

Harman Kardon AVR 247

Harman Kardon AVR 247 AV Receiver User Manual

Model: AVR 247

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Harman Kardon AVR 247 AV Receiver. Designed for versatile high-definition video and audio connectivity, the AVR 247 offers advanced features to enhance your home entertainment experience.

Please read this manual thoroughly before operating the unit to ensure proper usage and to maximize its performance.

KEY FEATURES

- **HDMI Connectivity:** Features two switchable HDMI inputs and can pass through HD video signals up to 1080p.
- **Faroudja DCDi Processing:** Incorporates a Faroudja processor with DCDi technology, enabling upscaling of 576i and 576p video signals to 720p output via HDMI for improved picture quality.
- **EzSet/EQ Automatic Calibration:** Harman Kardon's proprietary automatic calibration system for simple and precise setup, adapting the system to any listening environment by measuring and compensating for frequency peaks and dips.
- **iPod Interface:** Includes an iPod interface for advanced audio and video playback and control functions when connected via The Bridge.
- **High-Quality Components:** Utilizes premium components such as Cirrus Logic CS49510 DSP processors and 24-bit/192 kHz audio D/A converters for realistic and detailed sound.
- **Logic7 Audio Technology:** Harman Kardon's Logic7 audio technology ensures unadulterated sound for both music and movies.
- **Multiroom Capability:** Offers numerous application possibilities for multiroom operation.
- **7.1-Channel A/V Receiver:** Provides 7 x 50 W output for a comprehensive surround sound experience.
- **Integrated Tuners:** Includes FM and MW (AM) tuners.

SETUP

1. Unpacking and Placement

Carefully remove the receiver from its packaging. Place the unit on a stable, level surface with adequate ventilation. Ensure there is sufficient space around the unit for heat dissipation.



Figure 1: Front view of the Harman Kardon AVR 247 AV Receiver.

2. Connecting Your Components

Connect your audio and video sources (e.g., Blu-ray player, game console, cable box) to the appropriate input jacks on the rear panel of the AVR 247. Use HDMI cables for high-definition video and audio, or optical/coaxial digital audio cables for digital audio connections. Connect your speakers to the corresponding speaker terminals, ensuring correct polarity (+ to + and - to -).



Figure 2: Rear panel connections of the Harman Kardon AVR 247.

3. Power Connection

Once all audio/video and speaker connections are made, plug the receiver's power cord into a suitable AC outlet.

4. EzSet/EQ Automatic Calibration

The AVR 247 features EzSet/EQ for automatic system calibration. Connect the supplied microphone to the EzSet/EQ input on the front panel. Follow the on-screen prompts or instructions in the full user manual to initiate the calibration process. This system automatically adjusts output levels and delay times for all channels, optimizing sound reproduction for your specific listening environment.

OPERATING INSTRUCTIONS

1. Power On/Off

Press the Power button on the front panel or the remote control to turn the unit on or off.



Figure 3: Front panel display and controls of the Harman Kardon AVR 247.

2. Input Selection

Use the input selector buttons on the front panel or the remote control to choose the desired audio/video source (e.g., DVD, CD, TV, Game).

3. Volume Control

Adjust the master volume using the large rotary knob on the front panel or the Volume Up/Down buttons on the remote control.

4. Using the Remote Control

The included remote control provides full functionality for the AVR 247, allowing you to control inputs, volume, sound modes, and other settings from your listening position. Refer to the remote control section in the comprehensive manual for detailed button functions.



Figure 4: Remote control for the Harman Kardon AVR 247.

5. iPod Integration

When a compatible iPod model is connected to the receiver via The Bridge, the iPod menu will be displayed on your television (or video display) and the receiver's display. This allows for convenient control of your iPod through the receiver's remote control.

6. Sound Modes and Settings

The AVR 247 offers various sound modes, including Logic7, to optimize your audio experience. Use the sound mode buttons on the front panel or remote to cycle through available modes. Further audio adjustments can be made through the receiver's on-screen menu system.

MAINTENANCE

To ensure the longevity and optimal performance of your Harman Kardon AVR 247, follow these maintenance guidelines:

- **Cleaning:** Disconnect the power cord before cleaning. Use a soft, dry cloth to wipe the exterior surfaces. Do not use

liquid cleaners or aerosol sprays, as they may damage the finish or internal components.

- **Ventilation:** Ensure that the ventilation openings on the top and sides of the receiver are not blocked. Proper airflow is crucial to prevent overheating.
- **Dust Accumulation:** Periodically use a soft brush or a vacuum cleaner with a brush attachment to gently remove dust from the ventilation grilles.
- **Storage:** If storing the unit for an extended period, disconnect it from power and store it in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you experience issues with your AVR 247, consult the following common troubleshooting steps before seeking professional service:

- **No Power:**
 - Check if the power cord is securely plugged into both the receiver and the AC outlet.
 - Verify that the AC outlet is functional by plugging in another device.
- **No Sound:**
 - Ensure the correct input source is selected.
 - Check speaker connections for proper polarity and secure attachment.
 - Verify that the volume is not set to minimum or muted.
 - Confirm that the audio cables from your source device are correctly connected to the receiver.
- **No Picture:**
 - Ensure the correct video input source is selected.
 - Check HDMI or other video cable connections between the source, receiver, and display.
 - Verify that your display (TV/projector) is set to the correct input for the receiver.
- **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.
 - Point the remote directly at the receiver's front panel.

For more detailed troubleshooting or persistent issues, refer to the complete Harman Kardon AVR 247 user manual or contact Harman Kardon customer support.

SPECIFICATIONS

Feature	Specification
Brand	Harman Kardon
Model	AVR 247
Manufacturer	Harman Deutschland GmbH & Co. KG
Output Wattage	350 Watts
Surround Sound Configuration	7.1 Channels

Signal-to-Noise Ratio (IHF-A)	100 dB
HDMI Ports	2 In / 1 Out (Pass-through up to 1080p)
Compatible Devices	Television, iPod (via The Bridge)
Connectivity Technology	HDMI
Control Method	Remote Control, Push Button
Video Format	PAL/NTSC
Dimensions (Package)	56.2 x 46.6 x 26.6 cm
Weight (Package)	17.34 kg

WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included with your Harman Kardon AVR 247 or visit the official Harman Kardon website. Warranty terms and conditions may vary by region.

For technical support, service, or additional inquiries, please contact Harman Kardon customer service. Contact details can typically be found on the manufacturer's website or in the product packaging.

Online Resources: For the most up-to-date information, FAQs, and software updates (if applicable), please visit the official Harman Kardon support page for the AVR 247 model.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question