

SVEN®

2.1 Multimedia Speaker
System

OPERATION MANUA



MS-2070

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.
- Shipping and transportation equipment is permitted only in the original container.
- Does not require special conditions for realization.
- Dispose of in accordance with regulations for the disposal of household and computer equipment.

Technical support is on www.sven.fi.

2. PACKAGE CONTENTS

- Subwoofer – 1 pc
- Satellites – 2 pcs
- Remote control – 1 pc
- AAA type batteries – 2 pcs
- 2RCA to mini-jack signal cable – 1 pc
- Antenna wire – 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.
- 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-2070 2.1 Multimedia Speaker System (MSS) is designed to play music and sound games, movies, etc. The MSS has a built-in power amplifier and audio cables allowing to connect it to virtually any audio source (CD/DVD-player, TV, PC, etc.) without using an additional power amplifier. The MSS has a built-in FM radio, Bluetooth-module and audio player. Remote control is included.

Special features

- Wireless signal transmission via Bluetooth
- Dynamic switchable backlight
- Built-in audio files player from USB-flash and SD card storage devices
- Built-in FM radio
- LED display
- Remote Control
- Wooden (MDF) cabinets of the subwoofer and satellites

Subwoofer control panels

- ① LED display
- ② MODE: input switch PC/AUX/FM/ /Player/Bluetooth (pressed short); ST-BY mode (pressed long)
- ③ ◀◀: Previous track (pressed short in the Player and Bluetooth mode); previous station* (pressed short in the Tuner mode)
- ④ ▶▶, 📶: Next track (pressed short in the Player and Bluetooth mode); next station* (pressed short in the Tuner mode)
- ⑤ Volume control
- ⑥ ⏸: Play/Pause (pressed short in the Player and Bluetooth mode); start/stop auto scan (pressed short in the Tuner mode)
- ⑦ BASS: up/down bass level
- ⑧ LED1/LED2: backlight jacks
- ⑨ AUDIO INPUT /FM ANT: radio antenna input jack; audio input jacks
- ⑩ AUDIO OUTPUT: satellite output jacks
- ⑪ ON/OFF: power switch
- ⑫ Power cord
- ⑬ SD/MMC CARD: slot for SD/MMC cards** containing MP3 audio files
- ⑭ USB: slot for a USB flash device** containing MP3 audio files

* The feature is available if stations have been present in the memory.

** The storage device must be formatted as FAT, FAT32. Memory cards SDHC class 10 or less can be used. Connection of external hard disks other than USB flash drive is not recommended, otherwise it can cause the MSS damage.

Remote control (Fig. 4)

- ① STBY: power switch button (ST-BY Mode)
- ② MUTE: sound on/of
- ③ SAVE: memorize selected frequency (short pressing in Radio mode)
- ④ RESET: return to default settings
- ⑤ DEL: deleting a memorized station
- ⑥ AUX: AUX input selection button
- ⑦ FM/BT: FM/Bluetooth input selection button
- ⑧ USB: USB input selection button (Player mode)
- ⑨ SD: SD input selection button (Player mode)
- ⑩ RANDOM: repeat mode selection button (in the Player mode): play tracks in the random order
- ⑪ REPEAT: repeat mode selection button (in the Player mode):
 - ONE – repeats the current track;
 - ALL – plays all tracks in the sequential order

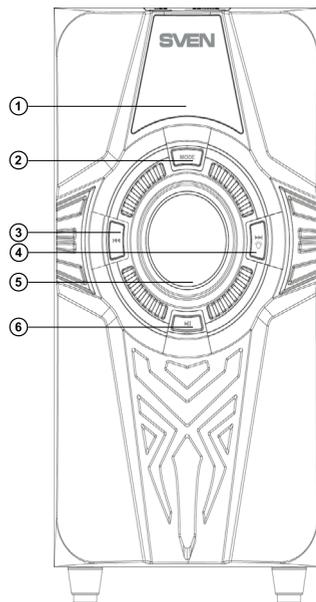


Fig. 1. Control panel

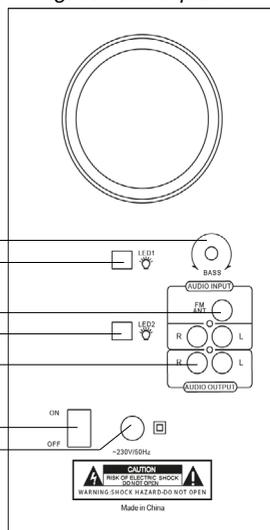


Fig. 2. Subwoofer rear panel

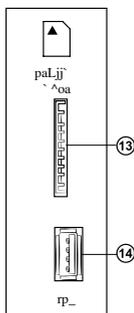


Fig. 3. Subwoofer top panel

Operation Manual

MS-2070

- ⑫ TUN +/-: manual band scanning (in the Radio mode)
- ⑬ VOL+/-: volume level control
- ⑭ ◀▶: Previous/Next track (in the Player and Bluetooth mode); previous/next station (in the Tuner mode); ON/OFF backlight (pressed long)
- ⑮ ⏮, AUTO: Play/Pause (in the Player and Bluetooth mode); start/stop auto scan (pressed long in the Tuner mode)
- ⑯ 0-9: numeric pad (select track number in the Player mode or track number FM Radio)

Battery Installation

- Open the battery compartment on the back of the remote control.
- Insert the included AAA batteries.
- Close the battery compartment.

Notes:

- Use the RC at an angle no more than 30° at a distance of no more than 7 meters.
- Direct the remote control at the LED display on the subwoofer.
- If the remote control does not work, check the batteries or replace the discharged batteries with new ones.
- Remove the batteries from the RC if you don't intend to use it for a long time.

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 supersensitive devices is possible.

Installation and operation

MS-2070 speaker system can be connected to virtually any audio devices: MP3 player, PCs, laptops, etc. (see connection diagram in Fig. 5).

- Before making any connections, make sure the MSS is off and unplugged. Connect the right speaker to the subwoofer AUDIO OUTPUT R with the built-in audio cable and the left speaker – to the AUDIO OUTPUT L.
- To use satellites backlight, connect the built-in cable of each satellite to the connectors LED1/LED2 ⑩.
- To connect the MSS to a PC, MP3 player, use a 2RCA to mini-jack signal cable (included). Insert the RCA jacks of the signal cable into the L and R jacks of the PC AUDIO INPUT ⑩, and the mini-jack of the signal cable – into the LINE OUT port of your PC sound card or an audio output of your MP3 player, as shown in Fig. 5.

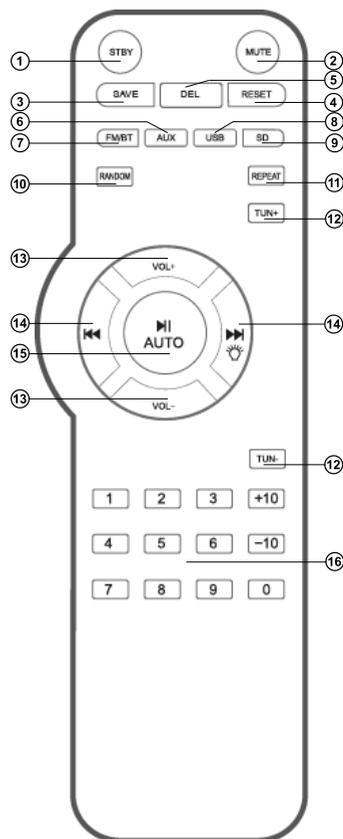


Fig. 4. Remote control

- Connect subwoofer to the mains outlet with the power cord ⑫.
- Turn on MSS power supply using the ON/OFF switch (⑩, ON) on the subwoofer rear panel.
- Turn on MSS with button ② on the front panel or button ① on the remote control.
- Select a signal source using the MODE ② button on the control panel or buttons ⑥, ⑦, ⑧, ⑨ on the remote control.
- Adjust master volume level with regulator ⑤ on the control panel or with VOL+/- ⑬ button on the remote control.
- Adjust subwoofer volume level using knob ⑦ on the subwoofer rear panel.
- To listen the radio, connect antenna to the FM ANT ⑨ jack (see Fig. 5) and adjust it for better reception.
- After using MSS, mind to switch it off using the ON/OFF switch (⑩, OFF position) and unplug the power cord ⑫ from the socket.

6. OPERATION MODES

Player Mode

- The system will automatically enter the Player mode when a USB device is connected to the USB port ⑬ or SD card* is inserted into the corresponding slot ⑭; or press the MODE ② button on the front panel or use buttons ⑧, ⑨ on the remote control. Display ① will show selected mode. Files will automatically start playing.
- To select the track, you can enter its number on the remote control using the numeric pad buttons ⑩ or select it using buttons ③ and ④ on the front panel.

* The MSS operation may be incorrect if an SD card of 512 Mb capacity or lower is used. If a USB flash device of 8 Gb capacity or more is used, command processing time may be extended.

Bluetooth mode

- In order to transmit signal in this mode it is necessary to connect device with a signal source (see Fig. 5). For this purpose select the Bluetooth mode using button MODE ② on the front panel of the subwoofer or button FM/BT ⑦ on the remote control. After 2-3 seconds the speaker system will enter the search mode, "BLU" indicator is shown on the display ①.
- It is necessary to select the search mode of devices with Bluetooth on a signal source (telephone, notebook, smartphone, etc.). «MS-2070», message will be displayed on the screen which it should be connected with*.
- The BLU indicator lights continuously when connection is successful. If there is no any connection, the lighting of the BLU indicator is intermittent. In this case the system should be switch over to the search mode once again (to turn off and turn on anew)**.
- It is possible to control the player of a signal source from the remote control or using the button on the front panel of the subwoofer when connecting to a signal source.

* You might have to enter "0000" code to connect some models of devices via Bluetooth.

** If an item has been already registered in the device list of a source, then the second search mode activation is not obligatory. Choose only the item name and the "connect" command on the source.

Tuner Mode

- To switch to the Tuner mode, use the MODE ② button on the front panel or button FM/BT ⑦ on the remote control.

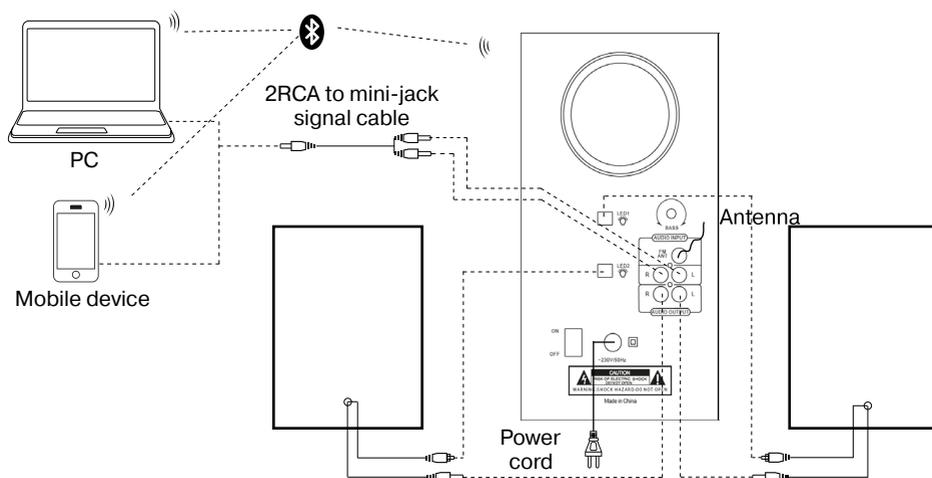


Fig. 5. Audio sources connection diagram

- To auto scan and memorize the found stations, press button ⑥ on the front panel or the AUTO ⑰ button on the remote control long. To stop auto scanning, press this button again before the scanning is over. The display ① will show the frequency being scanned. When the channel is being memorized, the display shows its number for a short moment.
- For manual scanning, use buttons TUN +/- ⑫ on the remote control (up/down the frequency range). To save the selected station, press SAVE ③ button on the remote control and then buttons ⑭ on the remote control, assign the station its number and press SAVE button again.
- If preset stations are available in the memory, you can switch from one to another by short pressing buttons ③, ④ on the front panel or buttons ⑭ on the remote control. You can also enter the frequency or the number of the preset station with the remote control numeric pad buttons ⑯. The display ① will show the station number for a short moment and then its frequency. The radio will tune to the set frequency within 2-3 seconds.

AUX Mode

- To switch to the AUX mode, press the MODE ② button on the front panel or button ⑥ on the remote control, the MSS switched on. The display ① will show AUX.

ST-BY Mode

- To enter/exit this mode, press and hold button ② on the front panel or button ① on the RC.

MUTE Mode

- To enter the MUTE mode, press button ② on the remote control. To exit the MUTE mode, press button ② again.

Note. Due to the constant development of the software, the actual MSS operation may differ from that described in this Manual. The most recent version of the Manual is available at www.sven.fi.

7. TROUBLESHOOTING

Problem	Cause	Solution
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 or the sound is too quiet.	Volume level is set at minimum value.	Adjust the volume control knob.
	Improperly connected audio source.	Connect the audio sources correctly.
Distortion of sound.	Large amplitude of the input signal.	Turn down the source volume and the MSS volume.
The remote control is not working.	The batteries are discharged.	Replace the batteries with new ones.

If none of the above methods can solve the problem, please seek professional advice at your nearest service center. Never attempt to repair the product yourself.

8. TECHNICAL SPECIFICATIONS

Parameter, measurement unit	Value
Output power (RMS), W: subwoofer satellites	60 (30 + 2 × 15) 30 2 × 15
Frequency response, Hz: subwoofer satellites	45–150 150–20000
Speaker diameter, mm: subwoofer satellites	Ø 135 Ø 77
Power supply, V/Hz	~230/50
Dimensions, mm: subwoofer satellites (one speaker)	185 × 316 × 310 105 × 182 × 132
Weight, kg	5.3

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

SVEN®



Model: MS-2070

Импортер в России: ООО «РЕГАРД», 105082, РФ, г. Москва, ул. Фридриха Энгельса, д.75, стр. 5.

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 Джу Чиаг Роуд, № 02-02, Сингапур, 427447. Произведено под контролем «Свен Скандинавия Лимитед», 48310, Финляндия, Котка, Котolahdentie, 15. Сделано в Китае.

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