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Wireless Stereo Headphones with Microphone

USER'S MANUAL

AP–B470MV

www.sven.fi

User's Manual   AP–B470MV

Congratulations on your purchase of the SVEN stereo headphones!

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APPLICATION
SVEN AP-B470MV 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 – 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 period of time (more than 15 minutes), as this may cause hearing impairment.

SPECIAL FEATURES
• 2.1 Bluetooth wireless signal transmission
• Track switching control possibility
• Call acceptance function
• Wired/wireless audio signal transmission
• Built-in player for audio files from Micro SD card
• Built-in FM tuner
• Battery peration time up to 10 hours
• Radius of operation up to 10 m

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DESCRIPTION

① 🗂 : micro SD card slot
② ⊙*∫* : headphones on/off and call control button
③ Control joystick
④ MODE button
⑤ LED indicator
⑥ ⇌ : micro USB jack for battery charging
⑦ MIC: microphone
⑧ IN: audio cable jack

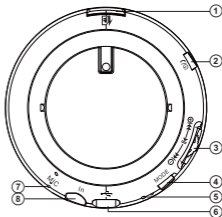## CONNECTION AND OPERATION

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

Fig. 1. Headphones description

Headset charging

• Connect the headset to a USB port of PC or USB charger using USB/micro USB cable (included). During battery charging the indicator ⑤ is red.

• When the device is charged in full, the indicator ⑤ lights up blue.

• There is a short periodic double beep signal when the battery charge level is low and the LED indicator ⑤ will be blue or red alternately.

• The battery is used in the headphones 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 turning on/off

• In order to turn on the headset, press and hold the button ② before you hear a beep signal. When the device is turned on, the LED indicator ⑤ will start blinking blue. In order to turn off the device, press once more and hold the button ② before you hear a beep signal. When the device is turned off, the LED indicator ⑤ will blink red.

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;

• 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 shortly 3 times, the call rejection function* is switched on*;
• long displacement of the joystick ③ (+/-) – change of the volume level;
• short displacement of the joystick ③ (⏮, ⏭) – switching between musical tracks of the media player of a connected device**, switching of musical files from micro SD memory cards, switching of radio stations in FM tuner mode;
• short press of the joystick ③ (▶/❙❙) Playback/Pause of the media player of a connected device**, track forward/track from the beginning, previous track**.

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* Depending on telephone/smartphone configuration.
** Depending on a program of the media player.

MODE button
When the MODE button ④ is pressed shortly, the headset switches sequentially to the following modes: Bluetooth; MP3 player; FM tuner; IN.

Bluetooth technology
• Wireless data transfer via the Bluetooth protocol enables to connect wireless headphones to compatible devises. 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, without releasing the button ② waigt for starting the search mode – the LED indicator ⑤ 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-B470MV" massage 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, the search mode will be turned off automatically in three minutes and the headphones will go to the standby mode. 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 ⑥ on the headphones blinks blue shortly during the data exchange with a device connected via Bluetooth.

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* 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 AP-B470MV" and the "connect" command on the source.

PC   Phone   Headphones

Fig. 2. Connection diagram

FM mode
• Select FM tuner mode by pressing shortly the button ④. After pressing the button (▶/❚❚) of the joystick, the tuner will enter the avtoscan mode, and the LED indicator ⑤ will blink blue. After scanning completion, the first scanned radio station will start to operate automatically. With joystick buttons (◄◄) and (►►) select a desired radio station.

MP3 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.
• Insert the micro SD carrier into appropriate slot. If the headset is in turned on position, the playback will start automatically. Playback/Pause modes are switched over with the help of the button (▶/❚❚) on the joystick. Tracks can be controlled by joystick buttons (◄◄) and (►►). Next track/previous track.

The use in the wired mode
• The device can be used as stereo headphones, if you connect them to a sound source with the included cable via jack ⑧. In this case it is not necessary to turn on/off them. However, in this mode control elements and the microphone on the cup will not be active.

User's Manual   **AP−B470MV**

TECHNICAL SPECIFICATIONS

Parameter, measurement unit	Value
Sensitivity, dB	headphones: 105 ± 3; microphone: -58 ± 2
Frequency range, Hz	headphones: 20 – 20,000; microphone: 30 – 16,000
Impedance, Ohm	16
Membrane, mm	Ø 40
Connection type	2.1 Bluetooth + EDR
Bluetooth supported profiles	HSP, HFP, A2DP, AVRCP
Radius of operation, m	up to10
Operation time, h	up to10
Connector type	Ø 3.5 mm (3 pin) plug
Cable lenght, m	1.2
Weight, g	190

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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Уполномоченная организация в России:
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Энгельса, д. 75, стр. 5.
Условия гарантийного обслуживания смотрите
в гарантийном талоне или на сайте **www.sven.fi**.
Гарантийный срок: 12 мес. Срок службы: 2 года.
Производитель: «СВЕН ПТЕ. Лимитед»,
176 Джу Чиат Роуд, № 02-02, Сингапур, 427447.
Произведено под контролем «Свен Скандинавия
Лимитед», 48310, Финляндия, Котка,
Котолахдентие, 15. Сделано в Китае.

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№ 02-02, Singapore, 427447. Produced under the
control of Oy Sven Scandinavia Ltd. 15, Kotolahdentie,
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