

SVEN®
YOU WANT – WE CAN

2.1 Multimedia Speaker System

OPERATION MANUAL



MS – 1020

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.

2. PACKAGE CONTENTS

- Subwoofer — 1 pc
- Satellites — 2 pcs
- Wired remote control — 1 pc
- 2RCA 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
- 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-1020 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 into 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. Wired remote control is included.

Special features

- Speaker system is compatible with PCs, DVD/Media-players, mobile devices and other sound sources
- Two-way satellites
- Wired remote control
- Master volume control
- Separate subwoofer volume control and timbre control
- Additional audio input on the wired remote control
- Magnetic shielding
- MDF subwoofer cabinet

Subwoofer front panel and remote control

- ① POWER: POWER switch
- ② Power LED
- ③ Phase inverter
- ④ BASS: subwoofer volume control knob
- ⑤ TREBLE: treble level control knob
- ⑥ VOLUME: volume control knob
- ⑦ \ominus : additional input for audio source connection

7. SUBWOOFER REAR PANEL

- ⑧ OUTPUT: speaker outputs
- ⑨ INPUT: audio source inputs
- ⑩ Wired remote control jack
- ⑪ Power cord

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.

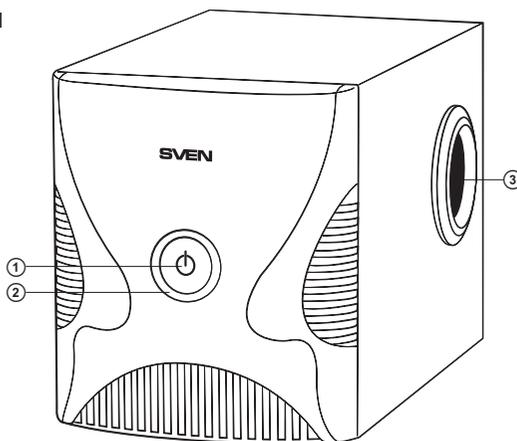


Fig. 1. Subwoofer front panel

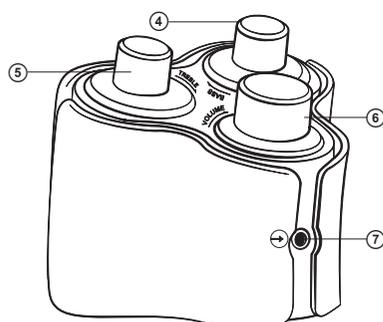


Fig. 2. Remote control

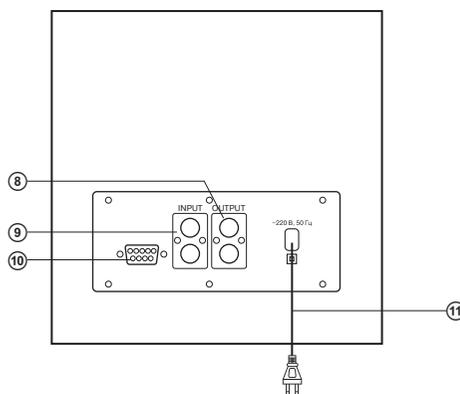


Fig. 3. Subwoofer rear panel

MSS connecting and control

MS-1020 Multimedia Speaker System can be connected to virtually any audio source: DVD/CD, PC sound card, etc. (see Fig. 4 below).

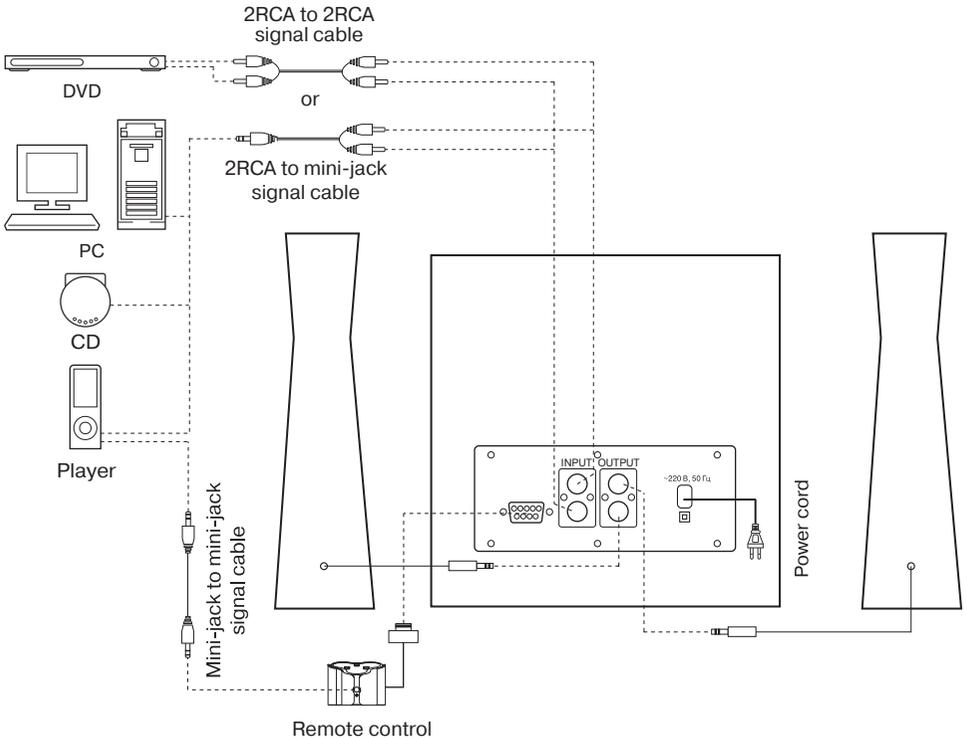


Fig. 4. Connection diagram

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

- Connect acoustic cables built into speakers into OUTPUT ⑧ of subwoofer rear panel (Fig. 4): left speaker to white color output, right speaker to red color output.
- Insert RCA-jack of signal cable (included) into subwoofer INPUT ⑨, and connect opposite mini-jack of signal cable into LINE OUT port of PC sound card or OUTPUT of MP3/CD-player, as shown in Fig. 4. To connect MSS to DVD-player or TV use the stereo signal cable 2RCA to 2RCA (not included).
- Connect wired remote control to appropriate connector on the subwoofer rear panel ⑩ (see. Fig. 4). MP3 player can be connected to an additional audio input ⑦ on the wired remote control via a mini-jack to mini-jack signal cable (not included) (see. Fig. 4).

- Insert plug of power cord ⑩ on the rear panel of subwoofer into the socket.
- Adjust volume level to its minimum by turning VOLUME control knob ⑥ counterclockwise until it stops.
- Shift POWER switch ① on subwoofer front panel, power LED ② will illuminate on subwoofer front panel.
- Switch on the audio source and adjust volume level by turning VOLUME control knob ⑥. While turning the knob clockwise, volume level increases, but while turning it counterclockwise, it reduces.
- Adjust subwoofer volume level by turning BASS control knob ④. While turning the knob clockwise, subwoofer volume level increases, but while turning it counterclockwise, it reduces.
- Adjust treble level by turning TREBLE control knob ⑤. While turning the knob clockwise, treble 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 ① on subwoofer rear panel and pull out its plug ⑩ from the socket.

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 or there is too quiet sound of speakers.	Volume level is set at minimum value.	Adjust volume control knob.
	Improperly connected audio source.	Connect audio sources correctly.
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.
Remote control is not working.	Remote control is not connected to the subwoofer.	Check the connection.

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

7. TECHNICAL SPECIFICATIONS

Parameter, measurement unit	Value
Output power (RMS), W	60 (30 + 2 × 15)
Frequency range, Hz: subwoofer satellites	35 – 200 100 – 20,000
Speaker diameter, mm: subwoofer satellites	Ø 133 50 × 90 + Ø 25
Power supply, V / Hz	~220/50
Dimensions (W × H × D), mm: subwoofer one satellite	200 × 223 × 350 80 × 346 × 90
Weight, kg	6.58

Notes:

- **Technical specifications given in this table are supplemental information and can not 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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Условия гарантийного обслуживания смотрите
в гарантийном талоне или на сайте www.sven.fi.
Гарантийный срок: 12 мес. Срок службы: 5 лет.
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