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Harman Kardon DVD 31 Progressive-Scan DVD Player User Manual

Model: DVD31

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Harman Kardon DVD 31 Progressive-Scan DVD Player. Please read this manual thoroughly before using the unit to ensure proper setup and optimal performance. Retain this manual for future reference.



Front view of the Harman Kardon DVD 31 Progressive-Scan DVD Player, showcasing its sleek silver and black design with the disc tray and display panel.

2. SAFETY INFORMATION

To reduce the risk of electric shock, fire, or damage to the unit, observe the following precautions:

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

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Harman Kardon DVD 31 DVD Player
- Instruction Manual (this document)
- Remote Control
- 2 AA Batteries (for remote control)

4. SETUP

4.1. Connecting to a Television

The DVD 31 offers multiple video output options. Choose the connection type that provides the best quality supported by your television.

- **Component Video (YPbPr):** For progressive-scan (480p) or standard-scan video. Use three cables (red, green, blue) to connect the DVD 31's component video outputs to your TV's component video inputs. This provides the highest quality analog video signal.
- **S-Video:** Connect an S-video cable from the DVD 31's S-video output to your TV's S-video input. This offers better quality than composite video.
- **Composite Video:** Connect a single yellow RCA cable from the DVD 31's composite video output to your TV's composite video input. This is the most basic video connection.

4.2. Connecting to an Audio System

The DVD 31 provides various audio output options for connecting to your receiver or amplifier.

- **Coaxial Digital Audio:** Connect a coaxial digital audio cable from the DVD 31's coaxial output to your receiver's coaxial digital input for multi-channel digital audio (Dolby Digital, DTS passthrough).
- **Optical Digital Audio:** Connect an optical digital audio cable from the DVD 31's optical output to your receiver's optical digital input for multi-channel digital audio.
- **Multichannel Analog Audio:** For DVD-Audio playback with bass management, connect six RCA cables (Front L/R, Rear L/R, Center, Subwoofer) from the DVD 31's multichannel analog outputs to your receiver's corresponding multichannel analog inputs.
- **Stereo Analog Audio:** Connect two RCA cables (red for right, white for left) from the DVD 31's stereo analog outputs to your receiver's stereo analog inputs for standard two-channel audio.

4.3. Power Connection

After all audio and video connections are made, plug the DVD 31's power cord into an AC wall outlet.

5. OPERATING THE DVD PLAYER

5.1. Basic Disc Playback

1. Press the **POWER** button to turn on the unit.
2. Press the **OPEN/CLOSE** button on the front panel or remote control to open the disc tray.
3. Place a disc (DVD, CD, etc.) gently onto the disc tray with the label side facing up.
4. Press **OPEN/CLOSE** again to close the tray. The player will automatically begin reading the disc.
5. Use the **PLAY**, **PAUSE**, **STOP**, **SKIP**, and **FAST FORWARD/REWIND** buttons on the remote control to manage playback.

5.2. Progressive Scan and Video Enhancement

The DVD 31 features progressive scanning (480p) and 3:2 pulldown, which enhances picture quality by creating a picture with twice the scan lines of a conventional DVD, resulting in higher resolution and sharper images. Ensure your television or display is compatible with progressive scan input and is set to the correct input for optimal viewing.

5.3. Media Compatibility

The DVD 31 supports a wide range of disc formats:

- DVD-Video, DVD-Audio
- VCD, CD, CD-DA
- CD-R/RW, DVD-R/RW, DVD+R/RW
- WMA (Windows Media Audio), MP3
- CD-ROM multisession
- 96 kHz/24-bit audio discs
- JPEG still-image files on compact discs

5.4. JPEG and MP3 Playback

When playing discs containing JPEG images or MP3/WMA audio files, the player allows for various functions:

- **Slideshow Presentations:** The player can simultaneously play MP3 tracks and JPEG images, automatically changing images with each MP3 track.
- **Program, Random, and Repeat Play:** These modes are available for files and folders on MP3/WMA discs, as well as for DVDs and CDs.

5.5. Advanced Playback Functions

The DVD 31 includes several picture-search and convenience functions:

- **Frame-by-Frame Advance:** Progress through video content one frame at a time.
- **Fast Scanning:** Smooth fast-scanning at x2, x4, x16, and x100 speeds.
- **Slow Motion:** Fine slow motion at x1/2, x1/4, x1/16, and x1/100 speeds.
- **Picture Zoom:** Three picture-zoom settings with panning capability.
- **Parental Lock:** Restrict playback of certain content. Refer to the on-screen menu for setup.

5.6. Remote Control

The included remote control is backlit and ergonomically designed for ease of use. Ensure fresh batteries are installed and maintain a clear line of sight to the player's front panel sensor for optimal responsiveness.

6. MAINTENANCE

6.1. Cleaning the Unit

Wipe the exterior of the DVD player with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents. Ensure the unit is unplugged before cleaning.

6.2. Disc Handling

Handle discs by their edges to avoid fingerprints. Clean discs with a soft, lint-free cloth, wiping from the center outwards. Do not use harsh solvents or abrasive materials. Store discs in their cases to prevent scratches and dust accumulation.

7. TROUBLESHOOTING

If you experience issues with your DVD 31, consult the following table before contacting customer support.

Problem	Possible Cause	Solution
No power	Power cord not connected; power outlet not active.	Ensure power cord is securely plugged into the unit and a live AC outlet.
No picture	Video cables not connected correctly; incorrect TV input selected.	Check all video cable connections (Component, S-Video, Composite). Select the correct input source on your television.
No sound	Audio cables not connected; incorrect receiver input; receiver volume too low.	Verify all audio cable connections (Digital Coaxial/Optical, Multichannel Analog, Stereo Analog). Select the correct input on your audio receiver/amplifier. Increase volume.
Disc read error	Disc is dirty, scratched, or incompatible format.	Clean the disc with a soft cloth. Try a different disc. Ensure the disc format is supported by the DVD 31.
Audio/Video out of sync	Potential processing delay; specific disc encoding.	Pause and resume playback. Check if your receiver or TV has audio delay settings that can be adjusted. Ensure all connections are secure.
Remote control not responding	Dead batteries; obstructed signal path.	Replace batteries. Ensure no objects are blocking the line of sight between the remote and the player's front panel sensor.

8. SPECIFICATIONS

Feature	Detail
Model	DVD31
Dimensions (W x H x D)	17.31" x 2" x 12" (43.97 cm x 5.08 cm x 30.48 cm)
Weight	7.5 pounds (3.4 kg)
Video Output Resolution	720 x 576 pixels (Progressive Scan)
Video Outputs	Component (Progressive-Scan & Standard-Scan), S-Video, Composite
Audio Outputs	Coaxial Digital, Optical Digital, Multichannel Analog, Stereo Analog
D/A Converter	Wolfson 192kHz/24-bit Audio D/A Converter
Supported Media Types	DVD-Video, DVD-Audio, VCD, CD, CD-R/RW, WMA, MP3, DVD-R/RW, DVD+R/RW, CD-DA, CD-ROM multisession, 96 kHz/24-bit audio discs, JPEG
Special Features	Progressive Scan, 3:2 Pulldown, Bass Management, Dolby Digital/DTS Passthrough

9. WARRANTY INFORMATION

Harman Kardon products are designed and manufactured to the highest standards. For detailed warranty

information, please refer to the warranty card included with your product or visit the official Harman Kardon website. Keep your purchase receipt as proof of purchase for warranty claims.

10. SUPPORT

If you require further assistance or have questions not covered in this manual, please contact Harman Kardon customer support. Contact information can typically be found on the official Harman Kardon website or on your product's warranty documentation.