

Denon AVRX3500H

Denon AVR-X3500H 7.2-Channel 4K Ultra HD AV Receiver Instruction Manual

Model: AVRX3500H

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Denon AVR-X3500H 7.2-Channel 4K Ultra HD AV Receiver. The AVR-X3500H is designed to deliver exceptional home theater experiences with support for advanced audio and video formats, including Dolby Atmos, DTS:X, DTS Virtual:X, Dolby Vision, HDR10, and 4K Ultra HD. It also features integrated HEOS for multi-room audio and voice control compatibility with Amazon Alexa.

SETUP

Proper setup is crucial for optimal performance of your AV receiver. Follow these steps to connect and configure your system.

1. Initial Connections

Ensure the receiver is placed in a well-ventilated area. Connect your television, speakers, and other source devices (e.g., Blu-ray player, game console) to the appropriate ports on the rear panel.



Image: Rear view of the Denon AVR-X3500H receiver, highlighting the HDMI input ports. The receiver features multiple HDMI inputs (8 in/3 out) with HDCP 2.2 support, essential for connecting various 4K Ultra HD devices.

2. On-Screen Setup Assistant

The Denon Setup Assistant provides clear, simple instructions on your TV screen to guide you through the initial setup process. This includes connecting your TV, configuring specific EQ settings, and optimizing your surround sound system.

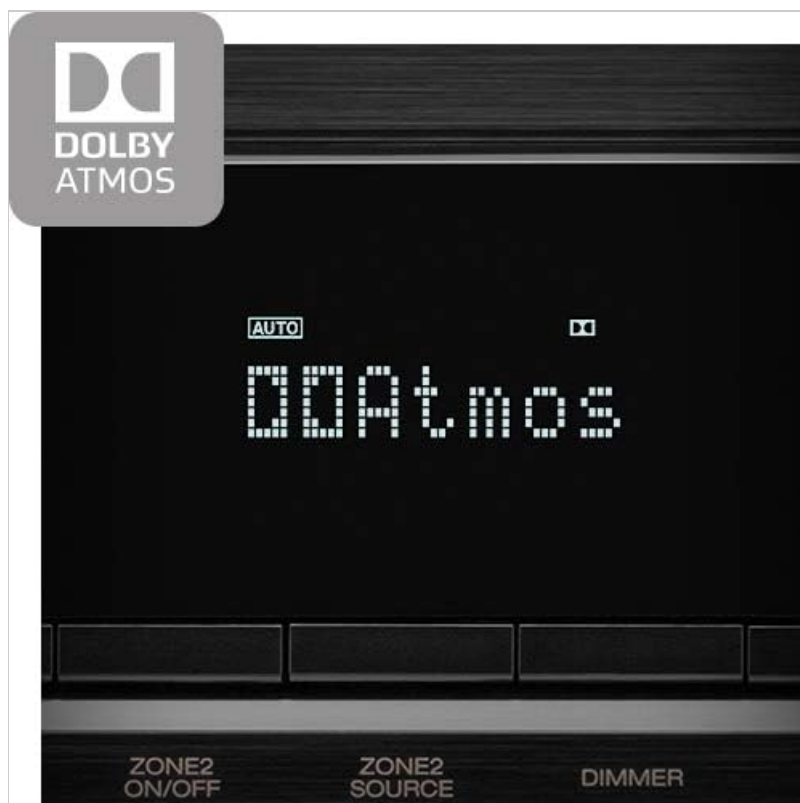


Image: The Denon AVR-X3500H receiver shown with its remote control, indicating the 'Easy Setup' feature. The on-screen setup assistant simplifies the configuration process for users.

3. Audyssey Audio Optimization

For the most accurate system configuration and best possible sound quality, utilize the Audyssey audio optimization feature. This technology calibrates your speakers to your room's acoustics, ensuring a balanced and immersive audio experience. The Audyssey MultiEQ Editor App allows for quick and precise adjustment of receiver specifications.

Your browser does not support the video tag.

Video: An official Denon video demonstrating the setup assistant and Audyssey audio optimization features of the X-Series AV receivers. It highlights the ease of setup and the precision of audio calibration for an enhanced home theater experience.

4. Speaker Configuration

The AVR-X3500H supports a 7.2-channel configuration, allowing for a wide range of speaker setups. It also supports advanced 3D audio formats like Dolby Atmos and DTS:X, which may require additional height or overhead speakers for a fully immersive soundstage. Refer to the on-screen setup assistant for guidance on connecting your specific speaker layout.

OPERATING YOUR RECEIVER

Once set up, your Denon AVR-X3500H offers various ways to enjoy your audio and video content.

1. Source Selection and Quick Selects

Use the input selector on the front panel or remote control to switch between connected devices. The front panel also features Quick Select buttons for audio tuning and source selection, allowing you to instantly recall preferred settings for different inputs.

2. Voice Control with Amazon Alexa

The AVR-X3500H is compatible with Amazon Alexa, enabling hands-free control of your receiver. You can adjust volume, change tracks, switch inputs, and more using voice commands through a compatible Alexa-enabled device.



Image: The Denon AVR-X3500H receiver positioned next to an Amazon Echo Dot, illustrating its compatibility with Amazon Alexa for voice control. This allows users to manage receiver functions with simple voice commands.

3. Music Streaming

Stream your favorite music services directly through the receiver. The AVR-X3500H supports Wi-Fi, AirPlay 2, and the HEOS app for access to platforms like Spotify, Pandora, and Tidal. The front-panel USB input provides precision playback for high-resolution audio files, including FLAC, MP3, and DSD formats.



Image: The Denon AVR-X3500H receiver displaying a 'Works with Amazon Music HD' badge, indicating its capability to stream high-definition audio from Amazon Music. This enhances the music listening experience with superior sound quality.

4. Video Playback

Experience ultra-detailed picture quality with support for 4K Ultra HD, Dolby Vision, HDR10, HLG, BT.2020, and Wide Color Gamut. The advanced HDMI section ensures optimal clarity, contrast, and color for your movies, shows, and games.



Image: A home theater setup featuring the Denon AVR-X3500H receiver and a television displaying a vibrant movie scene, accompanied by a 'Compatible Dolby Vision' label. This highlights the receiver's support for advanced HDR video technology.

5. Audio Formats

The receiver supports various immersive audio formats, including Dolby Atmos, DTS:X, and DTS Virtual:X, providing a three-dimensional sound experience. It also supports IMAX Enhanced for a premium at-home entertainment experience.



Image: A close-up view of the Denon AVR-X3500H's front display, clearly showing the 'Dolby Atmos' logo. This indicates the receiver's capability to decode and play content with Dolby Atmos immersive audio.

MAINTENANCE

To ensure the longevity and optimal performance of your Denon AVR-X3500H, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the exterior surfaces with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the finish.
- **Ventilation:** Ensure adequate ventilation around the receiver. Do not block the ventilation openings on the top, sides, or rear. Overheating can lead to malfunctions.
- **Power:** Disconnect the power cord from the wall outlet if the unit will not be used for an extended period.
- **Remote Monitoring:** For custom installations, the receiver features remote system monitoring and management technology, allowing your installer to gauge the status of connected products and troubleshoot remotely.

TROUBLESHOOTING

If you encounter issues with your Denon AVR-X3500H, refer to the following common troubleshooting steps:

- **No Power:** Check if the power cord is securely plugged into the wall outlet and the receiver. Ensure the power outlet is functional.
- **No Sound:** Verify that the correct input source is selected. Check all speaker connections and ensure they are securely fastened. Confirm that the volume is not muted or set too low. Run the Audyssey setup again to recalibrate speakers.
- **No Video:** Ensure all HDMI cables are securely connected between the source device, receiver, and TV. Confirm the correct HDMI input is selected on both the receiver and the TV. Check the resolution settings of your source device.
- **Remote Control Not Working:** Replace the batteries in the remote control. Ensure there are no obstructions between the remote and the receiver's IR sensor.

- **Network Connection Issues:** Check your Wi-Fi router and internet connection. Ensure the receiver is within range of your Wi-Fi network or connected via Ethernet.

For more complex issues, consult the comprehensive owner's manual available on the Denon website or contact Denon customer support.

SPECIFICATIONS

Model Number	AVRX3500H
Brand	Denon
Product Dimensions	17.2 x 14.9 x 6.6 inches
Item Weight	10.8 pounds
Surround Sound Channel Configuration	7.2 channel
Total HDMI Ports	11 (8 In / 3 Out)
Connectivity Technology	HDMI, Wi-Fi, Bluetooth, AirPlay 2, HEOS
Controller Type	Amazon Alexa, Vera
Audio Output Mode	Stereo, Surround
Special Features	Equalizer, Pandora, Spotify, Tidal, Dolby Atmos, DTS:X, DTS Virtual:X, IMAX Enhanced, Dolby Vision, HDR10, HLG
Manufacturer	Denon Electronics USA LLC
First Available Date	July 16, 2018

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your Denon AVR-X3500H receiver or visit the official Denon website. Denon Electronics USA LLC provides customer support for product inquiries, technical assistance, and service requests.

It is recommended to register your product on the Denon website to receive updates and support.