

# SVEN<sup>®</sup>

Portable Speaker System with  
Bluetooth and FM-radio

## USER MANUAL



# PS-520 PS-580

[www.sven.fi](http://www.sven.fi)

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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-520, PS-580 portable multimedia speaker system with Bluetooth and FM-radio is 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
- 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 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

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\*only for models with production date from 04.2021

**Speaker system description**

- ① MIC: 6.3 mm jack microphone jack
- ② MIC VOL +/-: microphone volume control knob
- ③ ECHO +/-: microphone echo adjustment knob
- ④ VOLUME +/-: volume control knob
- ⑤ AUX: 3.5 mm mini-jack for audio signal connecting (phone, MP3 player, etc.)
- ⑥ USB: USB-flash card slot
- ⑦ TF CARD: micro SD card slot
- ⑧ ON/OFF: POWER button
- ⑨ Indicator
- ⑩ DC 5V: micro USB jack for charger connecting, the USB port of laptop/PC
- ⑪ Display
- ⑫ IR receiver
- ⑬ MODE: switching modes button: Bluetooth/Radio/Player/LINE IN (short pressing); ON/OFF the service signals (long pressing)
- ⑭ LIGHT: switching backlight modes (short pressing); Turning on/off the backlight (long pressing)
- ⑮ DEL(TWS): FM station deletion (long pressing in Radio mode); Connecting an additional speaker (long pressing in Bluetooth mode)
- ⑯ EQ: EQ mode switch button (short pressing); Return to default settings (long pressing)

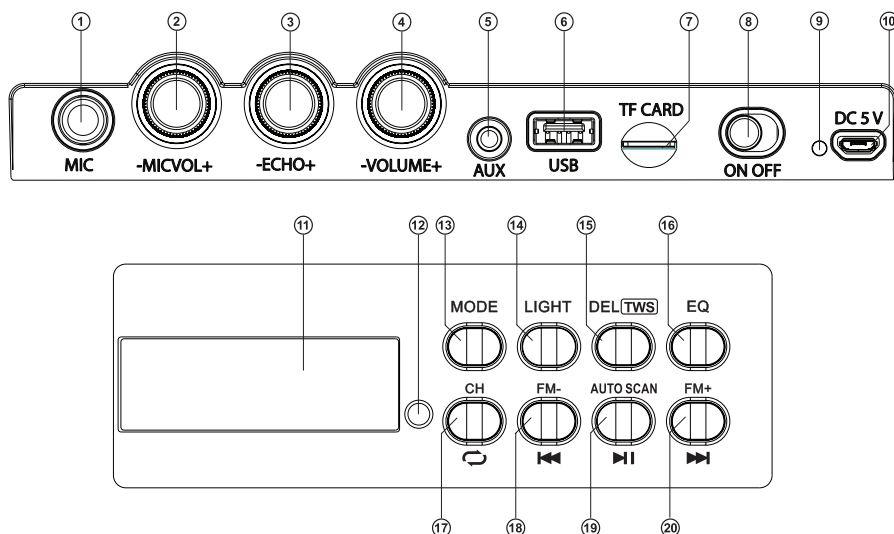


Fig.1.

- 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 FM-/ : previous track (short pressing in Player and Bluetooth mode); Navigation on the track (long pressing in Player mode); Previous track/station (in Radio mode)
- ⑲ 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)
- ⑳ 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)

### Remote control

- 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)
- ④ EQ: EQ mode switch button
- ⑤ VOL+/: volume up/down
- ⑥ CH-: previous track (in Player and Bluetooth mode) Previous station (in Radio mode)
- ⑦ CH+: next track (in Player and Bluetooth mode) 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

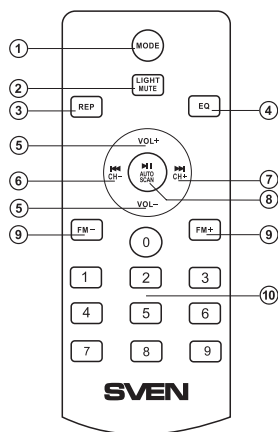


Fig. 2.

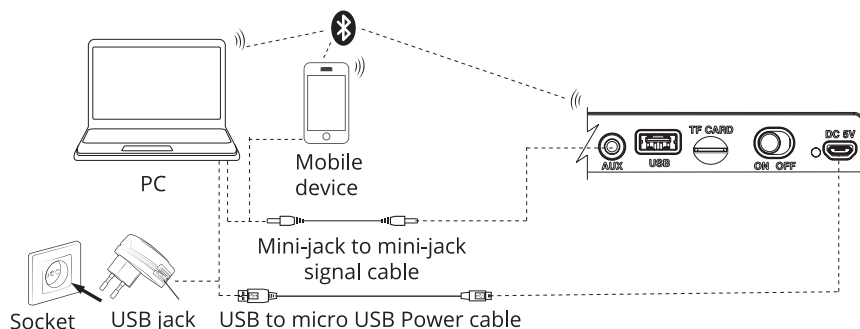


Fig. 3. Connection diagram

## 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 ⑨ is red. 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 ⑬ 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-520/580», message will be displayed on the screen which is to be connected to\*.
- 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-520/580» and the «connect» command on the source.

**Radio mode**

**Attention! To improve the reception quality of the radio signal, connect the 3.5 mm mini-jack cable (included) to the AUX IN input ⑮.**

- Turn on the speaker system – press button MODE ⑬ several times until the display shows the station frequency. Long-term pressing button ⑰ activates auto search mode. After scanning completion, the first scanned radio station will start to operate automatically. With buttons ⑱ and ⑳ select a desired radio station.

**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 ⑰ to switch between Play/Pause modes. You can control tracks by using buttons ⑱ (previous track) and ⑳ (next track).

**The use in the wired mode (LINE IN)**

- 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 ⑮. Turn the speakers to the LINE IN mode – press the MODE button ⑬ several times until «LINE» appears on the display.

**Connecting an additional speaker  
(only for models with production date from 04.2021)**

For models PS-520/PS-580 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 another speaker press and hold button DEL(TWS).
- If two speakers are successfully connected between themselves, the inscription TWS will glow constantly.

**Reset**

To reset the settings, long press the EQ button until «RES» appears. Then press button ㄱ ⑧ on the RC or button ⑰ on the front panel. Settings will reset.

**TECHNICAL SPECIFICATIONS**

Parameter, measurement unit	Value
Frequency response, Hz	80 – 22 000
Output power (RMS), W	36 (2 × 18 )
Speaker diameter, mm	Ø 35 + Ø 100
Battery capacity, mA*h	2 000 (2 pcs)
Power supply	USB/DC 5V
Weight, g	2 850
Dimensions, mm	460 × 243 × 175

**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.*

*Technical support is on [www.sven.fi](http://www.sven.fi).*

## Portable Speaker System with Bluetooth and FM-radio

# SVEN®

Models: **PS-520, PS-580**

Importer: Tiralana OY, Office 102, Kotolahden- tie 15, 48310  
Kotka, Finland.

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

Уполномоченная организация в России: ООО «РТ-Ф»,  
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Условия гарантийного обслуживания смотрите в  
гарантийном талоне или на сайте [www.sven.fi](http://www.sven.fi).

Гарантийный срок: 12 мес.

Срок службы: 2 года

Производитель: «СВЕН ПТЕ. Лимитед», 176 Джу  
Чиат Роуд, № 02-02, Сингапур, 427447. Произведено  
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48310. Made in China.

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