

**SVEN**®  
YOU WANT – WE CAN

2.1 Multimedia Speaker System

# OPERATION MANUAL



**MS-309**

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

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**CONTENTS**

<b>1. BUYER RECOMMENDATIONS .....</b>	<b>1</b>
<b>2. PACKAGE CONTENTS.....</b>	<b>2</b>
<b>3. SAFETY PRECAUTIONS .....</b>	<b>2</b>
<b>4. TECHNICAL DESCRIPTION .....</b>	<b>2</b>
<b>5. PREPARATION AND OPERATION .....</b>	<b>3</b>
<b>6. TROUBLESHOOTING.....</b>	<b>5</b>
<b>7. TECHNICAL SPECIFICATIONS .....</b>	<b>6</b>

**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 to mini-jack 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.
- 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-309 2.1 Multimedia Speaker System (MSS) is designed to play music and sound games, movies, etc. The MSS has a built-in power amplifier, audio cables built into the satellites and a signal cable enabling to connect it to virtually any audio source (CD/DVD player, TV, PC, etc.) without using an additional power amplifier.

### Special features

- Built-in power amplifier
- Volume control and timbre control
- Speaker system is compatible with PCs, DVD/Media-players, mobile devices and other sound sources
- Magnetic shielding
- MDF subwoofer and satellites cabinets
- MDF subwoofer cabinet

**Front and rear subwoofer panels**

- ① VOLUME: volume control knob
- ② Power LED
- ③ BASS: bass level control knob
- ④ TREBLE: treble level control knob
- ⑤ SPEAKER OUT L: left satellite output jack
- ⑥ SPEAKER OUT R: right satellite output jack
- ⑦ POWER ON/OFF: power switch
- ⑧ Power cord
- ⑨ LINE IN: audio source input jack

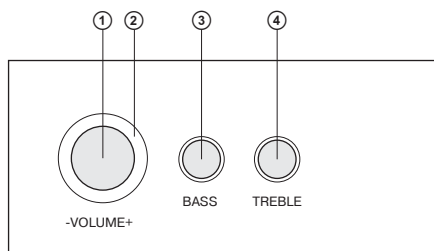


Fig. 1. Subwoofer front panel

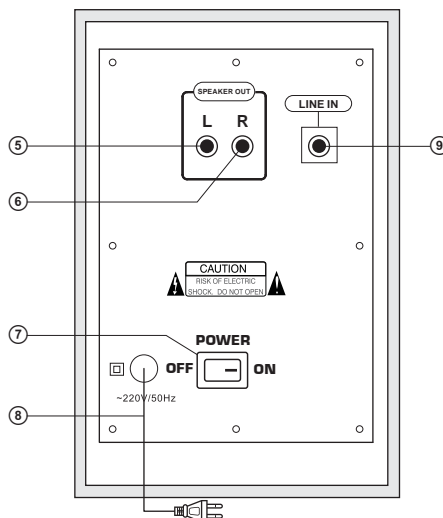


Fig. 2. Subwoofer rear panel

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

- Place the speakers symmetrically to the listener at least one meter away. The subwoofer emits non-directional sound, therefore it can be located in any place of the room where it sounds the best.
- Place MSS far away from monitors and TV sets, as insignificant image distortion in these super-sensitive devices is possible.

**Installation and operation**

MS-309 Multimedia Speaker System can be connected to virtually any audio source: DVD/CD, PC sound card, etc. (see connection diagram in Fig. 3).

- Before making any connections, make sure that the MSS is switched off. Then connect the audio cables built into the speakers into the SPEAKER OUT jacks of the subwoofer: the left speaker to the L jack ⑤, the right speaker to the R jack ⑥.
- Insert the mini-jack ( $\varnothing$  3.5 mm) of the signal cable (included) into the LINE IN subwoofer input ⑨, then connect it into the LINE OUT port of your PC sound card or OUTPUT of your MP3/CD player. To connect the MSS to a DVD player or TV, use the included mini-jack to mini-jack signal cable with a mini-jack to 2RCA adapter (not included), as shown in Fig. 3.
- Adjust the VOLUME control knob ① on the subwoofer to its minimum, then connect the subwoofer to a mains outlet via the built-in power cord ⑧.

2.1 Multimedia Speaker System

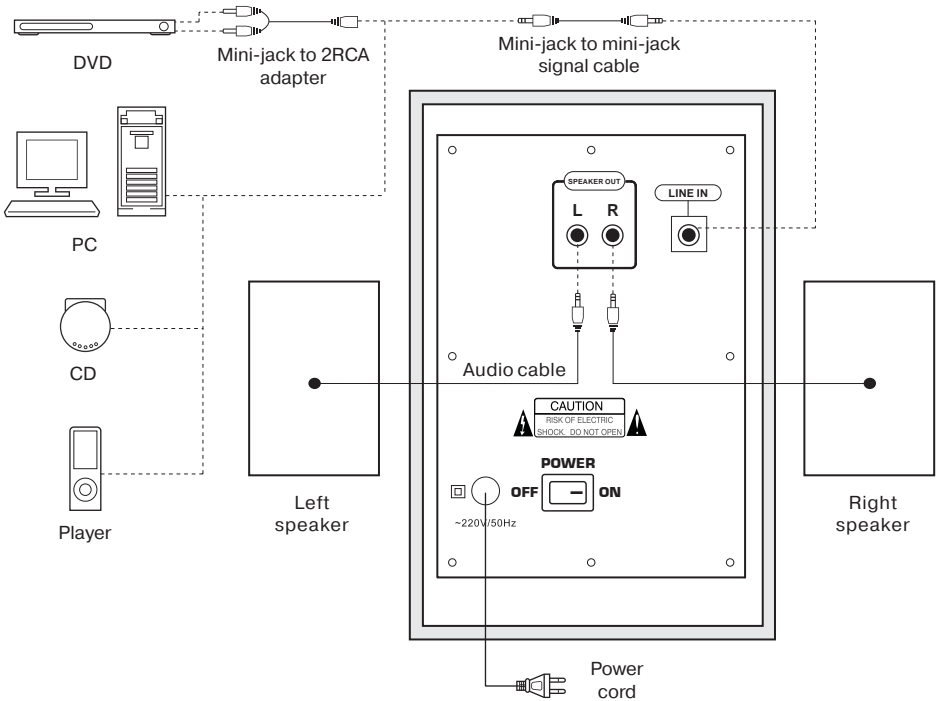


Fig. 3. Connection diagram

- Switch on the subwoofer with the POWER switch (⑦, ON position). The power LED ② will light up. Then turn on an audio source and adjust the subwoofer volume level with the VOLUME control knob ①, the bass level and treble level with the BASS control knob ③ and TREBLE control knob ④ respectively.

- After using the MSS, mind to shift the POWER switch ⑦ into the OFF position, and unplug the power cord ⑥.

**Note.** To improve the sound quality, use the Line-Out port of your sound card.

**6. TROUBLESHOOTING**

<b>Problem</b>	<b>Cause</b>	<b>Solution</b>
The MSS does not turn on.	The MSS isn't connected to a mains outlet.	Check the connection.
	The power switch is off.	Turn on the switch.
No sound.	Volume level is set at minimum value.	Adjust the 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 the volume control knob.
Distortion of sound.	Large amplitude of the input signal.	Turn down the source and MSS volume.

If none of the above mentioned solutions removes the problem, please address your nearest authorized service center. Never try to repair the device on your own.

## 7. TECHNICAL SPECIFICATIONS

Parameter, measurement unit	Value
Output power (RMS), W subwoofer satellites	20 (10 + 2 × 5) 10 2 × 5
Frequency range, Hz	40 – 20 000
S/N ratio, dB	≥ 65
Speaker diameter, mm subwoofer satellites	Ø 100 Ø 75
Power supply, V / Hz	~220/50
Dimensions (W × H × D), mm subwoofer one satellite	165 × 230 × 237 90 × 130 × 98
Weight, kg	4.0

**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-309**

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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: 5 лет.  
Производитель: «СВЕН ПТЕ. Лимитед», 176  
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