

denon avr s960h manual

Denon AVR S960H Manual: The Denon AVR S960H is a versatile and powerful AV receiver designed to enhance your home entertainment experience. This manual serves as a comprehensive guide to help you set up, operate, and troubleshoot your device effectively. With its advanced features, including support for 8K video, Dolby Atmos, and various streaming options, the AVR S960H is a solid choice for audiophiles and home theater enthusiasts alike. In this article, we will delve into the essential components of the Denon AVR S960H, provide a step-by-step setup guide, explore its features, and offer troubleshooting tips to ensure you get the most out of your receiver.

Understanding the Denon AVR S960H

The Denon AVR S960H is engineered to deliver high-quality audio and video to your home theater system. Its design prioritizes performance and user-friendliness, making it an excellent choice for both novice users and seasoned tech aficionados.

Key Features

1. **8K Video Support:** The AVR S960H features HDMI 2.1 ports that support 8K resolution at 60Hz and 4K resolution at 120Hz, future-proofing your setup for the latest in video technology.
2. **Advanced Audio Formats:** It supports Dolby Atmos, DTS:X, and IMAX Enhanced audio, providing an immersive sound experience.
3. **Multi-Room Audio:** With HEOS built-in, you can stream music to different rooms and control everything through the HEOS app.
4. **Voice Control:** The receiver is compatible with Amazon Alexa, Google Assistant, and Apple Siri, allowing you to control your system hands-free.
5. **Easy Setup:** The Audyssey MultEQ room calibration software adjusts settings automatically for optimal sound based on your room's acoustics.

Specifications

- Channels: 7.2
- Power Output: 90 watts per channel (8 ohms)
- HDMI Inputs/Outputs: 6 inputs, 2 outputs (with eARC)
- Network Connectivity: Wi-Fi, Ethernet, Bluetooth
- Audio Formats Supported: Dolby Atmos, DTS:X, Dolby TrueHD, DTS-HD Master Audio
- Dimensions: 17.1 x 13.3 x 6.3 inches

Setting Up the Denon AVR S960H

Setting up your Denon AVR S960H is a straightforward process. Following these steps will help you

get started with your new receiver.

Unboxing and Initial Setup

1. **Unpack the Receiver:** Carefully remove the AVR S960H from its packaging. Make sure to keep all accessories, including the remote control, power cable, and setup microphone.
2. **Choose a Location:** Place the receiver in a well-ventilated area, ideally in an AV cabinet. Ensure it has enough space around it for airflow.
3. **Connect the Speaker Wires:** Strip the ends of your speaker wires, insert them into the corresponding speaker terminals on the back of the receiver, and tighten them securely.
4. **Connect to TV and Other Devices:**
 - Connect your TV to the HDMI OUT port on the receiver.
 - Connect other devices (Blu-ray players, gaming consoles, etc.) to the HDMI IN ports.
5. **Power Up:** Connect the power cable to an electrical outlet and turn on the AVR S960H.

Running the Audyssey Setup

To ensure optimal sound quality based on your room's unique acoustics, follow these steps to run the Audyssey setup:

1. **Connect the Calibration Microphone:** Plug the supplied microphone into the front panel of the receiver.
2. **Position the Microphone:** Place the microphone at ear level in your primary listening position.
3. **Access the Setup Menu:** Using the remote, navigate to the "Setup" menu.
4. **Select Audyssey:** Choose the Audyssey setup option and follow the on-screen prompts.
5. **Move the Microphone:** Audyssey will instruct you to take measurements from various positions in the room. Follow these instructions carefully.
6. **Complete Calibration:** Once measurements are taken, Audyssey will adjust the settings automatically.

Connecting to the Network

To enjoy streaming capabilities, you need to connect the AVR S960H to your home network:

1. **Wired Connection:** Connect an Ethernet cable from your router to the LAN port on the receiver.
2. **Wireless Connection:**
 - Press the "Home" button on the remote.
 - Navigate to "Settings" > "Network" > "Wi-Fi Setup."
 - Select your network and enter the password when prompted.

Exploring the Features of Denon AVR S960H

The Denon AVR S960H boasts a variety of features designed to enhance your home entertainment

experience.

Audio and Video Performance

- Dolby Atmos and DTS:X: Experience cinematic sound with overhead audio channels that create a three-dimensional soundstage.
- Video Processing: The receiver features advanced video processing to upscale lower resolutions to near 8K quality.
- Dynamic HDR and HDR10+: Enjoy enhanced color and contrast with support for HDR formats.

Streaming and Multi-Room Audio

With HEOS built-in, the AVR S960H allows you to stream music from popular services like Spotify, Tidal, and Amazon Music. You can also create a multi-room audio setup, enabling you to play different music in different rooms or sync audio across multiple speakers.

Control Options

- Mobile App: Use the HEOS app for easy control of your receiver and streaming services from your smartphone.
- Voice Control: Integrate with Alexa, Google Assistant, or Siri for hands-free operation of your AVR S960H.

Troubleshooting Common Issues

Even with a high-quality receiver like the Denon AVR S960H, users may encounter some issues. Here are some common problems and solutions:

No Sound Output

- Check Connections: Ensure all speaker and HDMI connections are secure.
- Input Selection: Verify that the correct input source is selected on the receiver.
- Volume Level: Ensure the volume is turned up and not muted.

HDMI Issues

- Check HDMI Cables: Use high-speed HDMI cables that support the required specifications.
- Firmware Update: Ensure your receiver's firmware is up to date to avoid compatibility issues.

Network Connectivity Problems

- Network Settings: Double-check your network settings to ensure the receiver is connected.
- Router Restart: Restart your router if the receiver cannot connect to the network.

Conclusion

The Denon AVR S960H manual serves as an essential resource for users to maximize the capabilities of their AV receiver. With its advanced features, versatile connectivity options, and superior audio-visual performance, the AVR S960H is a fantastic addition to any home theater setup. By following the steps outlined in this article, you can set up, operate, and troubleshoot your receiver effectively, ensuring an immersive entertainment experience for years to come. Whether it's movie night with the family or a gaming session with friends, the Denon AVR S960H is equipped to deliver exceptional sound and picture quality that makes every viewing experience memorable.

Frequently Asked Questions

Where can I find the Denon AVR S960H manual?

The Denon AVR S960H manual can be found on the official Denon website under the support or downloads section.

What are the key features of the Denon AVR S960H?

The Denon AVR S960H features 8K video upscaling, Dolby Atmos, DTS:X support, HEOS built-in for multi-room audio, and HDMI 2.1 compatibility.

How do I set up the Denon AVR S960H for the first time?

To set up your Denon AVR S960H, connect your speakers and devices, power it on, and follow the on-screen setup assistant to configure your audio and video settings.

What are the dimensions of the Denon AVR S960H?

The Denon AVR S960H has dimensions of approximately 17.1 x 13.3 x 6.3 inches (434 x 338 x 160 mm).

Does the Denon AVR S960H support voice control?

Yes, the Denon AVR S960H supports voice control through Amazon Alexa, Google Assistant, and Apple Siri.

How do I update the firmware on my Denon AVR S960H?

To update the firmware, go to the setup menu, select 'Firmware' and then 'Update', and follow the prompts to check for and install updates.

Can the Denon AVR S960H be used for gaming?

Yes, the Denon AVR S960H is suitable for gaming, offering low input lag and support for HDMI 2.1 features like Variable Refresh Rate (VRR) and Auto Low Latency Mode (ALLM).

What is the maximum power output of the Denon AVR S960H?

The Denon AVR S960H has a maximum power output of 95 watts per channel, with 7 channels of amplification.

How many HDMI inputs does the Denon AVR S960H have?

The Denon AVR S960H features 6 HDMI inputs and 2 HDMI outputs, allowing for multiple device connections.

Is the Denon AVR S960H compatible with older audio formats?

Yes, the Denon AVR S960H supports a wide range of audio formats, including older formats like Dolby Digital and DTS.

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