

SVEN[®]
YOU WANT – WE CAN

Wireless Stereo Headphones
with Microphone

User's Manual



AP-B550MV

www.sven.fi

Congratulations on your purchase of the SVEN stereo headphones!

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APPLICATION

SVEN AP-B550MV wireless stereo headphones with microphone are 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, for speech recognition and foreign language teaching.

PACKAGE CONTENTS

- Stereo headphones – 1 pc
- Detachable audio cable with microphone – 1 pc
- USB power cord to micro USB – 1 pc
- User's Manual – 1 pc
- Warranty card – 1 pc

SAFETY PRECAUTIONS

- Don't use the stereo headphones while driving.
- Don't use the stereo headphones at high volume for a long time (more than 15 minutes), as this may cause hearing impairment.

SPECIAL FEATURES

- 4.1 Bluetooth wireless signal transmission
- Track switching control possibility
- Call acceptance function
- Wired/wireless audio signal transmission
- Battery operation time up to 18 hours
- Radius of operation up to 10 m



Fig. 1. Headphones design

DESCRIPTION (Fig. 1)

- ① Headphones ON/OFF button (long press, ~ 2 seconds); activation and deactivation of decorative lighting (short press, when the headset is on)
- ② Call control button; Play/Pause
- ③ Volume up button (short press); next track (long press, ~ 2 seconds)
- ④ Volume down button (short press); previous track (long press, ~ 2 seconds)
- ⑤ Micro USB jack for battery charging
- ⑥ Audio cable jack
- ⑦ LED indicator

CONNECTION AND OPERATION

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

Headset charging

- Connect the headphones to a USB port of PC or USB charger using USB/micro USB cable (included). During battery charging the indicator ⑦ is red.
- When the device is charged in full, the indicator ⑦ goes out.
- There is a short periodic double beep signal when the battery charge level is low and the LED indicator ⑦ will be red alternately.
- The battery in the headphones is used 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.

Device switching on/off

- In order to turn on the headphones press and hold the button ① before you hear a beep signal. When the device is turned on, the LED indicator ⑦ will start blinking blue and red (search mode) or blinking blue (connecting mode). In order to turn off the device, press once more and hold the button ① before you hear a beep signal. When the device is turned off, the LED indicator ⑦ will blink red. By briefly pressing the button ① (when the headset is on) decorative lighting switches off and turns on.

Control buttons

When connected to a telephone:

- in order to receive an incoming call press the button ②; press the button ② once again to finish the call;
- in order to reset the call, press and hold the button ② (~2 seconds)*;
- when the button ②, is pressed shortly twice, the call function of the last number dialed* is switched on;
- when the button ② is pressed long, the headset is disconnected from the device and enters to the search mode.

* Depending on telephone/smartphone configuration.

Bluetooth technology

- Wireless data transfer via the Bluetooth protocol enables to connect wireless headphones 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.

Headset to a device interfacing

- It is necessary first to interconnect the device with a signal source (see the connection diagram in Fig. 2) to transfer signals via Bluetooth. To do this, turn on the headset, wait for starting the search mode – the LED indicator ⑦ will alternate blue light with red one.
- It is necessary to select the search mode of devices with Bluetooth on a signal source (telephone, notebook, smartphone, etc.). “SVEN AP-B550MV” message will be displayed on the screen, which is to be connected to*.
- If connection is successful, there will be a short beep signal in the headphones; the search mode indication on the headphones is over. If no devices is connected, headphones will turned off automatically in 2 minutes. If the device interfacing has, been failed, it is necessary to switch the system in the search mode once more (turn off and on)**.
- The indicator ⑦ on the headphones blinks blue short during the data exchange (listening music) with a device connected via Bluetooth.

* 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 only the item name “SVEN AP-B550MV” and the “connect” command on the source.

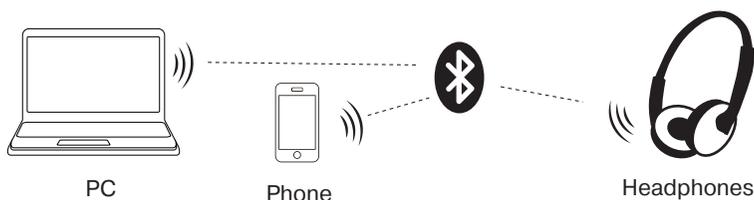


Fig. 2. Connection diagram

The use in the wired mode

- The device can be used as stereo headphones in the wired mode. In order to connect them to a sound source with the included cable via jack (Ⓜ). The cable must be connected, order to microphone is close to the headset, than to the sound source.

TECHNICAL SPECIFICATIONS

Parameter, measurement unit	Value
Sensitivity, dB	headphones: 106 microphone: -58 ± 3
Frequency range, Hz	headphones: 20 – 20 000 microphone: 30 – 16 000
Impedance, Ohm	32
Membrane, mm	Ø 40
Connection type	Bluetooth 4.1
Bluetooth supported profiles	HSP, HFP, A2DP, AVRCP
Radius of operation, m	up to 10
Operation time, h	up to 18
Connector type	Ø 3.5 mm (4 pin) plug
Cable length, m	1.2
Weight, g	225

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.

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Model: AP-B550MV

Импортер в России: ООО «РЕГАРД», 109052,
РФ, г. Москва, ул. Нижегородская, д. 86, корп. Б.
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.
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Производитель: «СВЕН ПТЕ. Лимитед»,
176 Джу Чиаат Роуд, № 02-02, Сингапур, 427447.
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Лимитед», 48310, Финляндия, Котка,
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Manufacturer: SVEN PTE. LTD, 176 Joo Chiat Road,
№ 02-02, Singapore, 427447. Produced under the
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Kotka, Finland, 48310. Made in China.

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