

SVEN®

**Portable Speaker System
with Bluetooth and FM-radio**

OPERATION MANUAL



**PS-600
PS-650**

www.sven.fi



Portable Speaker System with Bluetooth and FM-radio

Congratulations on your purchase of the SVEN speaker system!

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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.
- 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-600, PS-650 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 SD-cards 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 micro USB power cable – 1 pc
- User's Manual – 1 pc
- Warranty card – 1 pc

SPECIAL FEATURES

- Bluetooth wireless signal transmission
- Effective multi-colored lighting
- Track switching control possibility
- Wired/wireless audio signal transmission
- Built-in player for audio files from USB-flash and micro SD card
- Built-in equalizer
- Microphone input with echo function
- Built-in FM tuner
- LED display

Technical support is on www.sven.fi.

User's Manual

PS-600 PS-650

Speaker system description

- 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
- 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); repeat mode selection button (in the Player mode):
ONE – repeats the current track;
RAND – play tracks in the random order;
ALL – plays all tracks in the sequential order
- ⑱ MIC VOL +/-: microphone volume control knob
- ⑲ ECHO +/-: microphone echo adjustment knob
- ⑳ VOLUME +/-: volume control knob

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 micro USB to USB cable (included). During battery charging the indicator ⑧ is red.

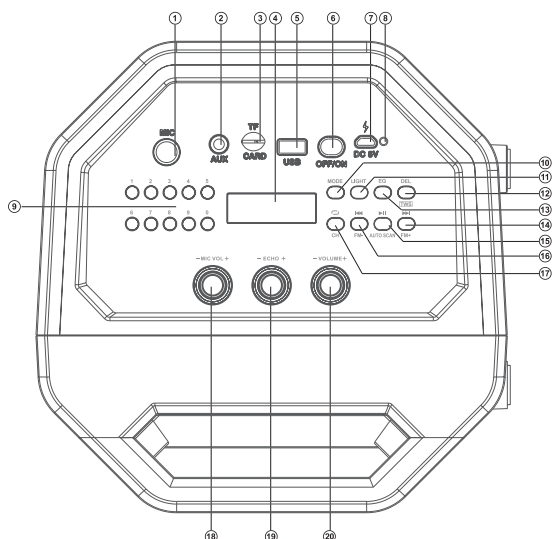


Fig. 1.

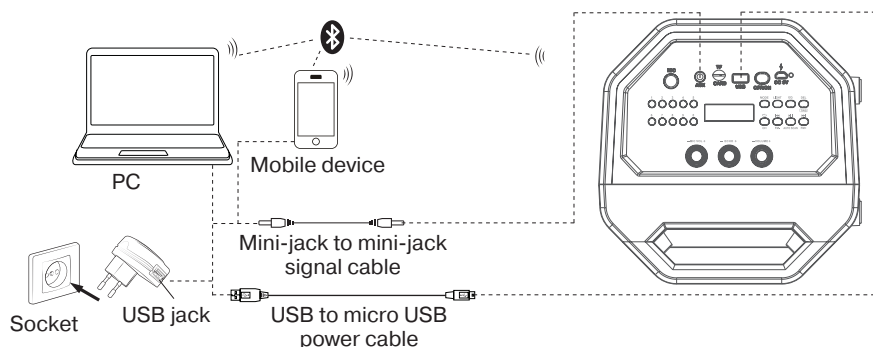


Fig. 2. Connection diagram

Indicator ⑨ 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 the warranty cancellation or the device damage.

OPERATION MODES

Bluetooth mode

- Wireless data transfer via the Bluetooth protocol enables to connect speaker system to compatible devices. Maximum radius of action of data transfer is 10 m. Such obstacles as walls or other electronic devices can interfere with the signal transfer.
- Turn on the speaker system Bluetooth mode – press button MODE ⑩ 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-600/650», message will be displayed on the screen which is to be connected*.
- When connection is successful, there will be a short beep and the indication of the search mode on speaker system is over**.

* You might have to enter "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-600/650» and the "connect" command on the source.

Radio mode

- To improve the reception quality of the radio signal, connect the 3.5 mm mini-jack cable (included) to the AUX input ② or a microUSB-USB cable (included) to the DC 5V ⑦ input.
- Turn on the speaker system – press button MODE ⑩ several times until the display shows the station frequency. Long-term pressing button ⑮ activates auto search mode. After scanning completion, the first scanned radio station will start to operate automatically. With buttons ⑯ and ⑭ select a desired radio station.

User's Manual

PS-600
PS-650**Player mode**

Attention! The file system of a micro SD carrier is FAT32. 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 ⑮ to switch between Play / Pause modes. You can control tracks by using buttons ⑩ (previous track) and ⑭ (next track).

The use in the wired mode

- 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 ②. Turn the speakers to the LINE mode – press the MODE button ⑩ several times until «LINE» appears on the display.

Reset

To reset the timbres and memorized radio stations: long press EQ ⑬, on display ④ will appear "RES", then press the button ⑮ (PLAY/PAUSE).

Connecting an additional speaker

For models PS-600/PS-650 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 both speakers, press and hold button TWS ⑫. On display ④ the inscription starts flashing TWS.
- If two speakers are successfully connected between themselves, the inscription TWS will glow constantly.

TECHNICAL SPECIFICATIONS

Parameter, measurement unit	Value PS-600	Value PS-650
Frequency response, Hz	45 – 22 000	45 – 22 000
Output power (RMS), W	50 (2 × 25)	50 (2 × 25)
Speaker diameter, mm	Ø 35 + Ø 110	Ø 35 + Ø 110
Bluetooth supported profiles	HSP, HFP, A2DP, AVRCP	HSP, HFP, A2DP, AVRCP
Radius of operation, m	until 10	until 10
Battery capacity, mA*h	4 000 (2 pcs)	4 000 (2 pcs)
Power supply, V	USB/DC 5V	USB/DC 5V
Weight, kg	3 800	3 850
Dimensions, mm	470 × 240 × 240	470 × 240 × 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.**

Portable Speaker System with Bluetooth and FM-radio

SVEN®



Models: **PS-600, PS-650**

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Уполномоченная организация в России: ООО «РТ-Ф»,
105082, г. Москва, ул. Фридриха Энгельса, д. 56, стр. 1
Условия гарантийного обслуживания смотрите в га-
рантийном талоне или на сайте **www.sven.fi**.

Гарантийный срок: 12 мес.

Срок службы: 2 года
Производитель: «СВЕН ПТЕ.
Лимитед», 176 Джу Чиаг Роуд, № 02-02, Сингапур,
427447. Произведено под контролем «Свен Сканди-
навия Лимитед», 48310, Финляндия, Котка, Котлах-
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Manufacturer: SVEN PTE. LTD, 176 Joo Chiat Road, № 02-
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PS-600 PS-650