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› NINETOM 12.3-inch Ultra-Narrow Touchscreen Receiver User Manual for Mercedes-Benz NTG 4.5/4.7 Systems

NINETOM 12.3-inch Ultra-Narrow Touchscreen Wireless CarPlay Android Auto Receiver for NTG 4.5/4.7 System

NINETOM 12.3-inch Ultra-Narrow Touchscreen Receiver User Manual

Model: 12.3-inch Ultra-Narrow Touchscreen Wireless CarPlay Android Auto Receiver for NTG 4.5/4.7 System

1. PRODUCT OVERVIEW

The NINETOM 12.3-inch Ultra-Narrow Touchscreen is an upgraded display unit designed to enhance your driving experience by integrating modern features like Wireless CarPlay and Android Auto while retaining your vehicle's original functionalities. This unit runs on a stable Linux system, ensuring smooth performance.

Key Features:

- **Upgraded 12.3-inch HD Touchscreen:** Features a 1920×720 IPS display with ultra-narrow bezels and a premium aluminum body. IN-CELL full lamination technology reduces glare by up to 75% and enhances clarity.
- **Built-in Wired & Wireless CarPlay/Android Auto:** Access GPS, calls, messages, and music using voice assistants (Siri, Google Assistant) or touch controls. Supports mirror projection for smartphone content.
- **Dual System Switching:** Seamlessly switch between the Linux interface and your vehicle's original system with a single click.
- **Retains Original Functions:** Preserves all factory functions including radio, amplifier, steering wheel controls, mouse knob, speedometer, fuel/oil indicators, safety alerts, and the original reversing camera. No modification to original car software or control units.

2. COMPATIBILITY

This touchscreen is specifically compatible with Mercedes-Benz vehicles equipped with **NTG 4.5/4.7 systems**. It is designed for the following models (2013–2015):

- Mercedes-Benz GLA-Class (C117/X117/X156)
- Mercedes-Benz CLA-Class (C117/X117/X156)
- Mercedes-Benz A-Class (C117/X117/X156)

- Mercedes-Benz G-Class (C117/X117/X156)

Note: This unit is NOT compatible with NTG 4.0 or NTG 5.0/5.1/5.2 systems.

Compatible with 2013-2015 Mercedes-Benz GLA/CLA/A-Class (C117 / X117 / X156, NTG 4.5/4.7 System)



Image: Visual guide for identifying compatible NTG 4.5/4.7 systems based on original radio connectors and display interfaces.

Day And Night Mode

Automatic light sensitivity adjusts the day and night mode according to your car's original headlights



Image: Illustrates the correct original radio types for NTG 4.5 and NTG 4.7, and incorrect types for NTG 4.0 and NTG 5.0.

3. SETUP AND INSTALLATION

Professional installation is recommended if you are not confident with the process. Installation does not damage your original wiring or affect your factory warranty. Always test all functions before reassembling the dashboard.

3.1. Package Contents

Support original Car Settings

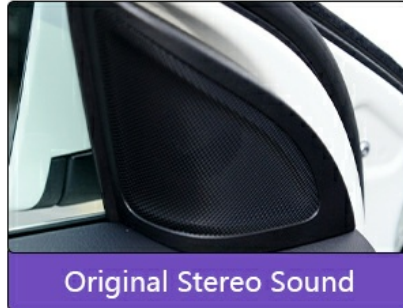


Image: Displays the 12.3-inch touchscreen unit, power cable, LVDS/USB cable, and AML cable included in the package.

3.2. Optical Fiber Cable Installation

If your vehicle uses an optical fiber cable for audio, it must be correctly relocated to the new harness to ensure sound functionality. This is a common point of error during installation.

Video: Demonstrates the process of relocating optic cables to the Linux harness for Mercedes-Benz vehicles, ensuring proper audio function after installation.

3.3. Resolution Settings

Before using the OEM system, it is crucial to set the correct screen resolution to avoid display issues. Incorrect resolution can cause the OEM system to display incorrectly.

Video: Guide on how to adjust the original resolution settings for Mercedes-Benz screens to ensure proper display compatibility.

4. OPERATING INSTRUCTIONS

4.1. Wireless CarPlay and Android Auto

The unit supports both wired and wireless CarPlay and Android Auto. This allows for seamless integration of your smartphone's features onto the car's display.

How to Change the Boot Logo ?



- ① Create a PNG image with a resolution of 1920×720P.
- ② Rename the file to `updatelogo.png`.
- ③ Place the file in the root directory of a USB drive.
- ④ Insert the USB drive into the system — a prompt will appear asking you to confirm the logo change.
- ⑤ Restart the system for the new logo to take effect.

Image: Shows the car's dashboard before and after installing the 12.3-inch touchscreen, highlighting the new CarPlay interface.

Video: Step-by-step instructions on how to set up Wireless CarPlay on Mercedes-Benz vehicles with the NINETOM touchscreen.

4.2. AirPlay Functionality

Utilize AirPlay to mirror your iPhone's screen directly onto the car display, allowing you to view videos, maps, and other content.

Video: Detailed guide on how to set up AirPlay on Mercedes-Benz vehicles using the NINETOM touchscreen.

4.3. Dual System Switching

Easily switch between the new Linux system and your original Mercedes-Benz system by long-pressing the 'OEM Car Info' button.

Support Wireless / Wired Carplay & Android Auto

Easily connect your smartphone via wired or wireless connection to enjoy app integration for navigation, music, and hands-free calls on the screen.



Image: Demonstrates holding the 'OEM Car Info' button to switch between the new system and the original car interface.

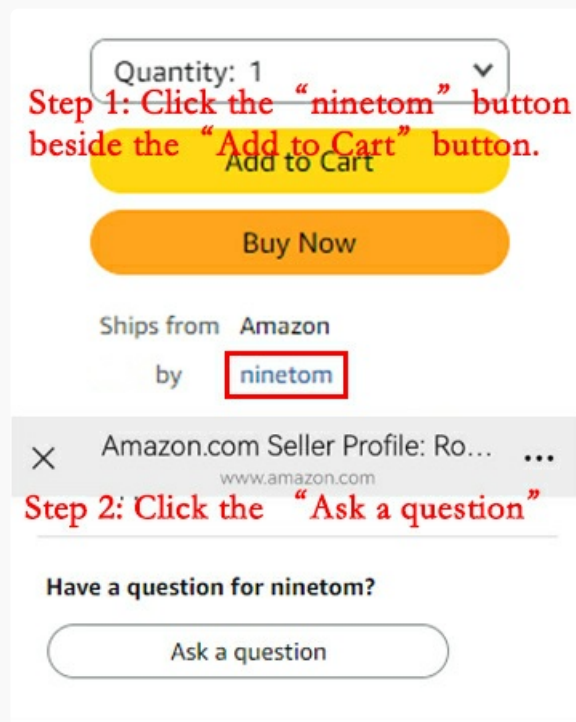


Image: Highlights that the unit supports original car system, stereo sound, reverse system, CD player, steering wheel control, and iDrive knob control.

4.4. Day and Night Mode

The screen features automatic light sensitivity, adjusting between day and night modes based on your car's original headlights for optimal visibility.



Image: Shows the screen automatically adjusting its display for day and night driving conditions.

4.5. Custom Boot Logo

You can personalize your unit by changing the boot logo.

1. Create a PNG image with a resolution of 1920×720 pixels.
2. Rename the file to `updatelogo.png`.
3. Place the file in the root directory of a USB drive.
4. Insert the USB drive into the system — a prompt will appear asking you to confirm the logo change.
5. Restart the system for the new logo to take effect.



Image: Visual steps for changing the boot logo using a USB drive.

5. TROUBLESHOOTING

Most issues encountered during or after installation are often due to incorrect cable connections or settings. Here are some common issues and potential solutions:

- **No Sound or Backup Camera Not Working:** This is frequently caused by an incorrectly connected or missing optical fiber cable. Ensure the original optical fiber cable is properly relocated to the new harness. Refer to the "Optical Fiber Cable Installation" video in Section 3.2.
- **Incorrect Display of OEM System:** Verify that the screen resolution is correctly set for your original vehicle system. Refer to the "Resolution Settings" video in Section 3.3.
- **Microphone Issues:** Ensure your phone's Bluetooth is active and properly paired for microphone and phone data functionality.
- **Screws Falling into Cracks During Installation:** Use a magnetic screwdriver to prevent screws from falling into hard-to-reach areas during head unit reinstallation.
- **Sound Quality Issues (e.g., fuzzy sound):** If you experience poor sound quality, especially after adjusting the equalizer, try resetting the EQ to a flat setting.
- **App Order Resetting in Android Auto:** This may be a software-related behavior. Check for available firmware updates if provided by the manufacturer.

If you encounter persistent issues, please contact our support team for assistance. Always test all functions before reassembling the dashboard.

6. SPECIFICATIONS

Feature	Detail
Screen Size	12.3 inches
Display Resolution	1920x720 IPS
Operating System	Linux
Connectivity	Wireless CarPlay, Android Auto, AirPlay, Bluetooth, Auxiliary, Optical
Compatible Devices	Smartphone
Controller Type	Google Assistant
Audio Output Mode	Stereo
Item Weight	2 Kilograms (4.4 pounds)
Package Dimensions	13.35 x 7.91 x 6.22 inches

7. WARRANTY AND SUPPORT

The NINETOM 12.3-inch Ultra-Narrow Touchscreen comes with a **1-Year Warranty**.

For any installation assistance or troubleshooting, you can contact our support team. Our team is experienced and ready to help resolve any issues you may encounter. Most issues are resolvable through correct cable connections or settings.

Please note that support is typically handled through the platform where the product was purchased (e.g., Amazon).

