

**SVEN**®  
YOU WANT – WE CAN

2.1 Multimedia Speaker System

# OPERATION MANUAL



**SPS-820**

[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
- 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](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

SPS-820 Multimedia Speaker System 2.1 (MSS) designed to play music and sound games, movies etc. The subwoofer has built-in power amplifier, due to which it can be connected to virtually any audio source (CD/DVD-player, TV, PC, etc.) without using an additional power amplifier.

### Special features

- Built-in transformer power supply
- Volume control, subwoofer volume control
- Speaker system is compatible with PCs, DVD/Media-players, mobile devices and other sound sources
- Magnetic shielding allows to use MSS near monitors and TV sets practically without picture distortion
- Wooden (MDF) cabinets of the subwoofer and satellites

**Front and rear control panels of the subwoofer**

- ① VOLUME: master volume control knob
- ② BASS: subwoofer volume control knob
- ③ TONE: timbre control knob
- ④ Power LED
- ⑤ Phase inverter
- ⑥ AUDIO IN: audio source input
- ⑦ POWER: power switch
- ⑧ AUDIO OUT: speakers connection terminal
- ⑨ 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.

**Installation and operation**

SPS-820 Multimedia Speaker System (MSS) can be connected to virtually any audio source (see connection diagram, Fig. 3).

- Before connecting, make sure that the MSS is unplugged. Then connect the built-in audio cables to the audio outputs on the rear panel of subwoofer (see Fig. 3). Note that the red «connector» on the right speaker should be connected to subwoofer red terminals (AUDIO OUT R), and the white «connector» of the left speaker – to the white plug the subwoofer (AUDIO OUT L).

- RCA-jacks of stereo signal cable should be inserted to input connectors R and L (AUDIO IN ⑥) of subwoofer, and mini-jack of cable should be plugged in Ø 3.5 mm LINE OUT port of the computer sound card or audio output of player, see Fig. 3.

**Note.** Check the fixation wires in the terminals, matching polarity and lack of circuit of wires between themselves and with metal parts of equipment. To connect the speakers to the DVD/CD-players should be used a stereo signal cable 2RCA to 2RCA or mini-jack to 2RCA (not included).

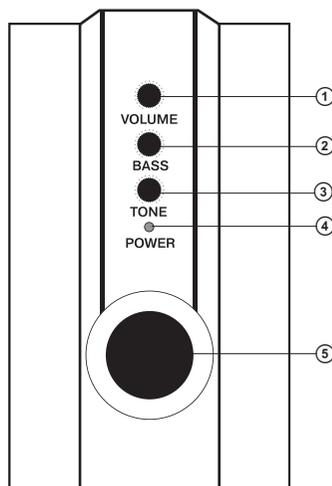


Fig. 1. Front control panel

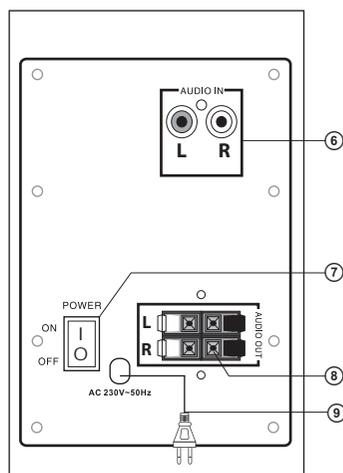


Fig. 2. Rear panel

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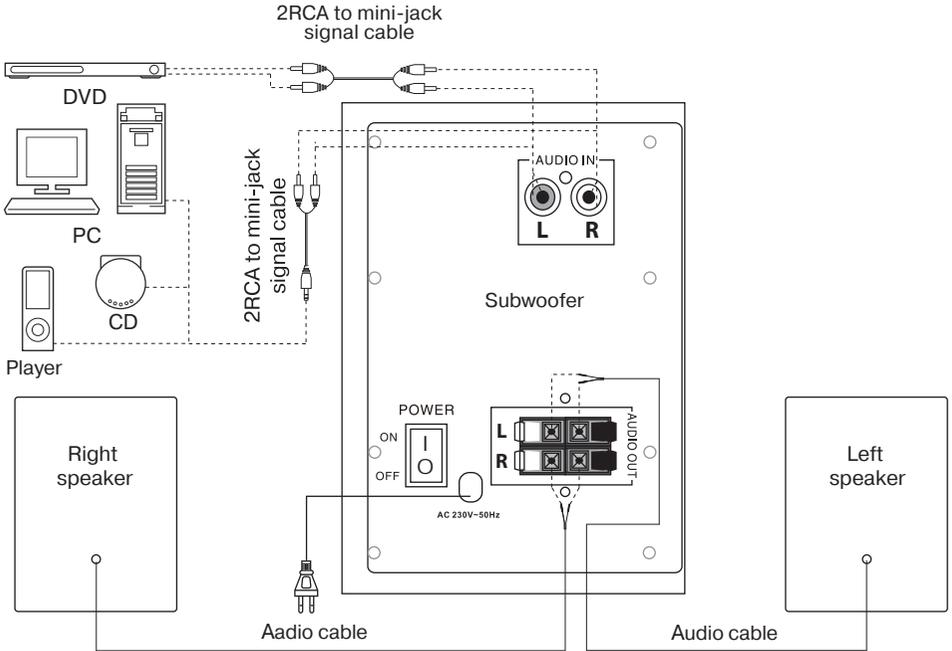


Fig. 3. Connection diagram

- Plug the power cord ⑨ on the rear panel of the subwoofer into an outlet.
- Set the master volume to minimum, turn VOLUME ① counter-clockwise until it stops.
- Turn the power switch POWER ⑦ into position ON on the rear panel of the subwoofer. Power LED ④ will illuminate.
- Turn on your audio source.
- To adjust the master volume, turn VOLUME ①. By turning the knob clockwise volume level increases, while by turning counter-clockwise it is reduced.
- To adjust the bass level, turn BASS ②. By turning the knob clockwise the bass level increases, while by turning counter-clockwise it is reduced.
- Adjust the timbre knob TONE ③.

**Notes:**

- **If you are a long time do not use MSS, make sure the device is turned off, chit POWER switch and unplug the power cord.**
- **Use the soundcard Line&Out port to improve sound quality.**

**6. TROUBLESHOOTING**

| <b>Problem</b>                                 | <b>Cause</b>   | <b>Solution</b>                            |
|--|--|--|
| The MSS does not turn on.                      | The MSS isn't connected to mains outlet.                   | Check the connection.                      |
|  | The power switch is off.                                   | Turn on the switch.                        |
| No sound.                                      | Volume level is set at its minimum value.                  | Adjust the volume control knob.            |
|  | The audio source is mproperly connected.                   | Connect audio sources correctly.           |
| There is too quiet sound of speakers.          | Volume level is set at its minimum value.                  | Adjust the volume control knob.            |
| Distortion of sound.                           | Large amplitude of the input signal.                       | Turn down the source volume and MSS volume |
| Sound is produced by one of the channels only. | The speakers are improperly connected to the audio source. | Check the connection of the speakers.      |

If none of the above mentioned solutions removes the problem, please consult a qualified specialist at 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:<br>subwoofer<br>satellites                    | 38 (18 + 2 × 10)<br>18<br>2 × 10   |
| Frequency range, Hz:<br>subwoofer<br>satellites                      | 20 – 300<br>100 – 20,000           |
| Speaker diameter, mm:<br>subwoofer<br>satellites                     | Ø 100<br>Ø 75                      |
| Power supply, V / Hz   | ~220/50                            |
| Dimensions (W × H × D), mm:<br>subwoofer<br>satellites (one speaker) | 150 × 260 × 270<br>110 × 185 × 120 |
| Weight, kg   | 6,0                                |

**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.**

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**Модель: SPS-820**

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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.  
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Джу Чиат Роуд, № 02-02, Сингапур, 427447.  
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