

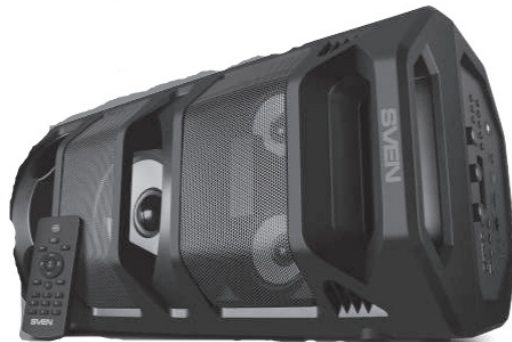


SVEN Portable Speaker System with Bluetooth and FM-radio User Manual

[Home](#) » [SVEN](#) » SVEN Portable Speaker System with Bluetooth and FM-radio User Manual 

SVEN®

Portable Speaker System
with Bluetooth and FM-radio
USER MANUAL



PS-670

PS-680

www.sven.fi

Congratulations on your purchase of the SVEN speaker system!
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NOTICE OF RESPONSIBILITY RESTRICTION

Despite the exerted efforts to make this Manual more exact, some discrepancies may occur. The information in this Manual is given on «as is» terms. The author and the publisher do not bear any liability to a person or an organization for loss or damage which has arisen from the information contained in this Manual.

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.
- 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.

APPLICATION

SVEN PS-670, PS-680 portable speaker systems with Bluetooth and FM radio are designed for operation with PC, notebooks, and other mobile devices by means of data transfer via Bluetooth protocol. It can be also used in internet telephony, during video conferences, in multimedia applications, in interactive games, for speech recognition, and foreign language teaching. Microphone input with echo function, FM-tuner, and the player with USB flash and micro SDcards are included.

PACKAGE CONTENTS





- Speaker system — 1 pc
- 3.5 mm mini-jack to 3.5 mm mini-jack signal cable — 1 pc
- USB to Type-C power cable — 1 pc
- Remote control (RC) – 1 pc
- RC batteries (AAA type) – 2 pcs
- User Manual — 1 pc
- Warranty card — 1 pc

SPECIAL FEATURES

- Bluetooth wireless signal transmission
- Effective multi-colored lighting
- Wireless connection of two speakers to one source
- Wired/wireless audio signal transmission
- Built-in audio files player from USB-flash and microSD card storage devices
- Built-in equalizer
- Microphone input with echo function
- Built-in FM tuner

- LED display
- Remote control

Speaker system description (Fig. 1.)

1. MIC: 6.3 mm jack microphone jack
2. AUX: 3.5 mm mini-jack for audio signal connecting (phone, MP3 player, etc.)
3. TF CARD: micro SD card slot
4. Display
5. USB: USB-flash card slot
6. ON/OFF: POWER button
7. DC 5V: micro USB jack for charger connecting, the USB port of laptop/PC
8. Indicator
9. 0-9: track number selection (in Player mode);
Station number/frequency selection (in Radio mode)
10. MODE: switching modes button: Bluetooth/Radio/Player/LINE IN (short press);
ON/OFF the service signals (long press)
11. LIGHT: switching backlight modes (short press);
Turn off the backlight (long press)
12. DEL/TWS: FM station deletion (long press in Radio mode);
Connecting an additional speaker (Bluetooth mode only)
13. EQ: EQ mode switch button (short press); Reset (long press)
14. FM+/  : next track (short pressing in Player and Bluetooth mode);
Navigation on the track (long pressing in Player mode);
Next track/station (in Radio mode)
15. AUTO SCAN/  : Play/Pause button (in Player and Bluetooth mode);
Start/Stop auto scan (long pressing in Radio mode);
Mute (short pressing in Radio mode)
16. FM-/  : next track (short pressing in Player and Bluetooth mode);
Navigation on the track (long pressing in Player mode);
Next track/station (in Radio mode)
17. CH/  : button for switching between stations or frequency (in Radio mode);
Save radio frequency (long pressing in Player mode (FR));
Disconnecting from the sound source (long pressing in Bluetooth mode);
Repeat mode selection button (in the Player mode):
ONE – repeats the current track;
RAND – play tracks in random order;
ALL – plays all tracks in the sequential order
18. MIC VOL +/-: microphone volume control knob
19. MIC VOL +/-: microphone volume control knob
20. ECHO +/-: microphone echo adjustment knob
21. VOLUME +/-: volume control knob

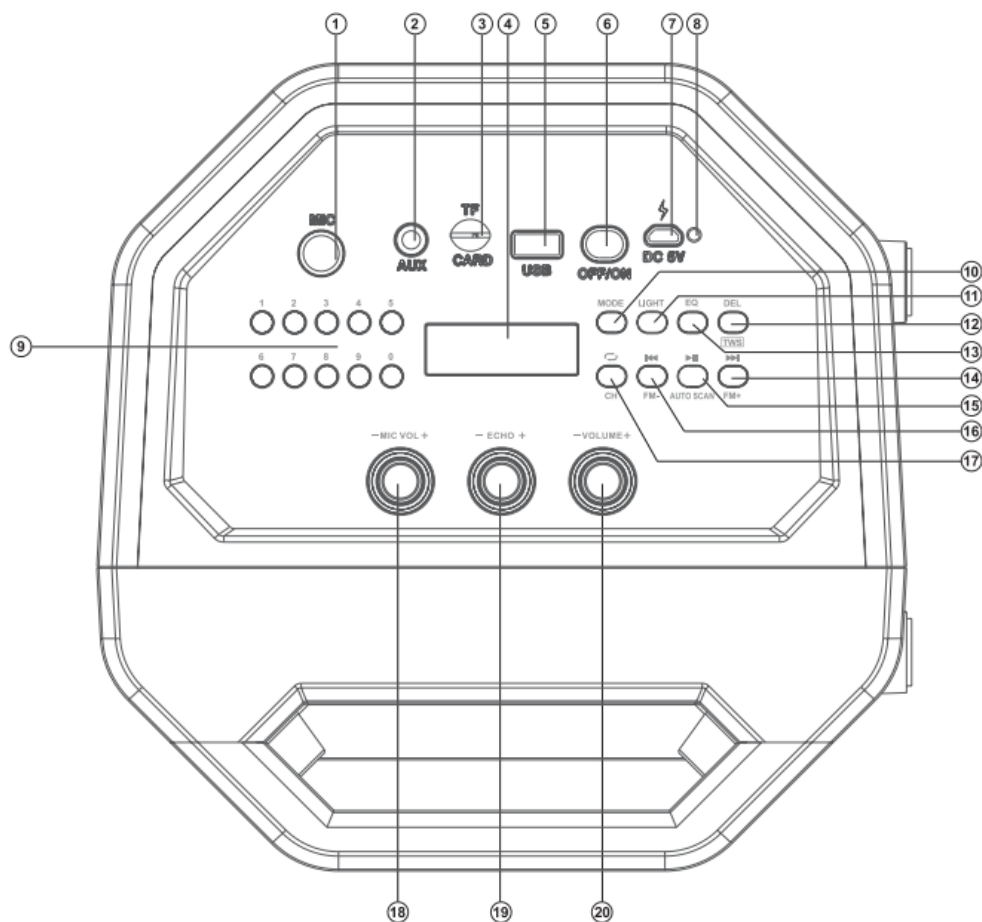


Fig. 1.

Remote control

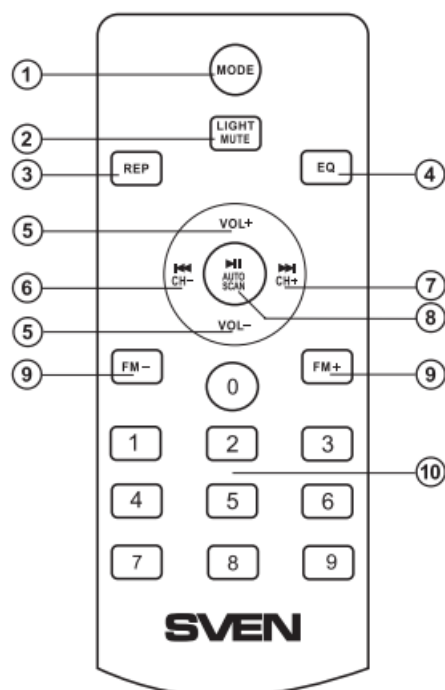





Fig. 2.

1. MODE: switching modes button: Bluetooth/Radio/Player/LINE IN (short pressing);
ON/OFF the service signals (long pressing)
2. LIGHT (MUTE): switching backlight modes (short pressing);
Mute (long pressing)

3. REP: disconnect from the device (long-pressing Bluetooth mode);
repeat mode selection button (in Player mode)
Save frequency in Radio (FR) mode)
4. EQ: EQ mode switch button
5. VOL-/+: volume up/down
6.  CH-: previous track (in Player and Bluetooth mode);
Rewind track in Player mode (long pressing);
Previous station (in Radio mode)
7.  CH+: next track (in Player and Bluetooth mode);
Rewind track in Player mode (long pressing);
Next station (in Radio mode)
8.  AUTO SCAN: Play/Pause button (in Player and Bluetooth mode);
Start/Stop auto scan (long pressing in Radio mode);
Mute (short pressing in Radio and LINE IN mode)
9. FM-/+: frequency changea (in Radio mode)
10. 0-9: numeric pad for entering track number (in Player mode) or number track/station in Radio mode

Contents

[1 CONNECTION AND OPERATION](#)

[2 OPERATION MODES](#)

[3 TECHNICAL SPECIFICATIONS](#)

[4 Documents / Resources](#)

[5 Related Posts](#)

CONNECTION AND OPERATION

Attention! The built-in battery must be charged completely prior to the application.

Speaker system battery charging

- Connect speaker system to a USB port of PC or USB charger using USB type C to USB cable (included).
During battery charging the indicator, is red. Indicator h goes out when the battery is charged.
The battery is used in the speaker system as an integral part of the device, therefore do not try to extract or replace it, because this can result in warranty cancellation or device damage.

OPERATION MODES

Bluetooth mode

- Wireless data transfer via the Bluetooth protocol enables the connected speaker system to compatible devices.
The maximum radius of action of data transfer is 10 m. Such obstacles as walls or other electronic devices can interfere with signal transfer.
- Turn on the speaker system Bluetooth mode – press button MODE j several times until display shows «bt»

inscription.

- It is necessary to select the search mode of devices with Bluetooth on a signal source (telephone, notebook, smartphone, etc.). «SVEN PS-670/680» message will be displayed on the screen which is to be connected to*.
- When the connection is successful, there will be a short beep and the indication of the search mode on the speaker system is over**.

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

** If the item has been already registered in the device list of a source, then the second search mode activation is not obligatory. Choose the item name «SVEN PS-670/680» and the «connect» command on the source.

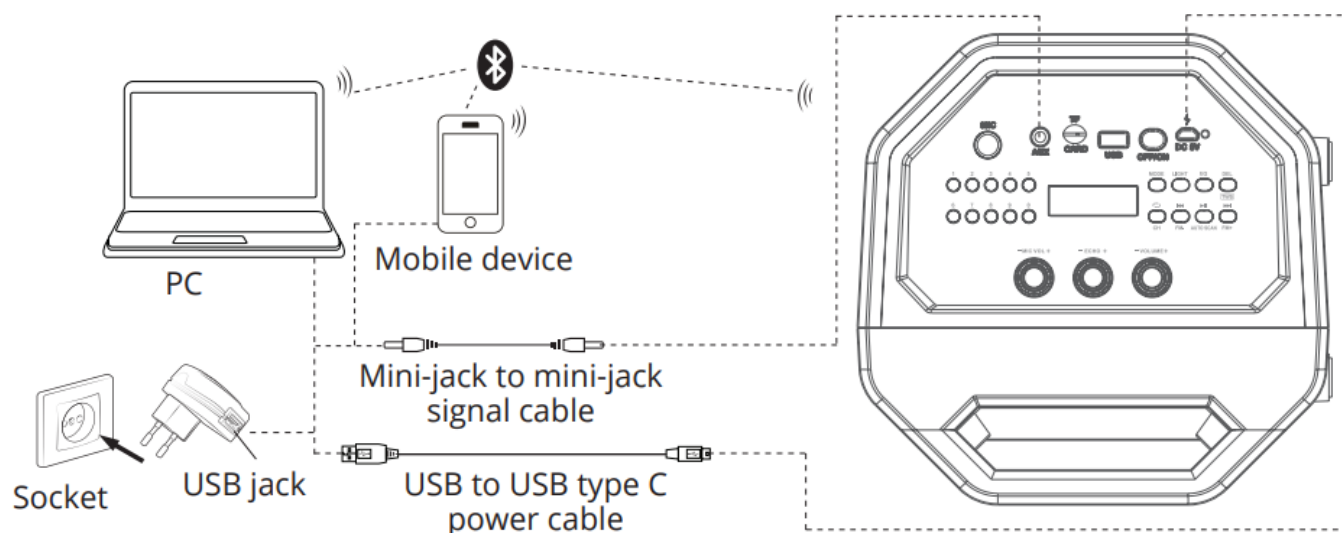


Fig. 3. Connection diagram

Radio mode

- Turn on the speaker system – press button MODE j several times until the display shows the station frequency. The long-term pressing button o activates auto-search mode. After scanning completion, the first scanned radio station will start to operate automatically. With buttons, p and n select the desired radio station.

Player mode

Attention! The file system of a micro SD carrier is FAT32. The maximum volume is 32 GB. It is not recommended to use the micro SD Ultra Speed.

- The system will enter the Player mode automatically when a carrier (USB flash or SD card) is connected to corresponding ports. Use button o to switch between Play / Pause modes. You can control tracks by using buttons p (previous track) and n (next track).

The use in the wired mode

- The Speaker system can be used as an external device for amplifying any audio source with a 3.5 mm output mini-jack. Connect a cable mini USB, plug 3.5 mini-jack to the audio input AUX b. Turn the speakers to the LINE mode – press the MODE button j several times until «LINE» appears on the display.

Reset

- To reset the timbres and memorized radio stations: long press EQ m on display will appear «—».

Connecting an additional speaker

For models PS-670/680 you can connect an additional speaker (Bluetooth mode only):

- Turn both speakers into Bluetooth mode;
- Connect the signal source to one of the speakers via Bluetooth (the second column should be in search mode);
- On the second (not connected) speaker, press and hold button TWS **I2**. On display d the inscription starts flashing TWS;
- If two speakers are successfully connected between themselves, the inscription TWS will glow constantly.

TECHNICAL SPECIFICATIONS

Parameter, the measurement unit	Value PS-670/PS-680
Frequency response, Hz	45-22 000
Output power (RMS), W	65 (2 x 32.5)
Speaker diameter, mm	0 70 + 0 140
Battery capacity, mA*h	4 400 (2 pcs)
Power supply, V	USB/ = 5V
Weight, g	4 150/4 350
Dimensions, mm	470 x 240 x 240

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.**

Models: PS-670, PS-680



Manufacturer: SVEN PTE. LTD, 176 Joo Chiat Road, N0 02-02, Singapore, 427447.

Produced under the control of Oy Sven Scandinavia Ltd. 15, Kotolahdentie, Kotka, Finland, 48310. Made in China.



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Documents / Resources

 <p>SVEN® Portable Speaker System with Bluetooth and FM radio</p> <p>USER MANUAL</p> <p>PS-670 PS-680</p> <p>www.sven.it</p>	<p>SVEN Portable Speaker System with Bluetooth and FM-radio [pdf] User Manual Portable Speaker System, Bluetooth and FM-radio, SVEN, PS-670, PS-680</p>
 <p>SVEN® Portable Speaker System with Bluetooth and FM radio</p> <p>INSTRUCTION MANUAL</p> <p>PS-192 PS-195</p> <p>www.sven.it</p>	<p>SVEN Portable Speaker System with Bluetooth and FM-radio [pdf] Instruction Manual SVEN, pS-192, pS-195, Portable, Speaker, System, with, Bluetooth, and, FM-radio</p>