

Denon AVR-1508

Denon AVR-1508 AV Receiver Instruction Manual

Dolby Digital EX Decoding AV Receiver

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Denon AVR-1508 Dolby Digital EX Decoding AV Receiver. Designed for high-quality home audio and video experiences, the AVR-1508 features 75 watts x 7 channels of amplification, Analog Devices Melody 100 32-bit floating-point DSP processing, HDMI 1.3a video switching with Deep Color support, and 24-bit/192kHz A/D conversion. Please read this manual thoroughly to ensure proper installation and optimal performance of your receiver.

2. SETUP

2.1 Unpacking

Carefully remove the receiver and all accessories from the packaging. Verify that all components are present:

- Denon AVR-1508 AV Receiver
- Remote Control (if included)
- Power Cord
- Setup Microphone (for Auto Setup/Room EQ)
- Instruction Manual (this document)

Retain the original packaging for future transport or storage.

2.2 Placement

Place the receiver on a stable, level surface with adequate ventilation. Avoid placing it near heat sources or in direct sunlight. Ensure there is sufficient space around the unit for airflow (at least 10 cm on top and sides, 5 cm at the rear).

2.3 Connections

Before making any connections, ensure the receiver and all connected devices are powered off and unplugged from the wall outlet.



Image showing the front panel of the Denon AVR-1508 AV Receiver, displaying its various controls and display screen.

1. **Speaker Connections:** Connect your speakers to the corresponding terminals on the rear panel. Ensure correct polarity (+ to + and - to -) for all 7 channels and the subwoofer. The AVR-1508 supports a 7.1 channel configuration.
2. **Video Connections:** Use HDMI cables for connecting video sources (e.g., Blu-ray player, game console) to the HDMI input jacks and your TV/projector to the HDMI output jack. The receiver supports HDMI 1.3a.
3. **Audio Connections:** Connect other audio sources (e.g., CD player, XM Radio tuner) using optical, coaxial digital, or analog RCA cables to the appropriate input jacks.
4. **Power Connection:** After all other connections are made, plug the power cord into the receiver and then into a wall outlet.

2.4 Initial Setup and Room EQ

The AVR-1508 features an auto setup function with Room EQ to optimize sound performance for your listening environment. Connect the supplied setup microphone to the front panel jack and follow the on-screen instructions (if connected to a display) or the receiver's front panel display prompts.

3. OPERATING INSTRUCTIONS

3.1 Basic Operation

- **Power On/Off:** Press the POWER button on the front panel or remote control.
- **Volume Control:** Use the MASTER VOLUME knob on the front panel or the VOLUME +/- buttons on the remote.
- **Input Selection:** Press the INPUT SELECTOR buttons on the front panel or the corresponding source buttons on the remote (e.g., DVD, CD, TV/DBS).

3.2 Sound Modes and Surround Sound

The AVR-1508 supports various surround sound formats, including Dolby Digital EX. Use the MODE button on the remote or front panel to cycle through available sound modes (e.g., Stereo, Dolby Digital, DTS, Multi-Channel Stereo). Refer to the on-screen display or front panel display for the active mode.

3.3 Tone Controls (Bass/Treble)

To adjust Bass and Treble, access the Audio Adjustments menu. Press the MENU button on the remote, navigate to "Audio Adjust" or "Tone Control," and use the arrow keys to select and adjust Bass and Treble levels. These settings can often be saved per input source.

3.4 XM Radio Operation

If you have an XM Radio tuner connected and activated, select the XM input. Use the receiver's controls or remote to tune channels and access XM Radio features. Refer to your XM Radio tuner's manual for specific operational details.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Denon AVR-1508, follow these maintenance guidelines:

- **Cleaning:** Wipe the exterior surfaces with a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the finish.
- **Ventilation:** Regularly check that the ventilation openings on the top and sides of the receiver are not obstructed. Proper airflow is crucial to prevent overheating.
- **Power Cord:** Periodically inspect the power cord for any signs of damage. If damaged, discontinue use and contact Denon service.
- **Storage:** If storing the receiver for an extended period, unplug it from the power outlet and cover it to protect against dust.

5. TROUBLESHOOTING

Before contacting customer support, please refer to the following common issues and their solutions:

Problem	Possible Cause / Solution
No Power	Ensure the power cord is securely plugged into both the receiver and a working wall outlet. Check the power switch on the receiver.
No Sound Output	<ul style="list-style-type: none">• Check speaker connections for correct polarity and secure fit.• Verify the correct input source is selected.• Increase the volume level.• Ensure speakers are not muted or set to "Off" in the receiver's menu.• Confirm audio cables are properly connected from the source device to the receiver.
No Video Output	<ul style="list-style-type: none">• Ensure HDMI cables are securely connected between source, receiver, and TV.• Select the correct input on your TV.• Verify the correct input source is selected on the receiver.
Remote Control Not Working	<ul style="list-style-type: none">• Replace batteries with new ones.• Ensure there are no obstructions between the remote and the receiver's IR sensor.• Confirm the remote is set to control the receiver (if it's a universal remote).

Problem	Possible Cause / Solution
Intricate Menus / Difficulty Finding Settings	The AVR-1508 has a comprehensive menu system. Connect the receiver to a TV via HDMI to utilize the on-screen display for easier navigation. Refer to the "Operating Instructions" section (Section 3) for guidance on common adjustments like tone controls.

6. SPECIFICATIONS

Feature	Detail
Model Number	AVR-1508
Output Power	75 Watts per channel (x 7 channels)
Surround Sound Channels	7.1
Audio Output Mode	Surround
Connectivity Technology	Wired
Video Connector Type	HDMI (1.3a with Deep Color support)
Special Features	Auto setup and Room EQ, Digital Media Connectivity, XM Radio ready
DSP Processing	Analog Devices Melody 100 32-bit floating-point DSP
A/D Conversion	24-bit/192kHz
Item Weight	28.6 pounds (approx. 12.97 kg)
Dimensions (Package)	20.8 x 18.3 x 10.8 inches (approx. 52.8 x 46.5 x 27.4 cm)

7. WARRANTY INFORMATION

Denon products are manufactured to the highest quality standards. This product is covered by a limited warranty. The specific terms and duration of the warranty may vary by region and purchase date. Please retain your proof of purchase for warranty claims. For detailed warranty information, please refer to the warranty card included with your product or visit the official Denon website.

8. CUSTOMER SUPPORT

If you encounter any issues that cannot be resolved using the troubleshooting guide in this manual, or if you require further assistance, please contact Denon Customer Support.

- **Online Support:** Visit the official Denon website for FAQs, product registration, and support resources.
- **Telephone Support:** Refer to the contact information provided on the Denon website for your specific region.

Please have your model number (AVR-1508) and serial number ready when contacting support.



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