

**SVEN**®  
YOU WANT – WE CAN

2.0 USB Multimedia  
Speaker System

## OPERATION MANUAL



**SVEN 245**

[www.sven.fi](http://www.sven.fi)

***Congratulations on your purchase of the Sven speaker system!***

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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.
- Do not switch on the speaker system immediately after you bring it into a room from environment with negative temperature! After unpacking, the speaker system should be kept in conditions of room temperature for at least 4 hours.
- Before installing and using the speaker system, read this Manual carefully and keep it for future reference.

***Technical support is on [www.sven.fi](http://www.sven.fi).***

## 2. PACKAGE CONTENTS

- Speaker system — 1 pc
- Operation manual — 1 pc
- Warranty card — 1 pc

## 3. SAFETY PRECAUTIONS

- To avoid electric shock, do not open the MSS and do not perform repairs by yourself. Service and repairs should be performed only by qualified specialists in an authorized service center. The list of authorized service centers is available on [www.sven.fi](http://www.sven.fi).
- Do not allow the circuit of wires (including the grounded ones) between the speakers, on the power amplifier or the ground, for it causes damage to the power amplifier output stage.
- Do not put foreign objects inside the holes of the MSS.
- The product shall not be exposed to water dripping or splashing and no objects filled with liquids, such as vases shall be placed on the product.
- Protect the MSS from heating: do not place it closer than 1 m from a heat source. Do not expose it to direct sunlight.
- Do not place any open flame sources on or close to MSS.
- Do not place the MSS in poorly ventilated areas. Leave an air gap of 10 cm or more. When operating the MSS, do not put any devices on it, do not cover it with cloth or other objects preventing it from cooling.
- MSS has the device of cutting off connection, easy to operate. If the MAINS plug and coupled apparatus used as the disconnect device, the disconnect device should be convenient to insert and pull out.
- Do not use any chemical agents for cleaning. Clean it with dry soft cloth only.




## 4. TECHNICAL DESCRIPTION

SVEN 245 USB Multimedia Speaker System 2.0 (MSS) is designed to play music and sound games, movies etc. MSS has built-in bridge amplifier, acoustic and signal cable due to which it can be connected to virtually any audio source (CD/DVD-players, TV, PC, etc.). MSS is connected to power supply via USB-port of a PC, laptop or 5V DC power supply with a cable USB. The speaker which has audio and control panel is named active one.

**Special features**

- U.S.S. (Ultra Sound System) – built-in bridge amplifier ensures output power 4 times higher than that of AB class amplifiers
- Power supply via USB-port of a PC, laptop or 5V DC power supply
- Volume control
- Power LED
- Speaker system is compatible with PCs, DVD/Media-players, mobile devices and other sound sources
- Headphone jack Ø 3.5 mm
- Microphone jack Ø 3.5 mm
- Magnetic shielding
- Plastic case of speakers

**Control panel**

- ① : power switch
- ② VOL: volume control knob
- ③ : headphone jack
- ④ : microphone jack
- ⑤ Power LED

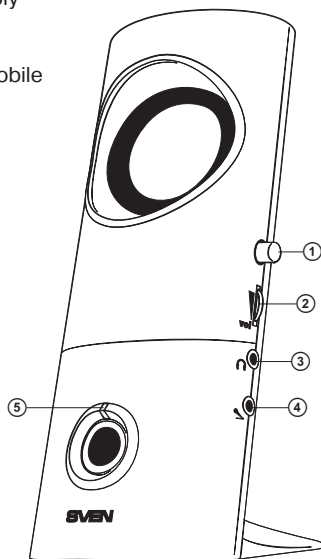


Fig. 1. Control panel

**5. PREPARATION AND OPERATION****Speaker placement**

- Place speakers symmetrically to the listener at a distance not less than one meter.
- Place MSS far away from monitors and TV sets, as insignificant image distortion in these supersensitive devices is possible.

**MSS Connecting**

SVEN 245 USB Multimedia Speaker System can be connected to virtually any audio source: DVD/CD, PC sound card, etc. (see connection diagram, Fig. 2).

- Before connecting, make sure that MSS is unplugged. Plug built-in amplified speakers signal cables with mini-jack 3.5 mm: audio cable (mini-jack green) – to the audio sound source and microphone cable (mini-jack pink) – to the microphone jack (see connection diagram, Fig. 2).

- Plug connector of the USB-power cable to the USB-port of the PC, laptop or the 5V DC power supply.

**Notes:**

• **To connect MSS to CD/DVD/TV-players, stereo signal cable mini-jack to mini-jack and adapter RCA to mini-jack (not included) should be used.**

- Set volume level to minimum by turning VOLUME control knob ② counterclockwise until it stops.
- Turn on PC power supply, shift POWER switch ①, power LED ⑤ will illuminate.
- Turn on audio source.
- Adjust volume level by turning VOLUME control knob ②.

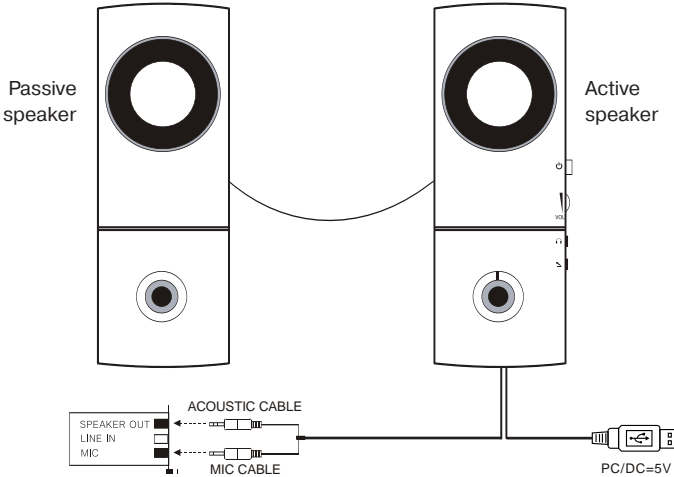


Fig. 2. Connection diagram

- Plug headphone into the headphone jack ③, and microphone into the microphone jack ④.

**Notes:**

- **After finishing operation with MSS, mind to unplug it.**
- **To enhance sound quality, use Line-Out output of soundcard.**

**6. TROUBLESHOOTING**

Problem	Cause	Solution
MSS does not turn on.	MSS is not connected to the mains outlet.	Check the connection.
	Power switch is off.	Turn on the switch.
No sound.	Volume level is set at minimum value.	Adjust volume control knob.
	Improperly connected audio source.	Connect audio sources correctly.
There is too quiet sound of speakers.	Volume level is set at minimum value.	Adjust volume control knob.
Distortion of sound.	Large amplitude of the input signal.	Turn down source volume and MSS volume.

If none of the above methods can not solve the problem, please seek professional advice at your nearest service center. Never attempt to repair the product yourself.

**7. TECHNICAL SPECIFICATIONS**

Parameter, measurement unit	Value
Output power (RMS), W	4 (2 × 2)
Frequency range, Hz	90 – 20,000
S/N ratio, dB	≥ 95
Speaker diameter, mm	Ø 57
Power supply, V	USB/DC 5
Cable USB length, m	1.2
Cable with mini-jack Ø 3.5 mm length, m	1.2
Dimensions (one speaker) (W × H × D), mm	70 × 185 × 48
Weight, kg	0.4

**Notes:**

- **Technical specifications given in this table are supplemental information and cannot give occasion to claims.**
- **Technical specifications and package contents are subject to change without notice due to the improvement of SVEN production.**

## 2.0 USB Multimedia Speaker System

**SVEN**®  
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**Модель: SVEN 245**

Импортер в России: ООО «СКАНДИТРЕЛ», 111024, РФ,  
г. Москва, ул. Авиамоторная, д. 65, стр. 1.

Уполномоченная организация в России: ООО «РТ-Ф»,  
105082, г. Москва, ул. Фридриха Энгельса, д. 75, стр. 5.

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.

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control of Oy Sven Scandinavia Ltd. 15, Kotolahdentie,  
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