

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Dynavin](#) /
- › [Dynavin N7-MBML Car Radio Navigation System User Manual for Mercedes ML and GL](#)

## Dynavin 02058N7MBML

# Dynavin N7-MBML Car Radio Navigation System User Manual

Model: N7-MBML (02058N7MBML)

## INTRODUCTION

The Dynavin N7-MBML is an advanced car radio navigation system designed specifically for Mercedes M-class (W164) models from 2005-2011 and Mercedes GL (X164) models from 2006-2012. This unit integrates seamlessly into your vehicle's dashboard, offering a comprehensive suite of features including navigation, multimedia playback, and smartphone connectivity.

Key features include a high-resolution 6.2-inch capacitive anti-reflective touchscreen, Android Link for smartphone integration, a DSP sound processor for enhanced audio, and full compatibility with your vehicle's multifunction steering wheel controls. The system also includes the Igo Primo navigation software with a one-time free update.

## PRODUCT OVERVIEW



**Figure 1:** Dynavin N7-MBML unit displaying the main menu interface. The screen shows options for radio tuner, navigation, iPod, and other features.

phone, media playback, and USB input. Physical buttons for source, mute, USB, navigation, iPod, TV, AUX, FM, BND, and numeric presets are visible on the sides, along with a volume knob and phone controls.

## Capacitive Touchscreen and Anti-Reflective Display

The N7-MBML features a new capacitive touchscreen that responds to light touches, eliminating the need for pressure. This design enhances user interaction, making it more intuitive and responsive. The screen is also more resistant to scratches compared to older resistive touchscreens. Furthermore, the integrated anti-reflective display significantly improves visibility in bright sunlight, ensuring clear readability of information and navigation maps.

## Programmable Hardware Function Key

A dedicated hardware function key is located on the front panel of the device. This button can be assigned to control any desired function within the system. Users can customize and change the assigned function at any time through the system settings, allowing for quick access to frequently used features.

## SETUP

---

### Initial Power-On and Basic Settings

1. Ensure the unit is correctly installed and connected to your vehicle's power supply.
2. Turn on your vehicle's ignition. The Dynavin N7-MBML should power on automatically.
3. Upon first use, you may be prompted to set the language, time, and date. Follow the on-screen instructions.
4. Adjust the display brightness and sound settings to your preference via the system menu.

### Connecting a Smartphone via Android Link

Android Link allows you to control supported applications directly from the N7-MBML's screen. To use this feature:

1. Download the appropriate Android Link application to your smartphone. The specific app may vary.
2. Connect your smartphone to the N7-MBML unit using a USB cable.
3. On the N7-MBML, select the "Android Link" option from the main menu.
4. Follow any on-screen prompts on both your smartphone and the N7-MBML to establish the connection.
5. Once connected, you can operate supported apps directly from the unit's touchscreen.

### Bluetooth Pairing

The unit features Parrot Bluetooth for hands-free calling and audio streaming.

1. On the N7-MBML, navigate to the "Telefon" (Phone) or "Bluetooth" menu.
2. Ensure Bluetooth is enabled on your smartphone and set to discoverable mode.
3. Search for available devices on your smartphone. The N7-MBML should appear as "Dynavin" or a similar name.
4. Select the N7-MBML on your smartphone and confirm the pairing code if prompted.
5. Once paired, you can make and receive calls, and stream audio wirelessly.

## OPERATING INSTRUCTIONS

---

### Using the Touchscreen and Controls

- **Touchscreen:** Navigate menus, select options, and input data by lightly touching the screen. Swipe gestures may be supported for certain functions.
- **Steering Wheel Controls:** The unit is compatible with your vehicle's multifunction steering wheel controls. Use these to adjust volume, change tracks/stations, and answer/end calls without taking your hands off the wheel.
- **Volume Knob:** The physical knob on the unit controls the master volume.
- **Programmable Key:** Press the customizable hardware key to activate its assigned function.

## Radio Functions

- Select "Tuner" from the main menu to access the radio.
- Use the on-screen controls or physical buttons (FM/BND) to switch between FM bands.
- The RDS (Radio Data System) and TMC (Traffic Message Channel) features provide station information and traffic updates where available.
- To save a station as a preset, tune to the desired station and press and hold one of the numeric preset buttons (1-6) until you hear a confirmation beep. The unit supports 15 presets in the FM range.
- The DSP noise reduction feature automatically optimizes radio signal clarity.

## Media Playback

- **CD/DVD Player:** Insert a CD or DVD into the disc slot. The unit will automatically switch to the CD/DVD player mode.
- **USB/SD Card:** Insert a USB drive into the USB port or an SD card into the SD card slot. Select "USB" or "SD" from the main menu to browse and play media files.
- **iPod/iPhone:** Connect your Apple device using a compatible cable. Select "iPod" from the main menu to access your music library.
- **Bluetooth Audio:** Once paired, select "Bluetooth Audio" or "Media" and choose Bluetooth as the source to stream music from your smartphone.

## Navigation System (Igo Primo)

- Select "Navigation" from the main menu to launch the Igo Primo navigation software.
- Follow the on-screen instructions to enter your destination, select routes, and manage navigation settings.
- The system includes a one-time free map update. Refer to the Igo Primo documentation or Dynavin support for update procedures.

## DSP Sound Processor

Access the DSP (Digital Signal Processor) settings through the system menu to fine-tune your audio experience. This includes:

- **Equalizer (EQ):** Adjust frequency bands to customize the sound profile.
- **Time Correction:** Optimize sound staging by adjusting the delay for each speaker, ensuring sound reaches your ears simultaneously.
- **4V Pre-Out:** Provides a high-voltage output for connecting external amplifiers, ensuring a clean signal.

## MAINTENANCE

---

## Cleaning the Unit

- Use a soft, dry, lint-free cloth to gently wipe the screen and unit housing.
- For stubborn smudges on the screen, slightly dampen the cloth with water or a screen-cleaning solution specifically designed for electronics. Do not spray liquid directly onto the unit.
- Avoid using abrasive cleaners, solvents, or alcohol-based solutions, as these can damage the display and finish.

## General Care

- Keep all ports (USB, SD card slot) free from dust and debris.
- Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods, as this can affect performance and lifespan.
- Ensure proper ventilation around the unit to prevent overheating.

## TROUBLESHOOTING

---

Problem	Possible Cause	Solution
Unit does not power on.	No power supply; incorrect wiring; blown fuse.	Check vehicle's ignition and battery. Verify wiring connections. Inspect and replace fuses if necessary. Consult a professional installer if issues persist.
No sound from speakers.	Volume too low; mute activated; incorrect audio source; speaker wiring issue.	Increase volume. Deactivate mute function. Select the correct audio source (e.g., Radio, USB, Bluetooth). Check speaker connections.
Bluetooth device fails to pair.	Bluetooth not enabled on device/unit; incorrect pairing procedure; device already paired with another unit.	Ensure Bluetooth is active and discoverable on both devices. Repeat pairing steps. Disconnect from other Bluetooth devices.
Navigation not working or inaccurate.	Poor GPS signal; outdated maps; software error.	Ensure the vehicle is in an open area for better GPS reception. Check for available map updates. Restart the unit.
Touchscreen unresponsive.	Temporary software glitch; screen dirty.	Restart the unit. Clean the screen with a soft cloth. If the issue persists, a factory reset might be required (consult support).

For more complex issues or if the above solutions do not resolve the problem, please contact Dynavin customer support or a qualified service technician.

## SPECIFICATIONS

---

<b>Brand</b>	Dynavin
<b>Model Number</b>	02058N7MBML
<b>Compatible Vehicles</b>	Mercedes M-class (W164) 2005-2011, Mercedes GL (X164) 2006-2012

<b>Screen Size</b>	6.2 Inch LCD (1024px x 600px)
<b>Display Type</b>	Capacitive Anti-Reflective Touchscreen
<b>Connectivity</b>	Bluetooth (Parrot), USB, SD Card
<b>Navigation Software</b>	Igo Primo (with one-time free update)
<b>Audio Features</b>	DSP Sound Processor (EQ, Time Correction), 4V Pre-Out, FM RDS TMC Radio with DSP noise reduction
<b>Media Support</b>	CD/DVD Player, USB, SD, iPod/iPhone, Android Link
<b>Additional Features</b>	Multifunction Steering Wheel Control, Rear View Camera Ready, DAB+ Ready, DVB-T2 Ready, Programmable Hardware Function Key
<b>Item Weight</b>	997.9 g (approx. 2.2 lbs)
<b>Batteries Included</b>	No
<b>First Available Date</b>	January 15, 2020

## WARRANTY AND SUPPORT

---

Specific warranty terms and conditions for the Dynavin N7-MBML may vary depending on your region and the retailer from whom the product was purchased. Please refer to the warranty documentation provided with your unit or contact your point of purchase for detailed information regarding warranty coverage and claims.

For technical support, software updates, or further assistance, please visit the official Dynavin website or contact their customer service department. Contact information can typically be found on the manufacturer's website or in the product packaging.