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> [AMASE AUDIO EGOSONIC Android 14 Car Stereo 7-inch User Manual for Mercedes-Benz W168, W203, W209, W639, Vaneo, W463, C208, W208, W170](#)

AMASE AUDIO 7inch, Android 14, 8Cores (4+64GB)

AMASE AUDIO EGOSONIC Android 14 Car Stereo 7-inch User Manual

Model: 7inch, Android 14, 8Cores (4+64GB)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AMASE AUDIO EGOSONIC Android 14 Car Stereo. Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.



Figure 1.1: Front view of the AMASE AUDIO EGOSONIC 7-inch Android 14 Car Stereo.

2. PRODUCT COMPATIBILITY

This car stereo is compatible with the following Mercedes-Benz models:

- BMW M/ML/W168 (1998-2002)
- C Class/W203 (2000-2005)
- CLK/W209 (1998-2004)
- Viano Vito/W639 (2004-2006)

- Vaneo (2002-2005)
- G/W463 (1998-2004)
- CLK/C208 W208 (1996-2008)
- E-W210 (1998-2002)
- SLK W170 (1996-2002)

3. KEY FEATURES

- **Operating System:** Real Android 14.0 system with 8-Core Rockchip RK3576, 4GB RAM, and 64GB ROM. Supports convenient online firmware updates.
- **Display:** QLED 1280x720 pixel screen.
- **Smartphone Integration:** Supports Wireless/Wired CarPlay and Android Auto. Bluetooth connection eliminates the need for extra dongles or cables.
- **Connectivity:** 4G WiFi (5GHz/2.4GHz bands) and Bluetooth 5.0. Supports 4G SIM card for faster internet.
- **Audio:** Built-in DSP+ (Digital Sound Processor) for enhanced sound quality.
- **Navigation:** Built-in Google Maps for GPS navigation.
- **Multimedia:** Supports 1080p video playback.
- **User Interface:** Split-screen functionality, multicolor LED buttons, and customizable themes.
- **Additional Support:** Built-in apps to support OBDII and rear camera (rear camera not included).

HIGH STANDARD CONFIGURATION

Upgrade your car instantly

★ Guaranteed original and authentic ★

Android 14 

CPU: 8Core Cortex A53
RAM: 4GB **ROM:** 64GB



Wireless Carplay
No need dongle.



DSP+
(Built-in Decoding chip)



Dual-band WIFI
2.4G+5G

4G Cellular Network

Bluetooth 5.0

4G


Play Store


Navigation


Radio


Touchscreen

Figure 3.1: Overview of the car stereo's high standard configuration, including Android 14, 8-Core CPU, 4GB RAM, 64GB ROM, Wireless CarPlay, DSP+, Dual-band WiFi, 4G Cellular Network, Bluetooth 5.0, Play Store, Navigation, Radio, and Touchscreen.



Sound more Wider & Realistic



EQ adjustment

32-Bands Equaliser with Frequency from 30Hz to 17K Hz for adjusting your car own frequency response curve.



6 default settings

Six factory preset settings are for the EQ



Sound field control

Users can adjust the sound field in the car according to personal request.

Figure 3.2: DSP+ features for wider and more realistic sound, including 32-band equalizer adjustment and sound field control with 6 default settings.

4. SETUP AND INSTALLATION

4.1. Package Contents

The package includes all necessary parts for installation. Refer to the accessories image for a visual guide.



Accessories

1. SIM card cable
2. Power cable
3. Radio antenna adapter cable
4. USB Adapter cable
5. BT/Wifi/Rear cam antenna
6. USB Adapter cable
7. Canbus
8. Wifi antenna
9. Radio antenna connector
10. Guides
11. 4G antenna
12. External microphone
13. GPS antenna
14. RCA cable
15. Disassembly tools

Figure 4.1: Included accessories: 1. SIM card cable, 2. Power cable, 3. Radio antenna adapter cable, 4. USB Adapter cable, 5. BT/WiFi/Rear cam antenna, 6. USB Adapter cable, 7. Canbus, 8. Wifi antenna, 9. Radio antenna connector, 10. Guides, 11. 4G antenna, 12. External microphone, 13. GPS antenna, 14. RCA cable, 15. Disassembly tools.

4.2. Wiring Diagram

Refer to the detailed wiring diagram for proper connection of all components.

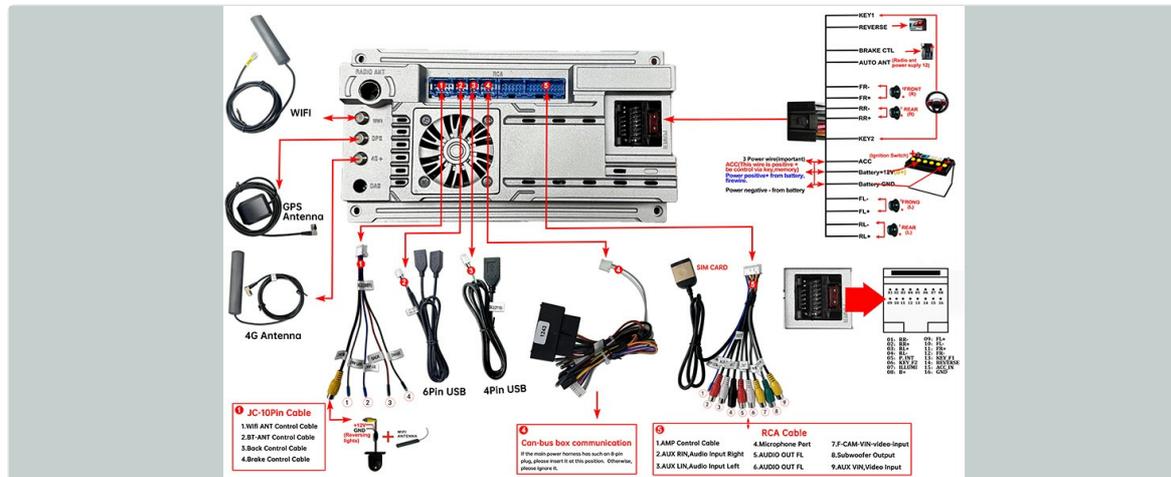


Figure 4.2: Comprehensive wiring diagram showing connections for WiFi, GPS, 4G antenna, USB, RCA cables, and other inputs/outputs.

4.3. Special Considerations for Installation

Fiber Optic Amplifier / Harmon Kardon / Bose Sound System: If your car has a built-in fiber optic amplifier, Harmon Kardon system, or Bose sound system, a decoder box will be required for proper audio integration.



Figure 4.3: Illustration of connections, highlighting the need for a decoder box if your vehicle has a fiber optic amplifier, Harmon Kardon, or Bose sound system.

Power Cord Mismatch: If the power cord of your original car does not match the provided power cord, an extension cord may be necessary.

Benz W168 installation effect



Figure 4.4: Example of an extension cord for situations where the original car's power cord does not match the unit's provided cable.

Decoder Box Compatibility: Various decoder boxes (MOST25-01, MOST25-02, D2B) are available from other manufacturers and can work with this head unit. If a decoder does not function after installation, a custom one may be required. Contact support if you encounter this situation.

Product 360 view & spec



SUPPORT



Subwoofer



TPMS



USB Port*3



Reversing
camera



DVR



OBD



AUX



Amplifier



SD card



Microphone

Figure 4.5: Table illustrating different decoder box types (MOST25-01, MOST25-02, D2B) and their compatible Mercedes-Benz models.

4.4. Installation Effect

Observe the visual difference before and after installation in a Mercedes-Benz W168.



Figure 4.6: Comparison showing the dashboard before and after the installation of the 7-inch car stereo in a Mercedes-Benz W168.

5. OPERATING INSTRUCTIONS

5.1. User Interface and Navigation

The unit features a modern Android 14 UI with intuitive navigation. You can switch between different themes to personalize your experience.



Figure 5.1: Overview of the Android 14 user interface, displaying various applications and a customizable home screen.

Video 5.1: Demonstrates the physical buttons, radio function, app collection, web browsing, Bluetooth pairing, DSP+ settings, and theme switching on the car stereo.

5.2. Wireless CarPlay and Android Auto

Connect your iPhone or Android device wirelessly for seamless integration of navigation, music, calls, and more.



Figure 5.2: Visual representation of Wireless Apple CarPlay and Wired/Wireless Android Auto interfaces on the car stereo, showing navigation and music playback.

Video 5.2: Demonstrates the Bluetooth pairing process and the functionality of Apple CarPlay on the car stereo, including navigation and app access.

Video 5.3: Illustrates the Bluetooth pairing process and the functionality of Android Auto on the car stereo, showcasing navigation and app integration.

5.3. Audio Features

Utilize the built-in DSP for advanced sound effects and customize your audio experience with the equalizer settings.



Figure 5.3: Visual of the DSP (Digital Sound Processor) interface, allowing for advanced sound effect adjustments and optimization for in-car acoustics.

The unit supports FM/AM radio with station presets.



Figure 5.4: Display of the FM/AM radio interface, showing frequency tuning and station selection options.

5.4. Navigation and Multimedia

Access GPS navigation through pre-installed apps like Google Maps. Enjoy high-resolution video playback.

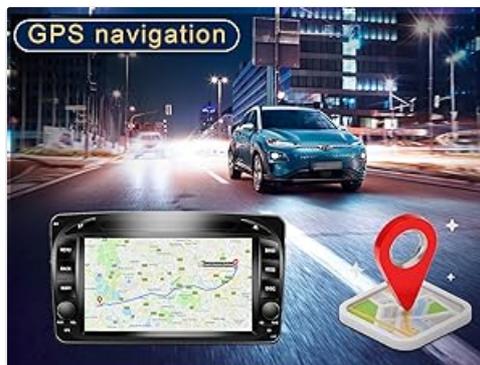


Figure 5.5: Example of the GPS navigation display, showing a map with route information.



Figure 5.6: The car stereo displaying high-resolution video content.

5.5. System Settings and Customization

Adjust various system settings including display brightness, wallpaper, and button colors. The split-screen feature allows for multitasking.



Figure 5.7: Various UI customization options, including brightness mode, changing wallpaper, split-screen view, and button color adjustment.

5.6. Additional Functions

- **Steering Wheel Controls:** Integrate with your vehicle's steering wheel controls for convenient operation.
- **WiFi Hotspot Share:** Share your device's internet connection with the car stereo.
- **Camera Input:** Supports both rear and front camera inputs for enhanced safety.
- **TPMS & OBD2:** Compatible with Tire Pressure Monitoring Systems (TPMS) and On-Board Diagnostics II (OBD2) devices for vehicle monitoring.



Figure 5.8: Illustration of how the car stereo integrates with existing steering wheel controls for audio and call management.



Figure 5.9: Demonstrates the WiFi hotspot sharing capability, allowing the car stereo to access the internet via a connected smartphone.



Figure 5.10: Visualizing the support for rear and front camera inputs, providing full-screen view, reverse image, and parking assist lines.



Figure 5.11: The car stereo's compatibility with TPMS (Tire Pressure Monitoring System) and OBD2 (On-Board Diagnostics II) for vehicle data monitoring.

6. MAINTENANCE

6.1. Software Updates

The system supports convenient online firmware updates for Android versions and app updates. Ensure a stable internet connection during updates.



Q1. Is your car built-in the fiber optic amplifier, Harmon Kardon system or Bose sound system ?
Yes, you will need the decoder box.

Figure 6.1: The online software update interface, showing options to check for new versions and perform firmware-over-the-air (FOTA) updates.

6.2. General Care

To maintain the unit's performance and appearance, regularly clean the screen and exterior with a soft, dry cloth. Avoid using abrasive cleaners or solvents. Ensure proper ventilation around the unit to prevent

overheating.

7. TROUBLESHOOTING

If you encounter any issues with your car stereo, please refer to the following general troubleshooting steps:

- **No Power:** Check all power connections and fuses. Ensure the ignition is on.
- **No Sound:** Verify speaker connections, volume levels, and audio source selection. Check DSP settings.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the stereo and your device. Try re-pairing the devices.
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear view of the sky.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset may be necessary (note: this will erase all user data).

For persistent problems or issues not covered here, please contact customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	7inch, Android 14, 8Cores (4+64GB)
Operating System	Android 14
Processor	8-Core Rockchip RK3576
RAM	4GB
ROM	64GB
Display	7-inch QLED, 1280x720 pixel
Connectivity	Bluetooth 5.0, Wi-Fi (5GHz/2.4GHz), 4G (SIM Card Slot)
Audio Output Mode	Surround
Surround Sound Channel Configuration	4.1
Special Features	Built-In Bluetooth, Built-In Wi-Fi, DSP, GPS Navigation, Support CANBUS function, Touchscreen
Compatible Devices	Amplifier, Speaker
Item Weight	1.87 pounds
Package Dimensions	11.61 x 7.48 x 5.83 inches

9. WARRANTY

This product comes with a one-year warranty. Free replacement of defected parts is offered, excluding the screen. Damage caused by human error or misuse is not covered under this warranty.

10. SUPPORT

For technical assistance, warranty claims, or any questions regarding your AMASE AUDIO EGOSONIC car stereo, please contact our customer support team. Refer to your purchase documentation for specific contact details or visit the AMASE AUDIO store online.

Related Documents - 7inch, Android 14, 8Cores (4+64GB)

 <p>Operating instruction <small>From functions or Settings menu. If the icon is not visible, click on the icon.</small> [The main interface] <ul style="list-style-type: none"> Click on the icon. Click on the screen to open the application. Click the clear screen, and then click again on the screen to return. Touch on the icon, press the button on any interface to return to the previous interface. Touch on the icon. Touch on the icon, press the button on any interface to return to the previous interface. The system will display the screen. The icon is highlighted on the top of the main interface to indicate that the Bluetooth connection has succeeded. Click the GPS icon. The icon is highlighted at the top of the main interface to indicate that the network connection has been successful. </p>	<p>MEKEDE Car Stereo Operating Instructions for Mercedes-Benz</p> <p>Comprehensive operating instructions for the MEKEDE Android Car Stereo system designed for Mercedes-Benz W203/W209 models (2005-2009), covering main interface, radio, music, video, Bluetooth, and system settings.</p>
 <p>Operating instruction <small>From functions or Settings menu. If the icon is not visible, click on the icon.</small> [The main interface] <ul style="list-style-type: none"> Click on the icon. Click on the screen to open the application. Click the clear screen, and then click again on the screen to return. Touch on the icon, press the button on any interface to return to the previous interface. Touch on the icon. Touch on the icon, press the button on any interface to return to the previous interface. The system will display the screen. The icon is highlighted on the top of the main interface to indicate that the Bluetooth connection has succeeded. Click the GPS icon. The icon is highlighted at the top of the main interface to indicate that the network connection has been successful. </p>	<p>MEKEDE Car Stereo System Operating Instructions: Features, Settings, and Connectivity</p> <p>Comprehensive operating instructions for MEKEDE car stereo systems, covering main interface, radio, music, video, Bluetooth, sound settings, file management, steering wheel controls, and connectivity options like CarPlay and Android Auto.</p>
 <p>Product Manual</p>	<p>Car Stereo System Product Manual</p> <p>A comprehensive guide to the features and operation of the car stereo system, including navigation, Bluetooth, audio settings, and more.</p>
 <p>EPCR11/12</p>	<p>EinParts EPCR11/EPCR12 Car Radio - Android 10, 8-Core, 4GB+64GB</p> <p>Discover the EinParts EPCR11/EPCR12, a feature-rich Android 10 car radio with an 8-core processor, 4GB RAM, 64GB storage, GPS, Bluetooth, and 4G LTE connectivity. Includes installation, safety, and disposal information.</p>



[CarlinKit CPC200-Tbox Ai Box CarPlay: Wireless Adapter & Media Box User Guide](#)

Comprehensive user guide for the CarlinKit CPC200-Tbox Ai Box CarPlay, detailing its features as a wireless CarPlay/Android Auto adapter and media streaming box. Includes system specifications, product details, compatibility, and certifications.



[BINIZE Android 13 AI Box User Guide: Wireless CarPlay, Android Auto, and Multimedia Features](#)

A comprehensive guide to the BINIZE Android 13 AI Box, covering setup, features like Wireless CarPlay and Android Auto, Bluetooth connectivity, SIM card usage, and troubleshooting.