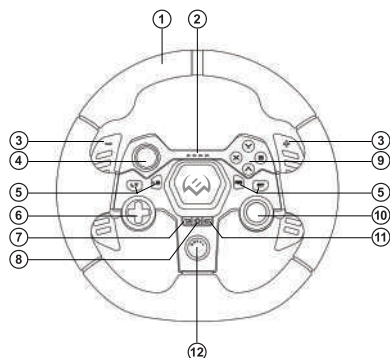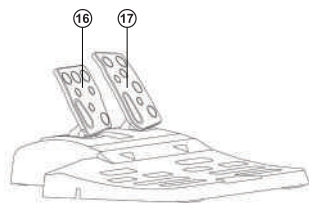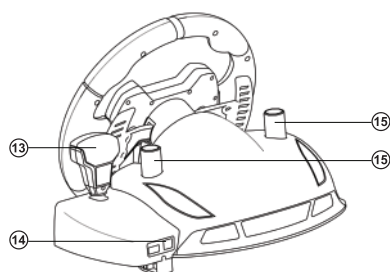*Fig. 1. Front view*

Fig. 3. Foot pedal unit

Fig. 2. Rear view

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7. TABLE FUNCTION KEYS

Buttons	PS3	PS4	Xbox360 Xinput	Xbox One	PC (D-input)	Switch	Android
Y			Y	Y	4	Y	Y
B	○	○	B	B	3	B	B
A	X	X	A	A	2	A	A
X	□	□	X	X	1	X	X
LB	L1	L1	LB	LB	5	LB	LB
RB	R1	R1	RB	RB	6	RB	RB
LT	L2	L2	LT	LT	7	LT	LT
RT	R2	R2	RT	RT	8	RT	RT
←	Select	Share	Back	View	9	Back	Back
→	Start	Option	Start	Menu	10	Start	Start
LSB	L3	L3	LSB	LSB	11	LSB	LSB
RSB	R3	R3	RSB	RSB	12	RSB	RSB
HOME	PS	PS	XBOX Guide	XBOX Guide	13	HOME	/
UP	UP	UP	UP	UP	UP	UP	UP
Right	Right	Right	Right	Right	Right	Right	Right
Down	Down	Down	Down	Down	Down	Down	Down
Left	Left	Left	Left	Left	Left	Left	Left
L Trigger	L1	L1	LB	LB	5	LB	LB
R Trigger	R1	R1	RB	RB	6	RB	RB
Stick Shift -	L1	L1	LB	LB	5	LB	LB
Stick Shift +	R1	R1	RB	RB	6	RB	RB
L Pedal	□	L2	LT	LT	LY-	LT	LT
R Pedal	X	R2	RT	RT	LY+	RT	RT
WHEEL	X axis	X axis	X axis	X axis	X axis	X axis	X axis
LX	X axis	X axis	X axis	X axis	X axis	X axis	X axis
LY	Y axis	Y axis	Y axis	Y axis	Y axis	Y axis	Y axis
RX	X axis roll	X axis roll	X axis roll	X axis roll	X axis roll	X axis roll	X axis roll
RY	Y axis roll	Y axis roll	Y axis roll	Y axis roll	Y axis roll	Y axis roll	Y axis roll

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8. BUTTONS PURPOSE CHANGING
Programmable functions
The steering wheel is the possibility of re-assign some functions to other buttons. Keys acceleration/brake, paddle shifters, lever for changing gears, can be reassigned depending on your habits and requirements in the game and defined as A / B / X / Y / LB / RB / LT / RT. While other keys do not support redirection.
1. Programming
Press and hold "←" and "→" keys at the same time for 3 seconds. Until one LED on the front of the steering wheel flashes. Press function key to be programmed (pedals, paddle shifters, changing gears). LED will flash quickly. Press one of function keys (A / B / X / Y / LB / RB / LT / RT), to assign new function to buttons. LED slowly blinks for 3 seconds and lights up constantly. Programming completed.
2. Reset all previously installed settings
Press and hold "←" and "→" keys at the same time for 3 seconds. Until one LED on the front of the steering wheel flashes. Then press "←" and "→" keys at the same time for 3 seconds, until LED flashes quickly. Reset of previously programmed buttons completed.

Adjustable steering sensitivity
The setting allows you to set one of seven steering sensitivity levels
• Turning the sensitivity knob ⑫, counterclockwise will increase the sensitivity by turning it clockwise, the sensitivity decreases. As the knob is rotated, the mode indicator ② will show the sensitivity level.

Wheel connecting to different devices
• **Use of a wheel together with the PS3 console**
1. Connect the pedals to the steering wheel, connect the steering wheel to the console using a USB cable.
2. Power on the console.
3. One of the LEDs will light in red. The steering wheel is ready to use.

• **Use of a wheel together with PS4, XBOX ONE, XBOX 360 consoles**
1. Connect the pedals to the steering wheel, connect the steering wheel to the console using a USB cable.
2. Connect the original gamepad to the steering wheel, via the USB cable (USB connector is located on the back of the steering wheel). The controller from the console will play the role of a key to establish a connection.
3. Power on the console.
4. One of the LEDs will light in red. The steering wheel is ready to use.

• **Using the steering wheel with Android**
Connect the steering wheel USB cable to your Android device, Smart TV or tv box. To connect the steering wheel to a phone or tablet, an OTG cable is required (not included).

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• Using the steering wheel with PC
1. Connect the pedals to the steering wheel, connect the steering wheel to PC using USB cable.
2. One of the LEDs will light in red. The steering wheel is ready to use.
3. X-input mode is turned on by default by pressing and holding button HOME for 3 seconds, the steering wheel will switch to D-input mode.

X-input mode
    When X-input mode is enabled. Drivers for this mode are not required. Go to menu "Control Panel" (Панель управления), further click on the icon "Devices and Printers" (Устройства и принтеры), in the opened window select the shortcut "Controller", right click select "Parameters of game control devices" (Параметры игровых устройств управления) Fig. 4.
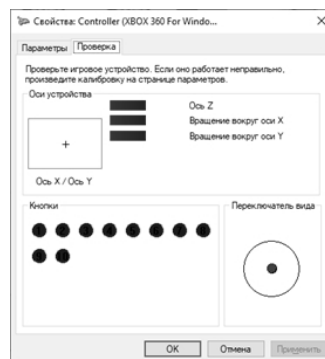

Fig. 4.

    Press the button "Properties" (Свойства) in the window that opens, Fig. 5, you can check the operation of the axes and keys. Tab "Options" (Параметры) allows you to calibrate the steering wheel.
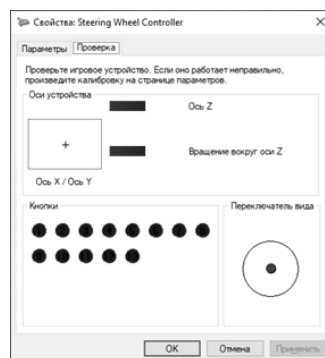

Fig. 5.

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D-input mode

Connect the steering wheel to the PC. Press and hold the MODE button for 3 seconds, the steering wheel will switch to D-input mode. During mode switching, the red LED will blink once. Go to menu "Control Panel" (Панель управления), further click on the icon "Devices and Printers" (Устройства и принтеры), в in the opened window select the shortcut "Steering Wheel Controller", right click select "Parameters of game control devices" (Параметры игровых устройств управления) (Fig. 6).
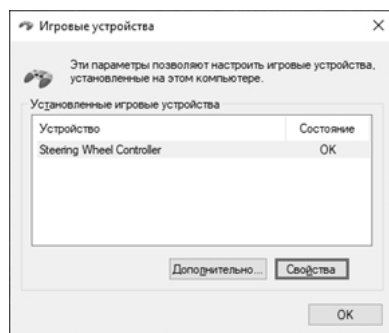

Fig. 6.

Press the button "Properties" (Свойства) and on the PC display a window will appear «Properties: Steering Wheel Controller» (Fig 7). Here you can check the operation of the axes and keys, calibrate the steering wheel.
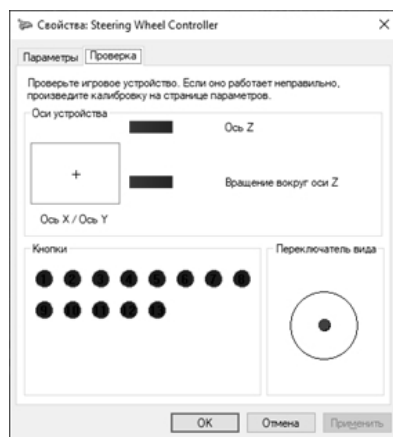

Fig. 7.

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Model: GC-W900

Импортер в России: ООО «Регард», 105082, г. Москва, ул. Фридриха Энгельса, д. 75, стр. 5. Уполномоченная организация в России: ООО «РТ-Ф», 105082, г. Москва, ул. Фридриха Энгельса, д. 56, стр. 1. Условия гарантийного обслуживания смотрите в гарантийном талоне или на сайте **www.sven.fi.** Гарантийный срок: 12 мес. Срок службы: 5 лет.
Производитель: «СВЕН ПТЕ. Лимитед», 176 Джу Чиат Роуд, № 02-02, Сингапур, 427447. Произведено под контролем «Свен Скандинавия Лимитед», 48310, Финляндия, Котка, Котолахдентие, 15. Сделано в Китае.

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Produced under the control of Oy Sven Scandinavia Ltd. 15, Kotolahdentie, Kotka, Finland, 48310. Made in China.

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