

SVEN®

Portable Speaker System
with Bluetooth and FM-radio

USER'S MANUAL



PS-220

www.sven.fi

Congratulations on your purchase of the SVEN speaker system!

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UNPACKING

- 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-220 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. They can be also used in internet telephony, during video conferences, in multimedia applications, in interactive games. FM-tuner and the player with USB-flash и microSD-cards are included.

PACKAGE CONTENTS

- Speaker system – 1 pc
- Power cable USB to micro USB – 1 pc
- Mini-jack to mini-jack signal cable – 1 pc
- User's Manual – 1 pc
- Warranty card – 1 pc

SPECIAL FEATURES

- Bluetooth wireless signal transmission
- Built-in player for audio files from USB-flash and microSD card
- Built-in FM tuner
- Wired connection
- Waterproof (IPx5)

Speaker system description

- ① Switching modes button: Bluetooth/Radio / Player/ AUX (short pressing);
POWER button (long pressing)
- ② Play/Pause button (in Player and Bluetooth mode);
Start/Stop auto scan (long pressing in Radio mode);
Mute (short pressing in Radio mode);
Answer an incoming call. Press again to reset the incoming call
- ③ Volume level down button (long pressing);
Previous track (in Player and Bluetooth mode);
Previous station (in Radio mode)
- ④ Volume level up button (long pressing);
Next track (in Player, AUX and Bluetooth mode);
Next station (in Radio mode)
- ⑤ USB jack for USB flash connection
- ⑥ MicroUSB jack for connecting speakers to the charger, the USB port of laptop / PC
- ⑦ Signal source wired connection jack
- ⑧ MicroSD card slot
- ⑨ Operation mode indicator

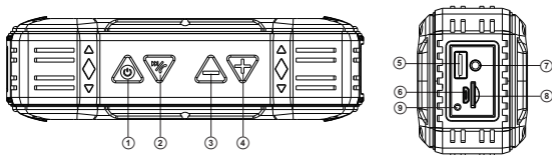


Fig. 1. Speaker system description

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 microUSB to USB cable (included). During battery charging the indicator is red. Indicator lights green 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 speakers in Bluetooth mode.
- It is necessary to select the search mode of devices with Bluetooth on a signal source (telephone, notebook, smartphone, etc.). «SVEN PS-220» 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**.

Radio mode

To improve the reception quality of the radio signal, connect the cable microUSB – USB (included) to the input microUSB or the mini-jack to the mini-jack signal cable (included) into the input AUX.

- Turn on the speaker system – press button ① several times until speaker system does not go to radio mode. Long press of a button ② activates auto search mode. After scanning completion, the first scanned radio station will start to operate automatically. With buttons ③ and ④ select a desired radio station.

* 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-220» and the “connect” command on the source.

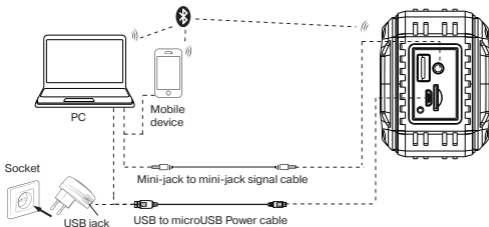


Fig. 2. Connection diagram

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 micro SD is connected to corresponding ports. Use button ② to switch between Play / Pause modes. You can control tracks by using buttons ③ (previous track) and ④ (next track).

The use in the wired mode (AUX)

- To connect the speakers to an additional signal source use a AUX connector and 3.5 mm mini-jack signal cable (not included).
- To turn on the speakers into the AUX mode – press the button ① several times until the speaker switches to the AUX mode.

TECHNICAL SPECIFICATIONS

Parameter, measurement unit	Value
Frequency range, Hz	speaker: 100 – 22,000; microphone: 50 – 16,000
Output power (RMS), W:	10 (2×5)
Membrane, mm	Ø 45
Radius of Bluetooth operation, m	up to 10
Battery capacity, mA / h	1200
Power supply, V	USB/DC5V
Weight, g	400
Dimensions, mm	186 × 75 × 55

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.

Portable Speaker System with Bluetooth and FM-radio

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Model: PS-220

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Условия гарантийного обслуживания смотрите
в гарантийном талоне или на сайте www.sven.fi.

Гарантийный срок: 12 мес.

Срок службы: 2 года.

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PS-220