

SVEN[®]
YOU WANT – WE CAN

5.1 Active Home Theater
Speaker System

OPERATION MANUAL



HT-435D

www.sven.fi

Congratulations on your purchase of the Sven speaker system!

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1. 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.
- Check up the package contents and availability of the warranty card. Make sure the warranty card has a shop stamp, a legible signature or the seller’s stamp and purchase date, and the number of the wall mount corresponds to that in the warranty card. Remember: in case of warranty card loss or discrepancy of numbers you forfeit the right for warranty repairs.
- Do not switch on the speaker system immediately after you bring it into a room from environment with negative temperature! After unpacking, the speaker system should be kept in conditions of room temperature for at least 4 hours.
- Before installing and using the speaker system, read this Manual carefully and keep it for future reference.

Technical support is on www.sven.fi.

2. PACKAGE CONTENTS

- Subwoofer — 1 pc
- Satellites — 5 pcs
- Remote control (RC) — 1 pc
- RC batteries (AAA type) — 2 pcs
- Signal cables (2RCA to mini-jack) — 1 pc
- Adapter (mini-jack-2RCA) — 1 pc
- Coaxial cable — 1 pc
- Audio cables — 5 pcs
- Operation manual — 1 pc
- Warranty card — 1 pc

3. SAFETY PRECAUTIONS



Caution!

High voltage inside! To avoid the risk of electric shock do not open and touch elements inside.

- To avoid electric shock, do not open the HTSS and do not perform repairs by yourself. Service and repairs should be performed only by qualified specialists in an authorized service center. The list of authorized service centers is available on www.sven.fi
- Do not allow the circuit of wires (including the grounded ones) between the speakers, on the power amplifier or the ground, for it causes damage to the power amplifier output stage.
- Do not touch the HTSS power cord plug pins for 2 seconds after unplugging it from the mains.
- Do not put foreign objects inside the holes of the HTSS.
- The product shall not be exposed to water dripping or splashing and no objects filled with liquids, such as vases shall be placed on the product.
- Protect the HTSS from heating; do not locate it near heating appliances or expose to direct sunlight.
- Do not place sources of open flame on or near the HTSS.
- Don't place the HTSS in poorly ventilated areas. Leave an air gap of 10 cm or more. When operating the HTSS, do not put any devices on it, do not cover it with cloth or other objects preventing it from cooling.
- HTSS has the device of cutting off connection, easy to operate. If the MAINS plug and coupled apparatus used as the disconnect device, the disconnect device should be convenient to insert and pull out.
- Do not clean the HTSS with chemicals, use dry soft cloth only.

4. TECHNICAL DESCRIPTION

HT-435D 5.1 Home Theater Speaker System (HTSS) is designed for creating a home theater. The multi-channel 5.1 amplifier built into the subwoofer enables to connect the HTSS to virtually any audio source.

HTSS special features

- Built-in DD5.1/DTS decoders
- Built-in 5.1 amplifier
- Coaxial and optical digital inputs
- Additional stereo input (AUX)
- 2.0-to-5.1 signal processor

Operation Manual

HT-435D

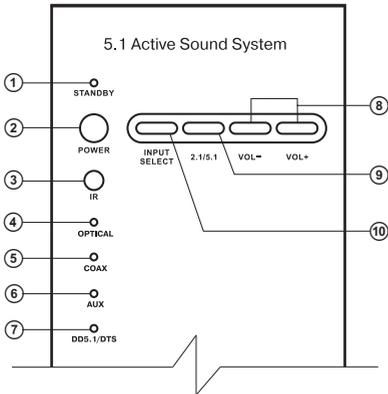


Fig. 1. Front control panel

- Remote control
- Wall mountable satellites

Subwoofer front panel

- ① STANDBY: STANDBY LED
- ② POWER: on/off button
- ③ IR: IR window
- ④ OPTICAL: OPTICAL mode LED
- ⑤ COAX: coaxial input switch-on LED
- ⑥ AUX: stereo input switch-on LED
- ⑦ DD5.1/DTS: current digital signal format LED
- ⑧ VOL-/VOL+: volume -/+ control button
- ⑨ 2.1/5.1: mode select button
- ⑩ INPUT SELECT: input selector button

Subwoofer rear panel

- ① OPTICAL INPUT: optical input
- ② AUDIO INPUT: AUX stereo input (left/right) for PC, CD/MP3 stereo players, etc.
- ③ COAX INPUT: coaxial input
- ④ AUDIO OUTPUT: output jacks for speakers connection:
 - FL/FR: left/right front channel output
 - CEN: center channel output
 - SL/SR: left/right surround channel output
- ⑤ FUSE: safety fuse
- ⑥ POWER: power on/off switch
- ⑦ Power cord

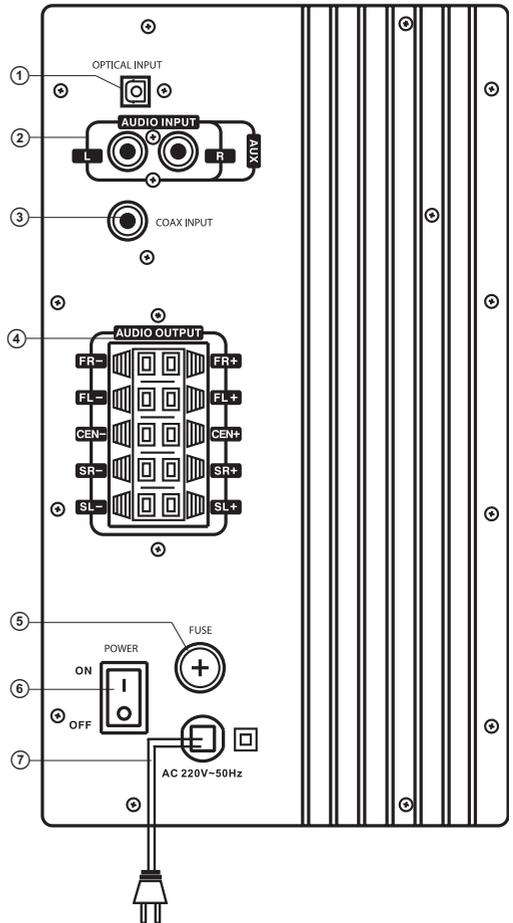


Fig. 2. Rear panel

Remote control

- ① STANDBY: off/on button (standby mode)
- ② OPT: optical input button
- ③ COAX: coaxial input selection button
- ④ 2.1/5.1: mode selection button
- ⑤ FRONT+/-: front channel volume control buttons
- ⑥ CENTRE +/-: center channel volume control buttons
- ⑦ SUB-/+ : subwoofer channel volume control buttons
- ⑧ VOLUME +/-: master volume control buttons
- ⑨ MUTE: sound off/on button
- ⑩ AUX: additional stereo input button
- ⑪ RESET: return to default settings
- ⑫ REAR+/-: surround speakers channel volume control buttons

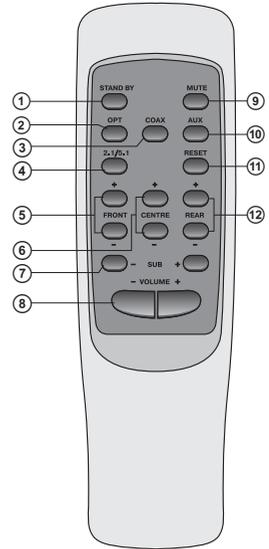


Fig. 3. Remote control

Remote control battery installation

- Open the battery compartment on the back of the remote control.
- Insert 2 AAA type batteries (included).
- Close the battery compartment.

Notes:

- *Use the remote control at an angle of no more than 30°, no more than 7 meters away.*
- *Direct the RC at the IR receiver display on the subwoofer.*
- *If the remote control does not work, check the battery or replace the discharged battery with a new one.*
- *Remove the battery from the remote control if you don't intend to use it for a long time (more than a week).*

5. PREPARATION AND OPERATION

Speaker placement

- To achieve optimum sound, it's recommended that you place the speakers according to Fig. 5. The center and front speakers should be located along an imaginary circle with the distance between the listener and the center channel speaker as a radius, and the listener's head as the center. Each of the three speakers should be placed at equal distance from the listener. The front speakers and the listener make up an equilateral triangle. The rear speakers are placed at the same distance from the listener (on the imaginary circle, too) at an angle of nearly 110° to the Listener – Display axis.
- Avoid placing your speakers in the corners and close to walls, as this can lead to unwanted resonance and distortions. If possible, place them at least 20 cm away from walls.
- For more accurate perception, the tweeters should be at the listener's ear level.
- Do not locate the speakers in niches. Such placement can affect the sound badly, especially in the lows.
- The subwoofer emits non-directional sound, therefore it can be located in any place of the room where it sounds the best.

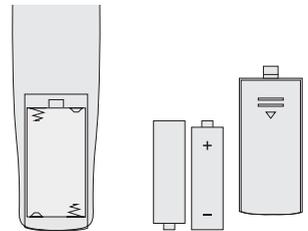


Fig. 4. Battery installation

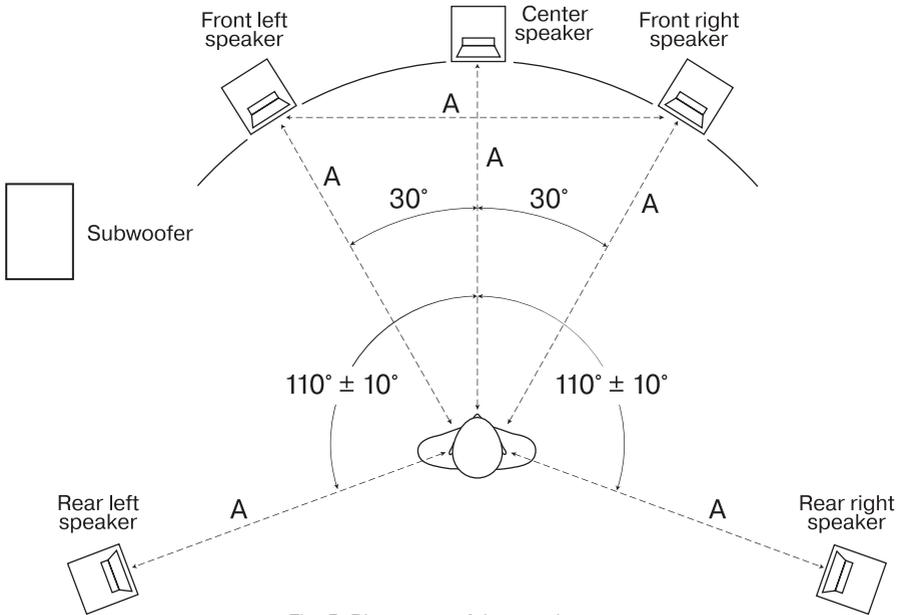


Fig. 5. Placement of the speakers

Connections illustration

- To prevent malfunction and/or damage to speakers or other devices, always turn down the volume, and turn off the power on all devices before making any connections.
- Connect the Subwoofer, the Center, the Front and the Surround Speakers (sww Fig. 6).

Operation

- Switch on the HTTS with ON/OFF $\text{\textcircled{C}}$ (ON position) on the subwoofer rear panel (Fig. 2). The device will switch on in standby mode. To turn the system to operation mode.
- Press STANDBY button $\text{\textcircled{1}}$ on the remote control (Fig. 3) or on the subwoofer front panel (Fig. 1). AUX stereo input is active by default. Choose an input with corresponding remote control buttons or INPUT SELECT $\text{\textcircled{C}}$ button on the front panel. At your own discretion with the help of corresponding remote control buttons or on the subwoofer front panel adjust the volume: with buttons VOL (+/-) – the master volume control, with FRONT (+/-) – front channels, CENTER (+/-) – central channel and REAR (+/-) – rear channels volume control.

Note. Independent adjustment of front, central and rear channels volume is possible when multi-channel signal is played via digital inputs (COAX, OPTICAL INPUT).

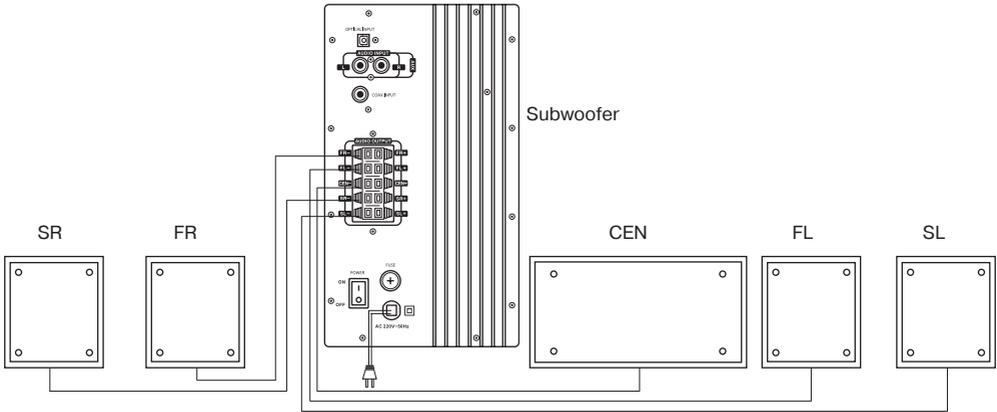


Fig. 6. Connections of the Subwoofer, the Center, the Front and the Surround Speakers

- DD5.1/DTS LED ⑦ displays a played multichannel soundtrack format. At that the LED ⑦ lights up red in Dolby Digital format, but the LED lights up blue when a soundtrack is played in DTS format.
- RESET button ⑩ for returning to default settings.
- 2.1/5.1 mode button ⑨ is used for playing a stereo signal via AUX stereo input, and the signal is reproduced with all the satellites.

Note. If you aren't going to use the system for a long time, mind to turn the **POWER switch ⑥** on the subwoofer rear panel to **OFF** position and **unplug the power cable ⑦**.

Sound source installation diagram

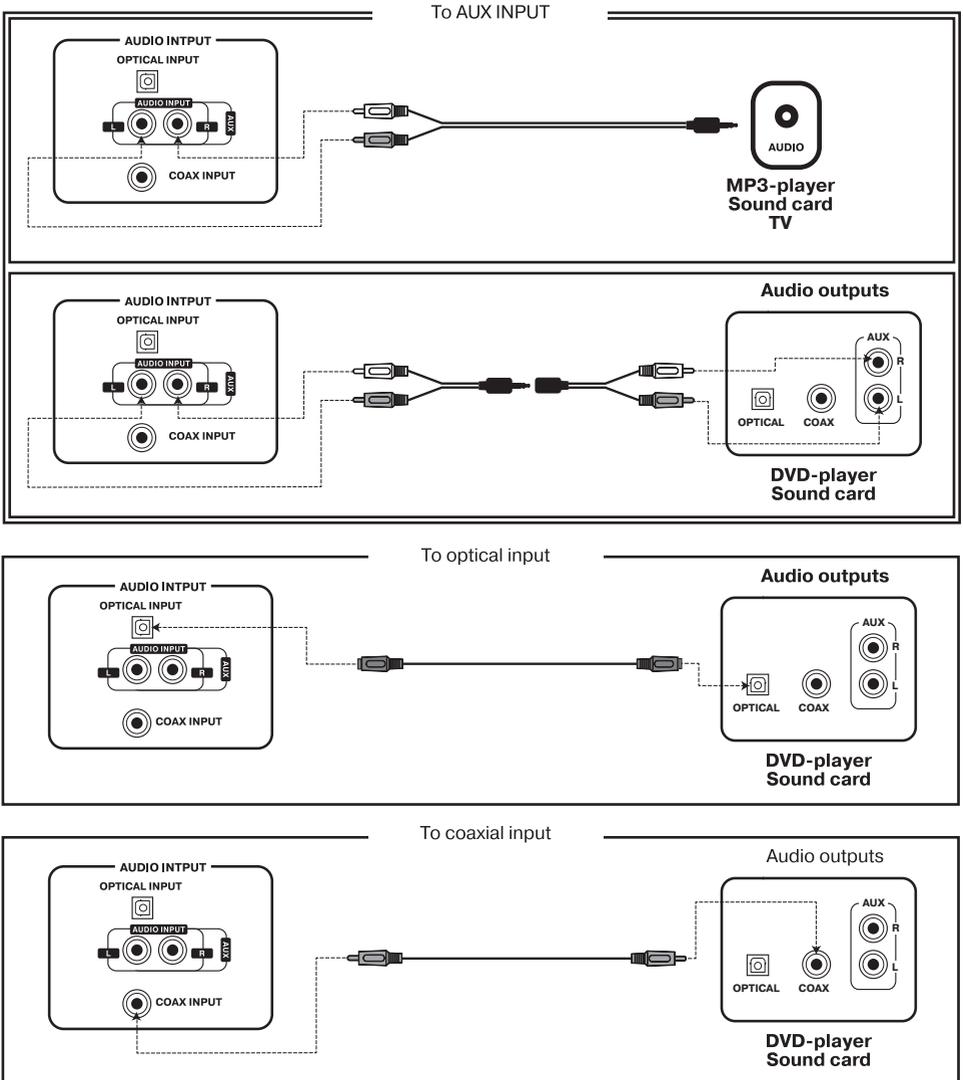


Fig. 7. Sound source installation diagram

6. TROUBLESHOOTING

Problem	Cause	Solution
No power.	The power plug connected improperly.	Reconnect properly.
	The power switch doesn't turn on.	Turn on the power switch.
No sound.	The volume regulator is at minimum position.	Turn the volume regulator properly.
	The signal source is connected improperly.	Connect the signal source properly (see Fig. 7).
	Wrong choice for signal in selector.	Choose signal source correctly.
	The mute button on the remote control is activated.	Press mute button on the RC or volume control button once.
Subwoofer no sound or volume low.	The signal source improper connection.	Connect the signal source properly (see Fig. 7).
	The subwoofer volume regulator is at minimum position.	Adjust the subwoofer regulator properly.
Distortion.	Volume is too loud.	Adjust the volume regulator properly.
The remote control malfunctions.	The RC receiving window on the panel is hidden or don't face the receiving window.	Please remove the barrier or let the RC face receiving window.

If none of the above methods can solve the problem, please seek professional advice at your nearest service center. Never attempt to repair the product yourself.

7. TECHNICAL SPECIFICATIONS

Parameter, measurement unit	Value
Output power (RMS), W: subwoofer front, rear satellites center satellite	110 (35 + 4 × 15) 35 4 × 15 15
Speaker diameters, mm: subwoofer front, rear satellites center satellite	∅ 165 full range ∅ 76 full range 2 × ∅ 76
Supply voltage, V/Hz	AC 220/50
Frequency range, Hz: subwoofer satellites	40 – 150 150 – 20 000
Dimensions (one speaker), mm: subwoofer front, rear satellites center satellite	313 × 170 × 313 95 × 110 × 120 95 × 220 × 110
Weight, kg	8.5

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.**

5.1 Active Home Theater Speaker System

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Модель: **HT-435D**

Импортер в России: ООО «СКАНДИТРЕЛ», 111024, РФ,
г. Москва, ул. Авиамоторная, д. 65, стр. 1.

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. Срок службы: 5 лет.

Производитель: «СВЕН ПТЕ. Лимитед», 176

Джу-Чиат-Роуд, № 02-02, Сингапур, 427447.

Произведено под контролем «Свен Скандинавия
Лимитед», 48310, Финляндия, Котка, Котолахдентие,

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Manufacturer: SVEN PTE. LTD, 176 Joo Chiat Road,
№ 02-02, Singapore, 427447. Produced under the control
of Oy Sven Scandinavia Ltd. 15, Kotolahdentie, Kotka,
Finland, 48310. Made in China.

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HT-435D