

## Dynavin DVN-MC 2000

# Dynavin DVN-MC2000 Multimedia Navigation System User Manual

Model: DVN-MC 2000

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Dynavin DVN-MC2000 Multimedia Navigation System. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage. This system is specifically designed for Mercedes-Benz CLK-Class (W209), Vito (W639), Viano (W639), and C-Class (W203) vehicles.

## 2. PRODUCT OVERVIEW

The Dynavin DVN-MC2000 is an advanced in-car multimedia and navigation system. Key features include:

- **Navigation:** Integrated iGo Primo Europe navigation software.
- **Multimedia Playback:** CD/DVD player, iPod, USB, SD card support for MP3/AAC/WMA audio files.
- **Radio:** Direct access to radio functions.
- **Bluetooth:** Built-in Bluetooth module for hands-free calling and audio streaming.
- **Display:** 7-inch color display with touch control.
- **Connectivity:** Multiple audio/video inputs/outputs, connections for DAB/DVB-T modules (optional), external microphone, and parking sensors.
- **Vehicle Integration:** Supports steering wheel controls and displays parking distance control (PDC) signals visually and audibly.
- **Dual Zone Functionality:** Allows different media to be played in different zones.

## 3. SETUP AND INSTALLATION

Professional installation is recommended for this device. Ensure the vehicle's power is disconnected before beginning installation.

### 3.1. Wiring Connections

- **ISO Connector:** Connect the main power and speaker wires using the provided ISO harness.

- **Fakra Antenna:** Connect the vehicle's radio antenna to the Fakra input.
- **GPS Antenna:** Connect the GPS antenna to the dedicated GPS input for navigation functionality.
- **USB Connections:** Two USB ports are available (one for media, one for 3G stick/data).
- **SD Card Slots:** One slot for navigation data, one for media playback.
- **Audio/Video Connections:** Utilize the multiple RCA inputs/outputs for external audio/video sources or amplifiers.
- **Optional Modules:** Connect optional DAB or DVB-T modules to their respective ports.
- **External Microphone:** Connect an external microphone for improved Bluetooth call quality.
- **Steering Wheel Controls:** Connect the appropriate wires to integrate with your vehicle's steering wheel controls.
- **Rear Camera Input:** Connect a reverse camera to the dedicated input for automatic display when reversing.

## 3.2. Initial Power-Up

After all connections are secure, reconnect the vehicle's power. The unit should power on automatically or by pressing the power button. Follow the on-screen prompts for initial setup, including language selection and time zone settings.

## 4. OPERATING INSTRUCTIONS

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### 4.1. Basic Controls

- **Volume Control:** Use the rotary knob to adjust the volume.
- **Direct Access Buttons:** Use the dedicated buttons for Radio, Navigation, Media, CD/DVD, iPod, USB, DAB-T (if connected), and DVB-T (if connected).
- **Touch Screen:** Navigate menus and control functions by touching the 7-inch display.
- **Dimmer Function:** The display brightness adjusts automatically via a light sensor or can be set manually.

### 4.2. Navigation (iGo Primo)

Press the "Navigation" button to access the iGo Primo software. Follow the on-screen instructions to enter destinations, view maps, and manage routes. Ensure the navigation SD card is inserted into the designated slot.

### 4.3. Media Playback

- **CD/DVD:** Insert a disc into the slot. The system will automatically detect and play the content.
- **USB/SD:** Insert a USB drive or SD card containing media files (MP3/AAC/WMA). Select "Media" and then choose the appropriate source. Playback options include playlist, album, artist, track, podcast, and audiobook.
- **iPod:** Connect your iPod via USB. The system will recognize the device and allow control of music playback.

### 4.4. Bluetooth Functionality

Pair your mobile phone with the DVN-MC2000 via Bluetooth for hands-free calling and audio streaming. Access the Bluetooth menu to search for devices, pair, and manage connections. The system supports alphabetical contact search.

### 4.5. Audio Settings

Access the audio settings menu to adjust sound parameters:

- **Equalizer:** 5-band frequency compensation.
- **Bass Boost:** Enhance low frequencies.

- **Subwoofer Control:** Adjust subwoofer volume and settings.
- **Balance/Fader:** Adjust audio distribution between speakers.
- **Sound Speed Compensation:** Adjust sound based on vehicle speed.

## 5. MAINTENANCE

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To ensure the longevity and optimal performance of your Dynavin DVN-MC2000, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the display and unit exterior. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check the official Dynavin website for available software updates to ensure the best performance and latest features.
- **Disc Care:** Handle CDs and DVDs by their edges to prevent scratches. Keep discs clean and free of dust.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

## 6. TROUBLESHOOTING

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If you encounter issues with your DVN-MC2000, refer to the following common problems and solutions:

- **No Power:**
  - Check all power connections and fuses.
  - Ensure the vehicle's ignition is on.
- **No Sound:**
  - Verify volume level is not at minimum or muted.
  - Check speaker connections.
  - Ensure correct audio source is selected.
- **Navigation Not Working:**
  - Ensure the navigation SD card is properly inserted.
  - Check GPS antenna connection and ensure clear sky view.
- **Bluetooth Pairing Issues:**
  - Ensure Bluetooth is enabled on both the DVN-MC2000 and your mobile device.
  - Delete previous pairings and try pairing again.
  - Move closer to the unit if your device is too far.
- **Touch Screen Unresponsive:**
  - Perform a soft reset (refer to the device's specific reset procedure, if available).
  - Ensure the screen is clean and free of debris.

If problems persist, contact Dynavin customer support or a qualified service technician.

## 7. SPECIFICATIONS

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<b>Brand</b>	Dynavin
<b>Model</b>	DVN-MC 2000
<b>Screen Size</b>	7 Inch
<b>Display Type</b>	Color Display
<b>Special Features</b>	Built-in Bluetooth
<b>Connectivity</b>	AUX, USB
<b>Input Device</b>	Buttons, Touch Screen
<b>Max. Output Power</b>	4 x 45 W
<b>Pre-amplifier Outputs</b>	Four RCA outputs
<b>Audio Input</b>	Two RCA inputs
<b>Internal Memory</b>	4-16 GB (design dependent)
<b>Compatible Vehicles</b>	Mercedes CLK-Class (W209) 04/2004-2006, Mercedes Vito (W639) 04/2004-2006, Mercedes Viano (W639) 04/2004-2006, Mercedes C-Class (W203) 03/2000-03/2004

## 8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or visit the official Dynavin website. Keep your proof of purchase for warranty claims.

For technical support, product inquiries, or service, please contact Dynavin customer service through their official channels. Always provide your model number (DVN-MC 2000) and purchase details when seeking support.

**Online Resources:** [www.dynavin.com](http://www.dynavin.com) (This is a placeholder link, please verify the actual Dynavin website for support.)

## 9. MEDIA INTEGRATION NOTES

No product images or official product videos were provided in the available data for this manual. For visual aids, please refer to the product packaging or the manufacturer's official website.