

KENWOOD MDV-M907HDF

KENWOOD MDV-M907HDF Car Navigation System User Manual

Model: MDV-M907HDF

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1. PRODUCT OVERVIEW

The KENWOOD MDV-M907HDF is a 9-inch floating car navigation system designed to provide advanced navigation and multimedia features. This model introduces a floating display mechanism, allowing installation in vehicles with conventional 7-inch openings, supporting a wide range of car models.

Key features include:

- **9-inch Floating Electrostatic Touch Screen:** Offers a large, responsive display for clear visibility and intuitive control.
- **High-Definition (HD) Panel and Mapping:** Delivers vivid and detailed map displays and high-vision image quality.
- **HDMI Connectivity:** Features HDMI input and output, along with a monitor mirroring function for expanded display options.
- **Integrated Multimedia:** Includes a terrestrial digital TV tuner, built-in Bluetooth, DVD player, USB, and SD card support for comprehensive AV entertainment.
- **High-Resolution Audio Support:** Compatible with various high-resolution audio formats such as DSD, FLAC, and WAV (up to 192kHz/24bit).



Image: The KENWOOD MDV-M907HDF navigation unit displaying a detailed map with multimedia content.

2. SETUP AND INSTALLATION

This section provides general guidelines for setting up your KENWOOD MDV-M907HDF unit. Professional installation is recommended for optimal performance and safety.

2.1. Included Components

Verify that all the following components are included in your package:

- GPS Antenna
- Screws (for mounting)
- Microphone
- Terrestrial Digital Antenna
- Power Harness

2.2. Installation Considerations

The MDV-M907HDF features a floating display design, allowing it to be mounted in vehicles originally designed for 7-inch navigation units. Ensure compatibility with your vehicle model before installation.

- **Mounting:** The floating display requires specific mounting procedures. Ensure all screws are securely fastened.
- **Wiring:** Connect the power harness, GPS antenna, terrestrial digital antenna, and microphone according

to the detailed wiring diagrams provided in the full installation manual (not included here).

- **USB Port:** Note that the USB connection may not be easily removable once installed, depending on the vehicle and mounting configuration.
- **Display Cover:** The thin plastic cover for the floating display should be handled with care during installation. Damage to this part can affect power supply to the unit. Repeated removal and reinstallation are not recommended to prevent damage to screws or the unit itself.



Image: Example installation of the MDV-M907HDF in a Toyota RAV4 interior, showcasing the floating display.



3. OPERATING INSTRUCTIONS

The MDV-M907HDF offers a user-friendly interface with various functions for navigation, entertainment, and connectivity.

3.1. Navigation

- **Map Display:** The HD panel provides clear and detailed map visuals. Use the touch screen to zoom, pan, and interact with the map.
- **Route Search:** Input destinations via the touch screen. The system offers various route options. While generally effective, some users have noted that the system may occasionally suggest routes through narrow roads even when vehicle type is specified.
- **Voice Guidance:** Follow voice prompts for turn-by-turn directions. Some users have found intersection voice guidance to be less clear compared to other systems.

3.2. Audio and Video Playback

- **Sources:** Play audio and video from DVD, USB devices, SD cards, and terrestrial digital TV.
- **High-Resolution Audio:** Enjoy high-quality audio playback from DSD, FLAC, and WAV (192kHz/24bit) files.
- **HDMI:** Connect external devices via HDMI for video input or use the HDMI output for mirroring the display to a rear monitor.

3.3. Connectivity (Bluetooth & Wi-Fi)

- **Bluetooth:** Connect your smartphone or other Bluetooth-enabled devices for hands-free calling and audio streaming. Bluetooth connection is typically fast and reliable.
- **Wi-Fi:** Utilize Wi-Fi for internet connectivity and other smart features.
- **Smartphone Integration:** The system supports Android and iPhone devices. While KENWOOD offers connection apps, some users report that these apps may not be consistently updated or unified, potentially requiring multiple apps for different functions.

4. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your MDV-M907HDF unit.

- **Screen Cleaning:** Use a soft, lint-free cloth specifically designed for electronic screens to gently wipe the display. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check the KENWOOD official website for available software and map updates to ensure you have the latest features and navigation data.
- **General Care:** Keep the unit free from dust and debris. Avoid exposing it to extreme temperatures or direct sunlight for extended periods.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your MDV-M907HDF unit.

5.1. No Power

- **Check Connections:** Ensure the power harness is securely connected to both the unit and the vehicle's power supply.
- **Fuse Check:** Verify that the vehicle's fuse related to the navigation system is intact.
- **Installation Damage:** If the unit was recently installed, re-check for any damage to the display cover or internal wiring that might prevent power from reaching the unit.

5.2. Sound Quality Issues

- **Speaker Phase:** If sound quality is poor or unnatural after installation, especially from front speakers, check the speaker wiring for correct phase (+/-). Incorrect phase can lead to distorted or unpleasant audio. A phase tester can be used to verify connections.
- **Audio Settings:** Adjust equalizer and sound field settings within the unit's audio menu.
- **Subwoofer Integration:** If low-frequency sound is lacking, consider adding a subwoofer. Some users have reported improved sound balance with a subwoofer, indicating that the unit's default output might benefit from additional bass reinforcement.

5.3. Navigation Inaccuracies

- **GPS Signal:** Ensure the GPS antenna is installed correctly and has a clear view of the sky.
- **Map Updates:** Outdated maps can lead to incorrect routing. Check for and install the latest map updates.

6. SPECIFICATIONS

Feature	Specification
Brand	KENWOOD
Model Number	MDV-M907HDF
Screen Size	9 Inches
Display Type	LED
Connectivity Technology	Bluetooth, HDMI, USB
Special Features	Bluetooth, Touch Screen
Memory Storage Capacity	16 GB
Map Type	Asia
Compatible Vehicle Type	Passenger Car
Item Weight	3.5 kg
Package Dimensions	39 x 30.2 x 26 cm
Release Year	2020
Included Components	GPS antenna, screws, microphone, terrestrial digital antenna, power harness

7. WARRANTY & SUPPORT

For detailed warranty information and technical support, please refer to the official KENWOOD documentation included with your product or visit the official KENWOOD website. Contacting KENWOOD customer service directly is recommended for any product-related issues or inquiries.

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