

Denon AVC-S511HD-K

Denon AV Surround Amplifier AVC-S511HD-K Instruction Manual

Model: AVC-S511HD-K | Brand: Denon

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Denon AVC-S511HD-K AV Surround Amplifier. Please read this manual thoroughly before using the product to ensure correct and safe operation.

The Denon AVC-S511HD-K is a compact AV Surround Amplifier featuring HDMI Ver1.4a compatibility, including 3D and Audio Return Channel (ARC) support. It offers three HDMI inputs and one HDMI output. The unit includes an automatic sound selection feature for TV programs and an iPod dock control terminal. It supports high-quality playback of compressed audio and can be expanded to a 5.1 channel surround sound system with additional speakers.

2. SAFETY INFORMATION

To prevent electric shock, fire, or damage to the unit, please observe the following safety precautions:

- Do not expose this appliance to rain or moisture.
- Do not remove the cover or back panel. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Ensure proper ventilation. Do not block ventilation openings.
- Do not place the unit near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Use only attachments/accessories specified by the manufacturer.
- Unplug this appliance during lightning storms or when unused for long periods of time.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact

your dealer immediately.

- Denon AVC-S511HD-K AV Surround Amplifier Unit
- Remote Control
- Power Cord
- Setup Microphone (for automatic calibration)
- FM/AM Antennas
- Quick Start Guide / Instruction Manual (this document)
- Speaker Cables (if included in bundle)
- Small Satellite Speakers (if included in bundle)



Image 3.1: Contents of the Denon AVC-S511HD-K package, including the main amplifier unit, remote control, speakers, and various cables.

4. SETUP

4.1 Placement

Place the amplifier on a stable, level surface with adequate ventilation. Avoid placing it in direct sunlight or near heat sources. Ensure there is sufficient space around the unit for airflow.

4.2 Connecting Your Devices

Follow these steps to connect your audio and video sources to the AVC-S511HD-K amplifier.

1. **HDMI Connections:** Connect your HDMI-compatible devices (e.g., Blu-ray player, game console, cable box) to the HDMI INPUT ports on the rear panel. Connect your TV or projector to the HDMI MONITOR OUT port.



Image 4.1: Rear panel of the Denon AVC-S511HD-K, showing HDMI input/output ports, digital audio inputs, and analog audio/video connections.

2. **Front HDMI Input:** For temporary connections, use the HDMI input located on the front panel.



Image 4.2: Front panel of the Denon AVC-S511HD-K, highlighting the front HDMI input port and the '3D' indicator.

3. **Speaker Connections:** Connect your speakers to the corresponding speaker terminals on the rear panel. Ensure correct polarity (+ to + and - to -) for each speaker. For a 5.1 channel setup, connect front left, front right, center, surround left, surround right, and a subwoofer.



Image 4.3: Top view of two compact satellite speakers, typically used as part of a 5.1 channel system with the AVC-S511HD-K.



Image 4.4: Side view of a Denon satellite speaker, showing its compact design and speaker grille.

4. **Power Connection:** After all other connections are made, connect the power cord to the amplifier and then to a wall outlet.

4.3 Initial Setup and Calibration

Upon first power-on, the amplifier will guide you through an initial setup process. This typically includes:

- **Speaker Setup:** Use the included setup microphone to automatically calibrate speaker levels and distances for optimal sound.

- **Input Assignment:** Assign names to your HDMI and other inputs for easy selection.
- **Network Setup (if applicable):** Configure network settings if your model supports internet connectivity.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

- **Power On/Off:** Press the POWER button on the front panel or remote control.
- **Input Selection:** Use the INPUT SELECTOR knob on the front panel or the dedicated input buttons on the remote control to switch between connected devices.
- **Volume Control:** Adjust the master volume using the VOLUME knob on the front panel or the VOL +/- buttons on the remote control.

5.2 Advanced Features

- **HDMI ARC (Audio Return Channel):** If your TV supports ARC, audio from your TV can be sent back to the amplifier via the HDMI cable connected to the MONITOR OUT port, eliminating the need for a separate optical cable. Ensure ARC is enabled on both your TV and the amplifier.
- **3D Video Pass-through:** The amplifier supports 3D video signals from compatible sources to a 3D-compatible TV.
- **iPod Control:** Connect your iPod to the dedicated iPod dock control terminal (if available) to play audio and control playback via the amplifier's remote.
- **Sound Modes:** Explore various sound modes (e.g., Stereo, Surround, Movie, Music) to optimize your listening experience for different content.

6. MAINTENANCE

- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Ventilation:** Ensure that the ventilation openings are not blocked by dust or debris. Periodically clean the vents if necessary.
- **Storage:** If storing the unit for an extended period, disconnect the power cord and store it in a cool, dry place.

7. TROUBLESHOOTING

If you encounter issues with your AVC-S511HD-K, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cord not connected; power outlet malfunction	Check power cord connection; try a different outlet
No sound	Incorrect input selected; speaker cables loose; volume too low; mute activated	Select correct input; check speaker connections; increase volume; deactivate mute
No video	Incorrect input selected; HDMI cable loose or faulty; TV input not set correctly	Select correct input; check HDMI cables; ensure TV is on correct HDMI input
Remote control not working	Batteries depleted; obstruction between remote and unit	Replace batteries; remove obstructions; ensure remote is pointed at the unit

If the problem persists after trying these solutions, please contact Denon customer support or a qualified service

technician.

8. SPECIFICATIONS

Feature	Detail
Model Number	AVC-S511HD-K
Brand	Denon
Color	Black
Connectivity Technology	HDMI
Total HDMI Ports	4 (3 In / 1 Out)
Special Features	ARC (Audio Return Channel), 3D Pass-through
Audio Output Mode	Surround
Surround Sound Channel Configuration	5.1
Number of Channels	5
Compatible Devices	Speakers
First Available Date	November 2, 2010

9. WARRANTY AND SUPPORT

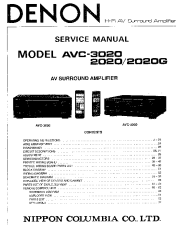



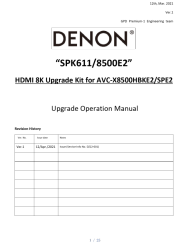
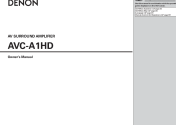
For warranty information and customer support, please refer to the warranty card included with your product or visit the official Denon website. Keep your proof of purchase for warranty claims.

Denon Official Website: www.denon.com



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Related Documents - AVC-S511HD-K

	<p>Denon AVC-3020/2020/2020G AV Surround Amplifier Service Manual</p> <p>Service manual for Denon AVC-3020, AVC-2020, and AVC-2020G AV Surround Amplifiers, including specifications, diagrams, and repair information.</p>
	<p>Denon AVC-S670H Integrated Network AV Amplifier Quick Start Guide</p> <p>A quick start guide for the Denon AVC-S670H Integrated Network AV Amplifier, covering initial setup, connections, and basic operation.</p>
	<p>Denon AVC-A10H: 13.4-Channel 8K AV Amplifier with HEOS Built-in</p> <p>Explore the Denon AVC-A10H, a premium 13.4-channel 8K AV amplifier featuring 150W per channel, HEOS wireless multi-room audio, Dolby Atmos, DTS:X Pro, IMAX Enhanced, and advanced room correction technologies for an unparalleled home theater experience.</p>
	<p>Denon AVP-A1HD / AVC-A1HD Owner's Manual - Additional Functions Edition</p> <p>Comprehensive guide detailing the additional and changed functions for the Denon AVP-A1HD AV Surround Pre-Amplifier and AVC-A1HD AV Surround Amplifier, including setup, playback, and advanced features.</p>
	<p>Denon SPK611/8500E2 HDMI 8K Upgrade Kit Operation Manual</p> <p>Official operation manual for the Denon SPK611/8500E2 HDMI 8K Upgrade Kit, providing detailed instructions for upgrading compatible Denon AV receivers like the AVC-X8500HBKE2/SPE2 to support 8K video and audio features.</p>
	<p>DENON AVC-A1HD AV Surround Amplifier Owner's Manual</p> <p>This owner's manual provides comprehensive guidance for the DENON AVC-A1HD AV Surround Amplifier, covering setup, connections, operations, features, and troubleshooting for optimal audio-visual experiences.</p>