

SVEN[®]

Game Racing Wheel

OPERATION MANUAL



GC-W700

www.sven.fi

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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.

2. DESCRIPTION

GC-W700 Game Racing Wheel is specially designed for PC. Ergonomic design with rubber coating and built-in vibration feedback mechanism ensures realistic driving in an autosimulator. Effect of vibration 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. Rubber suction caps and/or fixation stand provide secure fixation of GC-W700 to the table ensuring steadiness during games.

3. 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.

4. PACKAGE CONTENTS

- Game Racing Wheel — 1 pc
- Pedal unit — 1 pc
- Fixation stand — 1 pc
- Software CD disk — 1 pc
- Operation manual — 1 pc
- Warranty card — 1 pc

5. SPECIAL FEATURES

- Ergonomic design of game racing wheel
- Wheel diameter – 10" (254 mm)
- Steering angle – 180 degrees
- Supports: Windows XP/Vista/7/8/10
- USB Interface
- Built-in Vibration feedback for more realistic effect
- Two axes, D-Pad, Tiptronic lever for changing gears, 12 additional keys
- Rubber coating of the wheel for comfortable driving
- Rubber suction caps and fixation stand for secure fixation on the table
- Digital and Analog Modes available
- Foot pedal unit included

6. SYSTEM REQUIREMENTS

- USB port available
- Operational System Windows XP/Vista/7/8/10

7. DESCRIPTION OF THE CONSTRUCTION

- ① Racing wheel
- ② Rubber coating
- ③ D-Pad
- ④ Buttons 5, 7, 9, 11
- ⑤ Paddle shifters
- ⑥ MODE button
- ⑦ Buttons 1-4
- ⑧ Buttons 6, 8, 10, 12
- ⑨ Lever for changing gears
- ⑩ ON/OFF MODE indication
- ⑪ Rubber suction caps
- ⑫ Brake pedal
- ⑬ Acceleration pedal
- ⑭ Foot pedal port
- ⑮ USB Cable

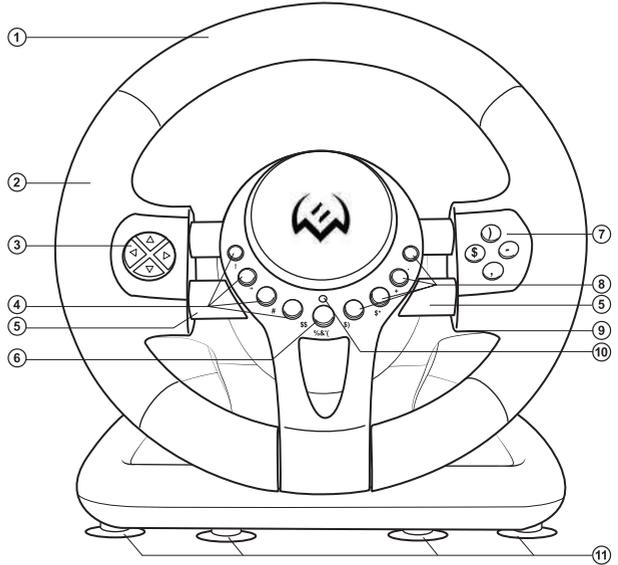


Fig. 1. Front view

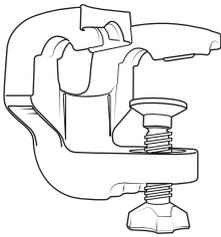


Fig. 2. Fixation stand

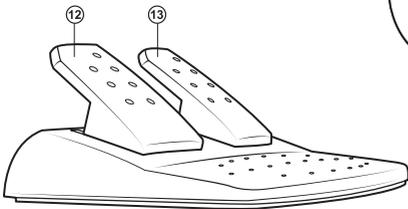


Fig. 3. Foot pedal unit

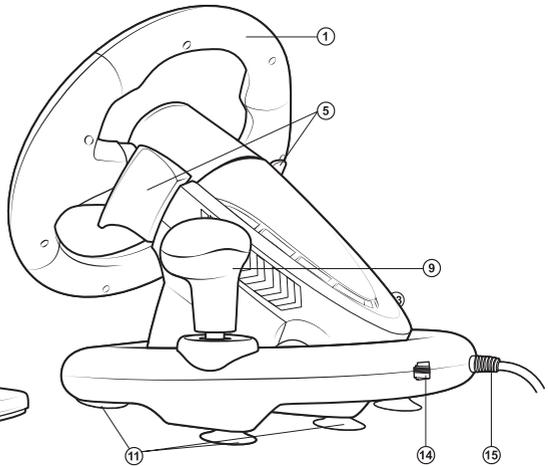


Fig. 4. Back view

8. CONNECTION AND INSTALLATION

- Install the device on even surface (for example, on a table) on its 5 suction caps. If necessary fasten it with the fixation stand (see Fig. 2).

- Connect pedal unit to the device (Fig. 3) via cable of the pedal unit to RJ-11 jack ⑩, then connect USB cable ⑪ of the device to the USB port of the computer.

- Insert Software CD disk into the disk drive of your PC and launch «setup.exe» to install drivers on your PC. If there is no CD drive in the PC, download the software from site <https://www.sven.fi/ru/>. After installation is complete, a shortcut LS-USBMX 1 2 3 Stering Wheel W/Vibration (Fig. 5), run it (you may need administrator rights).

- Press «Properties» (Fig. 6) and on the display of your PC there will appear «LS-USBMX 1/2/3 Steering» (Fig. 7). Here you can check work of axes and keys.

- Choose «Controllers» to set axes and keys (see Fig. 8). Setting of axes and keys (not compatible with OS Vista 64)

- Dead Zone setup: controller will not respond to a slight touch of acceleration pedal (Accelerate Y+), or brake pedal (Brake Y-), or turns of the wheel (Steering X), therefore necessary adjustments should be made by cursors (Fig. 8);



Fig. 5

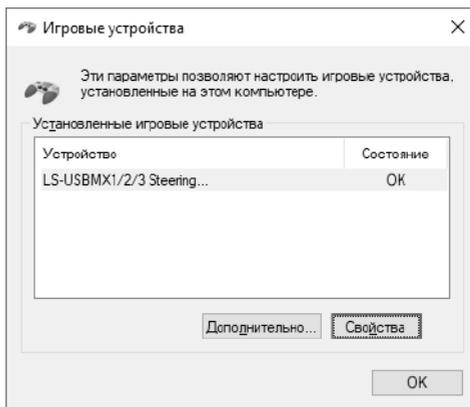


Fig. 6

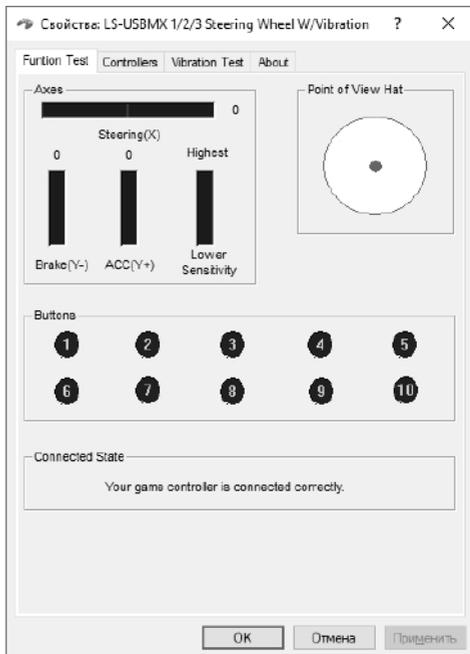


Fig. 7

- Sensitivity setup: the higher sensitivity is, the swifter and more efficient response of controller to pressing of pedals and turns of the wheel will be, therefore necessary adjustments within Lower to Higher range should be made by cursors (Fig. 8);

- KeyMap Setup reprograms functional keys: there should be chosen new necessary assignment against the key designation (Fig. 8);

- Choose «Vibration test» (Fig. 9) to check and set vibration feedback:

- a) moving cursor in «Vibration strenght» increases or reduces force of vibration feedback;

- b) pressing buttons «Left force», «Both force» or «Right force» allows to check vibration feedback (Fig. 9);

- c) after setting and checking, press «Aplay» in the bottom of the window.

- Switching modes. Game racing wheel is equipped with MODE button ⑥ for switching between Digital/ Analog modes, i.e. switching from Digital to Analog mode and vice-versa. When in Digital mode the wheel is turned and pedals are pressed, there is static maximum switching ON/OFF of corresponding axes, i.e. there is only ON/OFF position. In Analog Mode the signal is sent dependent on steering angle of the wheel and extent to which the pedal was pressed, i.e. smoothly.

- Operation without pedal unit. Game racing wheel is equipped with paddle shifters ⑤ that substitute acceleration and brake pedals: the left paddle shifter functions as a brake pedal, while the right paddle shifter functions as an acceleration pedal.

NOTE. Games supporting Force Feedback can have further setup of feedback in different situations: crashes, collisions against obstacles or road signs etc. For further setup it is necessary to make corresponding adjustments in the setup window against Stick Volume, Road Effects, Collision, Engine etc.

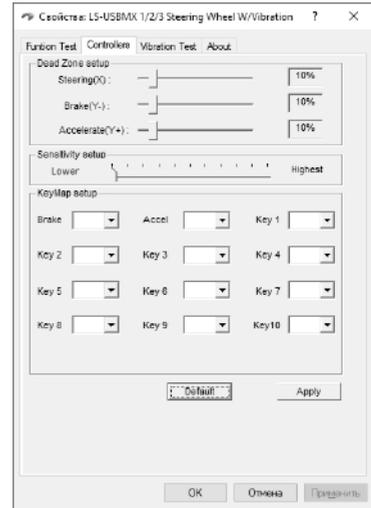


Fig. 8

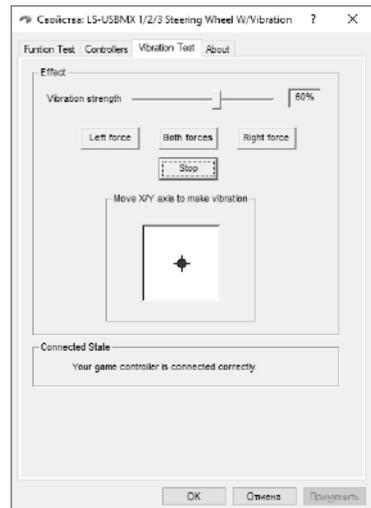
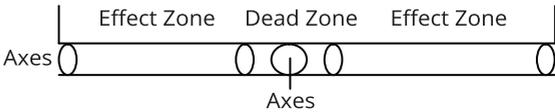


Fig. 9

9. TROUBLESHOOTING

Problem	Solution
After installation of the software, game controller does not work normally.	A. Check whether the controller's link cable is strongly connected to PC. B. Make sure that status indication for «Game devices», after installation is «Aplay». C. Check whether controller's settings have no conflicts with other peripherals' settings. D. Restart your PC, if the controller still doesn't work normally.
Driving program can't be installed on your PC or the test of controller has no response after installing it.	DirectX version is too low. It requires version 7.0 and up.
Motors have no vibration function in a racing game.	After exiting the game, disconnect the controller from the USB port and connect it again. If it still can't work normally, please restart the computer.
After entering game, some analog axis will automatically operate.	The steering wheel hasn't been calibrated or hasn't been confirmed after calibrations. Enter Option – Controllers – Dead Zone to adjust the range of the dead zone, and make sure the axes are in the range of the dead zone.  <p>The diagram shows a horizontal line representing the range of an analog axis. At each end, there is a vertical tick mark and a small circle representing the axis limit. The line is divided into three sections: the leftmost section is labeled 'Effect Zone', the middle section is labeled 'Dead Zone', and the rightmost section is labeled 'Effect Zone'. Below the line, there are two small circles representing the axis center and another small circle below the 'Dead Zone' label. The word 'Axes' is written vertically on the left side of the line, and 'Axes' is written horizontally below the line.</p>
After entering the game, vibration feedback operates automatically.	Enter «Force Feedback» and calibrate it.
During the game vibration feedback is insufficient.	Enter «Force Feedback» and set force of feedback.

If none of the above mentioned solutions removes the problem, please refer to nearest authorized service center for consultation by qualified specialist. Never try to repair the device on your own.

Game Racing Wheel

SVEN®

Model: GC-W700

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: 2 года.
Производитель: «СВЕН ПТЕ. Лимитед», 176 Джу Чиат Роуд, № 02-02, Сингапур, 427447. Произведено под контролем «Свен Скандинавия Лимитед», 48310, Финляндия, Котка, Котolahdentie, 15. Сделано в Китае.

Manufacturer: SVEN PTE. LTD, 176 Joo Chiat Road, № 02-02, Singapore, 427447.
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