

**SVEN**®  
YOU WANT – WE CAN

2.1 Multimedia Speaker System

# OPERATION MANUAL



**MS-940**

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

- Subwoofer – 1 pc
- Satellites – 2 pcs
- Mini-jack Ø 3.5 mm to mini-jack Ø 3.5 mm signal cable – 1 pc
- Operation manual – 1 pc
- Warranty card – 1 pc

## 3. SAFETY PRECAUTIONS



**Caution! High voltage inside! To avoid the risk of electric shock do not open or touch elements inside.**

- 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 touch the MSS power cord plug pins for 2 seconds after unplugging it from the mains.
- Disconnect the MSS from the mains system during a fuse replacement. Use fuses of the same type and rated value. Do not use hand-made fuses.
- Do not put foreign objects inside the holes of the MSS.
- Protect the MSS from high humidity, water and dust.
- 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.
- Do not use any chemical agents for cleaning. Clean it with dry soft cloth only.

## 4. TECHNICAL DESCRIPTION

MS-940 Multimedia Speaker System 2.1 (MSS) is designed to play music and sound games, movies etc. MSS has built-in power amplifier, acoustic cables built-in satellites and signal cable due to which it can be connected to virtually any audio source (CD/DVD-player, TV, PC, etc.) without using additional power amplifier.

### Special features

- Speaker system is compatible with PCs, DVD/Media-players, mobile devices and other sound sources
- Unique design
- Master volume control on the subwoofer top panel
- Separate bass volume control and tremble control
- Magnetic shielding

# Operation Manual

# MS-940

## Subwoofer front view

- ① VOLUME: master volume control knob
- ② Power LED
- ③ TREBLE: treble level control wheel
- ④ BASS: subwoofer volume control wheel
- ⑤ Woofer

## Subwoofer bottom panel

- ⑥ OUTPUT: speaker output
- ⑦ INPUT: audio source input
- ⑧ POWER ON/OFF: power switch
- ⑨ Power cord

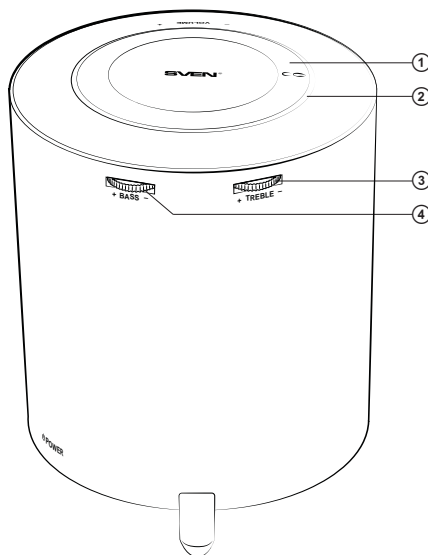


Fig. 1. Subwoofer front view

## 5. PREPARATION AND OPERATION

### Speaker placement

- Place speakers symmetrically to the listener at the distance not less than one meter. Subwoofer emits non-directional sound, therefore it can be located in any place of the room, where it will sound to the best advantage.
- Place MSS far away from monitors and TV sets, as insignificant image distortion in these supersensitive devices is possible.

### Installation and operation

MS-940 Multimedia Speaker System can be connected to virtually any audio source: DVD/CD, PC sound card, etc. (see Fig. 3).

**Note! Before connecting, make sure that the device is unplugged.**

- Connect audio cable built-in speakers into OUTPUT ⑥ of subwoofer bottom panel, as shown in Fig. 3.
- Insert mini-jack of signal cable (included) into subwoofer INPUT ⑦ and opposite mini-jack of signal cable connect into LINE OUT port of PC sound card or OUTPUT of MP3/CD-player (see Fig. 3). To connect MSS to DVD-player or TV use stereo signal cable mini-jack to 2RCA (not included) or adapter mini-jack to 2RCA (not included) with stereo signal cable mini-jack to mini-jack (included).
- Insert plug of power cord ⑨ on the bottom panel of subwoofer into the socket (see Fig. 2).
- Adjust master volume level to its minimum by turning master volume control VOLUME ① counterclockwise until it stops.

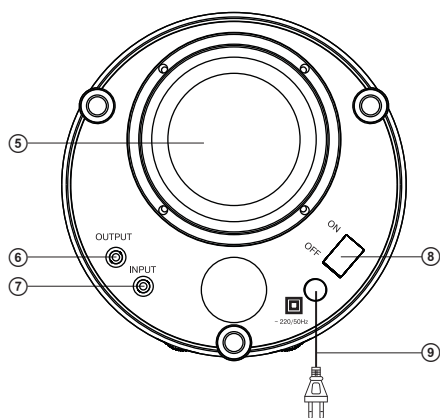


Fig. 2. Subwoofer bottom panel

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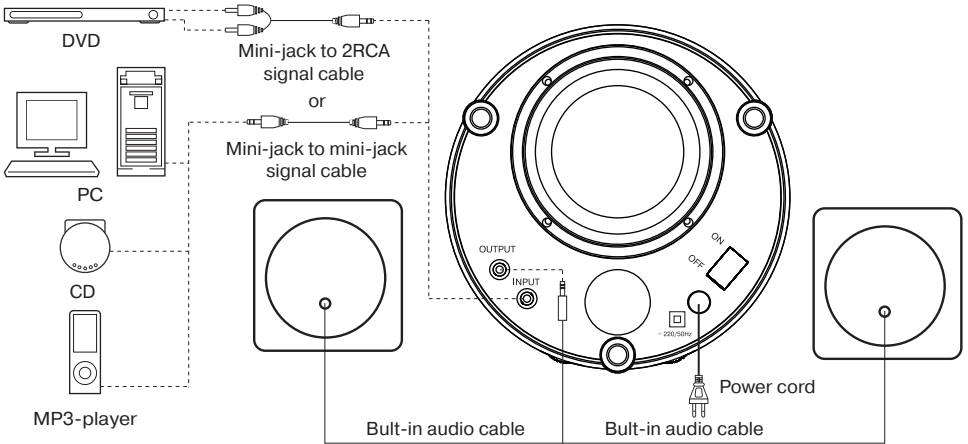


Fig. 3. Connection diagram

- Shift POWER ON/OFF switch ⑧, power LED ② will illuminate on subwoofer top panel (see Fig. 1).
- Switch on the audio source and adjust master volume level by turning master volume control VOLUME ①. While turning master volume control clockwise, volume level increases, but while turning it counterclockwise, it reduces.
- Adjust subwoofer volume level and tremble control by turning BASS ④ and TREBLE ③ control wheels accordingly. While turning the wheel clockwise, volume level increases, but while turning it counterclockwise, it reduces.

**Notes.** If speaker system has not been used for a long time, please mind to switch off POWER ⑧ on subwoofer bottom panel and pull out its plug ⑨ from the socket.

**6. TROUBLESHOOTING**

<b>Problem</b>	<b>Cause</b>	<b>Solution</b>
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.
Sound is produced by one of the channels only.	Improperly connected speakers to audio source.	Check the connection of speakers.

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.

## 7. TECHNICAL SPECIFICATIONS

Parameter, measurement unit	Value
Output power (RMS), W	25 (15 + 2 × 5)
Frequency range, Hz subwoofer satellites	40 – 200 200 – 20,000
Speaker diameters, mm subwoofer satellites	Ø 115 Ø 70
Power supply, V/Hz	~220/50
Dimensions (W × H × D), mm subwoofer one satellite	190 × 240 × 190 130 × 130 × 115
Weight, kg	3.58

**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.**

## 2.1 Multimedia Speaker System

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Модель: **MS-940**

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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.  
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