AMASE AUDIO Android 14 Car Radio for Mercedes-Benz W211/W463/W209/W219

AMASE AUDIO Android 14 Car Radio 7-inch User Manual

Model: Android 14 Car Radio for Mercedes-Benz W211/W463/W209/W219

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AMASE AUDIO Android 14 Car Radio. This 7-inch in-dash navigation system is designed to enhance your driving experience with advanced features and connectivity.

1.1. Vehicle Compatibility

This unit is compatible with the following Mercedes-Benz models:

- **E-Class W211** (2002-2008): E200, E220, E240, E270, E280, E300, E320, E350, E400, E420, E55, E500
- **G-Class W463** (2001-2008): G350, G500, G55
- **CLS-Class W209** (2005-2006)
- **CLS-Class W219** (2004-2011): CLS350, CLS500, CLS55, CLS66 AMG

Important Note: If your vehicle is equipped with a fiber optic line, Bose sound system, or Harman Kardon sound system, additional components may be required for proper installation. You may need to purchase a separate decoder box (ASIN: B0B5YWLGDL, B0B5ZFBSJ5, or B0B1PCY681) or an extended cable (ASIN: B0CWTQMG5Y). Please consult the detailed installation section for more information.

2. PRODUCT COMPONENTS

The following items are included with your AMASE AUDIO Android 14 Car Radio:

- AMASE AUDIO Android 14 Car Radio Unit
- Power Cables
- SIM Card Cable
- Radio Antenna Adapter Cable
- USB Adapter Cables (multiple)
- BT/WiFi/Rear Camera Antenna
- Canbus Decoder
- WiFi Antenna
- Radio Antenna Connector

- GPS Antenna

- Rear Camera

- External Microphone

- Disassembly Tools

- User Manual (this document)

Accessories

1. SIM card and RCA cable
2. Power cable
3. Radio antenna
4. USB Adapter cabel
5. BT/WIFI antenna
6. USB Adapter cable
7. Canbus
8. Wifi antenna
9. Radio Antenna connector
10. Guidelines
11. Wifi antenna
12. External Microphone
13. GPS antenna
14. Rear Camera
15. Disassembly tools

Figure 2.1: Overview of included accessories and cables for the car radio unit.

3. SETUP AND INSTALLATION

Professional installation is recommended for this product. Ensure the vehicle's battery is disconnected before beginning installation.

3.1. Pre-Installation Check

Before removing your original car radio, verify the compatibility and identify any specific audio system configurations in your vehicle (e.g., fiber optic, Bose, Harman Kardon). This will determine if additional decoder boxes or extended cables are necessary.

Figure 3.1: Visual comparison of the dashboard before and after installing the AMASE AUDIO car radio in a Mercedes-Benz W211.

3.2. Wiring Diagram

Refer to the following diagram for proper wiring connections. Ensure all cables are securely connected to their corresponding ports on the car radio unit and the vehicle's harness.

Figure 3.2: Comprehensive wiring diagram for the car radio unit.

3.3. Rear Panel Connections

The rear panel of the unit features various ports for power, audio output, antennas, and peripheral devices. Familiarize yourself with these connections before installation.

Figure 3.3: Rear panel connections and supported features.

4. OPERATING INSTRUCTIONS

4.1. System Overview

The car radio operates on a Real Android 14 system, powered by an Octa-Core processor with 4GB RAM and 64GB ROM. It features a fast boot design and a built-in Digital Sound Processor (DSP) for enhanced audio quality.

Figure 4.1: Key system specifications and features.

4.2. User Interface and Customization

The 7-inch touchscreen display offers an intuitive user interface. You can customize the appearance with extra themes, change the wallpaper, adjust brightness, and modify button colors. The split-screen function allows for multitasking.
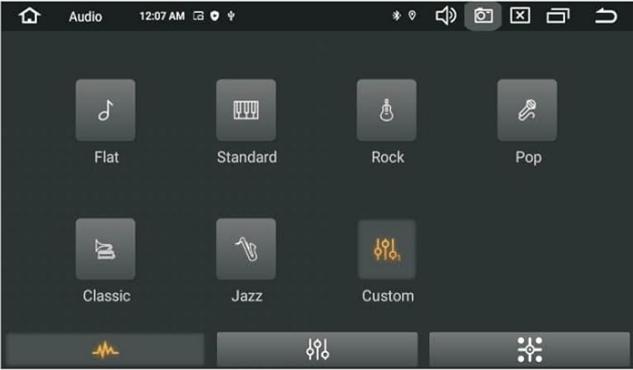
EQ adjustment

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

6 default settings

There are six factory preset settings for the EQ.

Sound field control

You can adjust the sound field in the car according to your request.

Figure 4.2: Overview of the user interface and available applications.

Figure 4.3: UI customization features.

4.3. Wireless Carplay and Android Auto

The unit features built-in Wireless Carplay for Apple devices and Wireless Android Auto for Android devices. Connect your smartphone via Bluetooth for seamless integration without the need for additional dongles or cables.
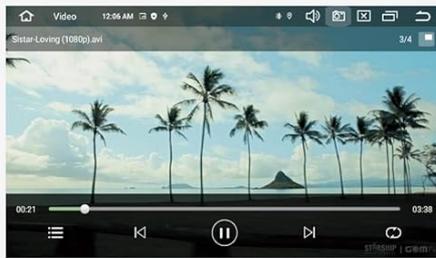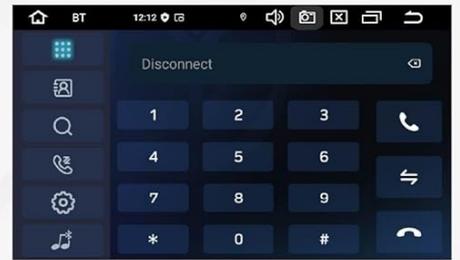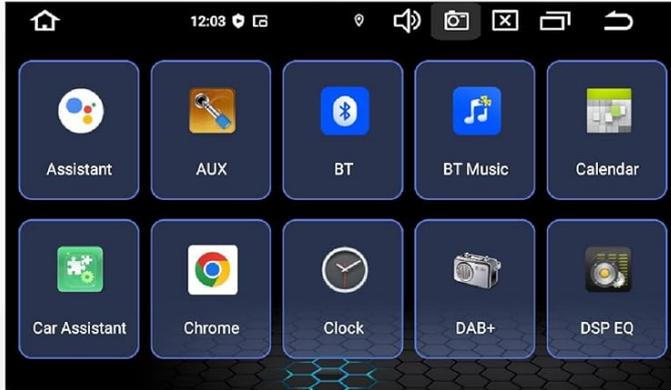
Figure 4.4: Wireless Carplay functionality.

4.4. Connectivity (WiFi, Bluetooth, 4G)

The system supports 2.4GHz WiFi and Bluetooth 5.0, allowing you to connect to the internet and pair your devices wirelessly. A 4G cellular network connection is also supported for continuous online access.
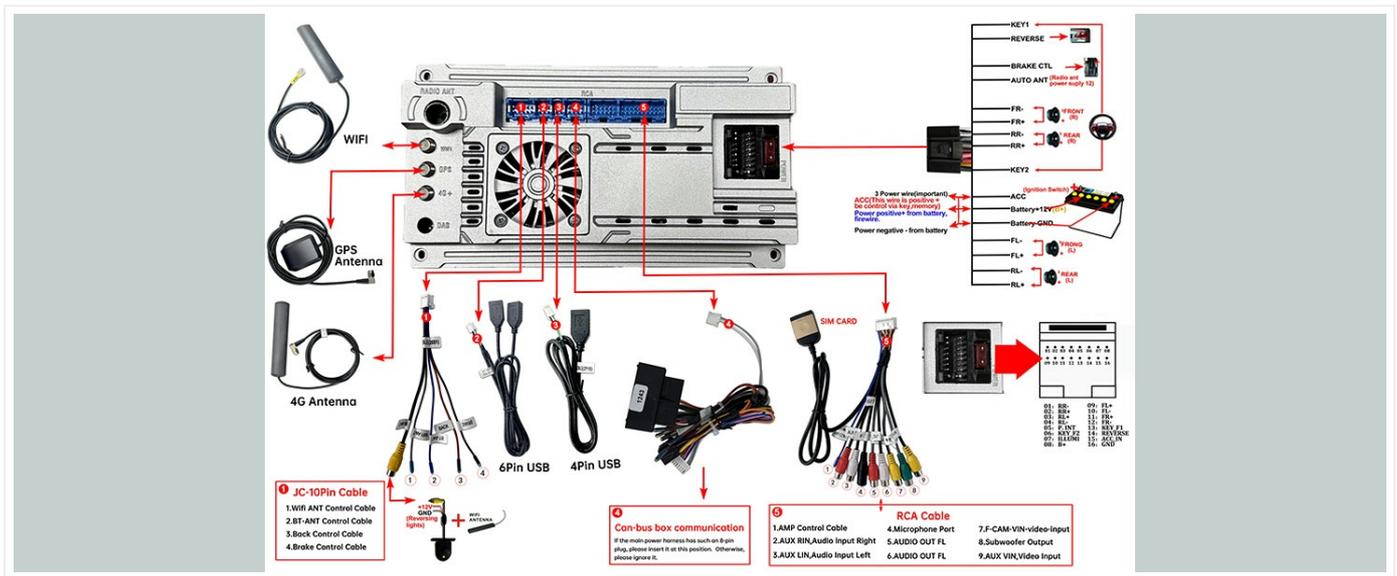
Figure 4.5: Bluetooth features and connectivity.

4.5. GPS Navigation

Utilize the built-in Google Maps for GPS navigation. The system supports worldwide map types, providing reliable guidance for your journeys.

Figure 4.6: GPS navigation interface.

4.6. Audio Features (DSP)

The integrated DSP (Digital Sound Processor) allows for precise audio customization. Adjust your sound with a 32-band equalizer and control the sound field to optimize your in-car audio experience.

Figure 4.7: DSP features for sound adjustment.

4.7. Multimedia Playback

Enjoy 1080p video playback and access to FM/AM radio stations. The unit supports various media formats for a comprehensive entertainment experience.

Figure 4.8: FM/AM radio interface.

4.8. Rear Camera Functionality

A rear camera is included in this package. When connected, the unit automatically displays the rear view with parking assist lines when the vehicle is in reverse, enhancing safety and ease of parking.

Figure 4.9: Rear camera display features.

4.9. Steering Wheel Controls

The unit supports integration with your vehicle's existing steering wheel controls, allowing you to manage audio, calls, and other functions without taking your hands off the wheel. Configuration may be required.

Figure 4.10: Steering wheel control integration.

5. MAINTENANCE

5.1. Software Updates

The system supports Over-The-Air (OTA) software updates. Regularly check for and install updates to ensure optimal performance, enhance security, and benefit from the latest Android version improvements. Follow the on-screen prompts for update procedures.
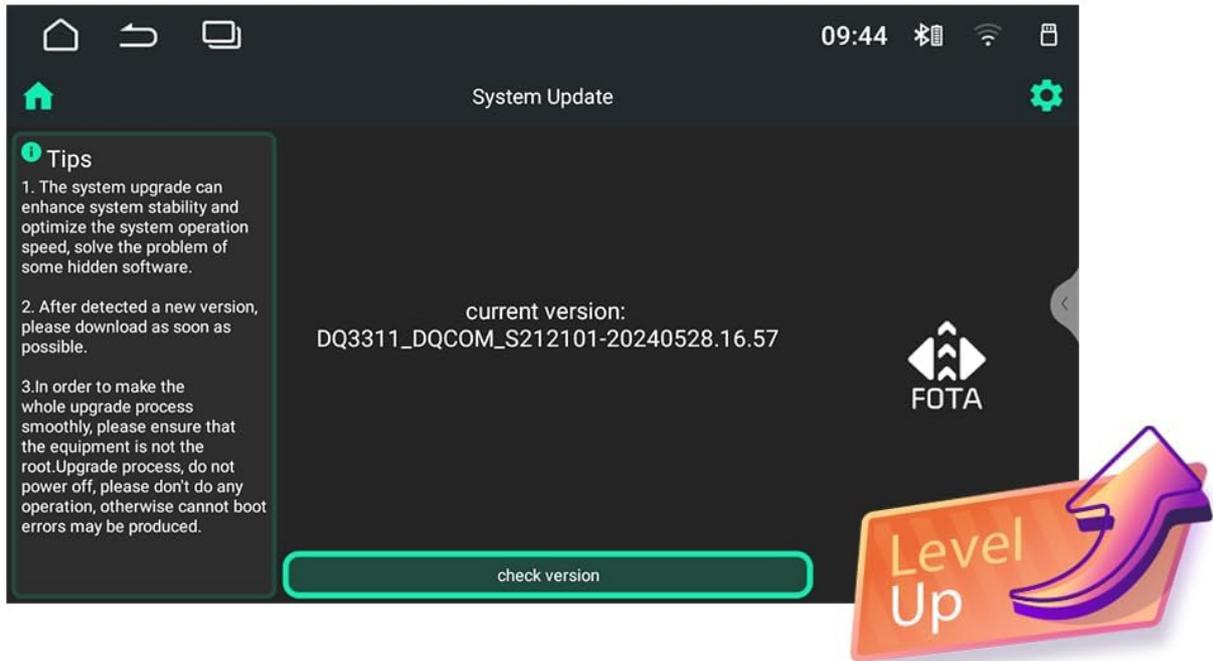
Figure 5.1: System software update screen.

6. TROUBLESHOOTING

If you encounter issues with your AMASE AUDIO car radio, please refer to the following common troubleshooting steps:

- **No Power:** Ensure all power cables are securely connected. Check the vehicle's fuse box for any blown fuses.
- **No Sound:** Verify speaker connections. If your car has a fiber optic, Bose, or Harman Kardon system, confirm that the necessary decoder box or extended cable is correctly installed and functioning.
- **GPS Signal Issues:** Ensure the GPS antenna is properly installed and has a clear line of sight to the sky.
- **Bluetooth/WiFi Connectivity Problems:** Check that Bluetooth and WiFi are enabled on both the car radio and your device. Try restarting both devices.
- **Touchscreen Unresponsive:** Perform a system reset (refer to the device settings for the reset option).
- **Steering Wheel Controls Not Working:** Ensure the Canbus decoder is correctly connected and configured. Some vehicles may require manual mapping of controls in the system settings.

For persistent issues or complex problems, please contact AMASE AUDIO customer support for assistance.

7. SPECIFICATIONS

Feature	Detail
Operating System	Real Android 14
Processor	Octa-Core
Memory (RAM)	4GB
Storage (ROM)	64GB
Display Size	7 Inches
Display Resolution	1024 x 600
Wireless Connectivity	2.4GHz WiFi, Bluetooth 5.0, 4G Cellular Network Support
Navigation	Built-in Google Maps, Worldwide Map Type
Audio Features	Built-in DSP, 32-Band Equalizer
Smartphone Integration	Wireless Apple Carplay, Wireless Android Auto
Video Playback	1080p Support
Included Components	Rear Camera
Mounting Type	Dashboard Mount
Product Dimensions	10.47 x 7.32 x 4.92 inches
Item Weight	3.3 pounds

8. WARRANTY AND SUPPORT

8.1. Product Warranty

This AMASE AUDIO product comes with a **one-year warranty**. This warranty covers defects in materials and workmanship, excluding the screen if human-damaged. For warranty claims, please retain your proof of purchase.

8.2. Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact AMASE AUDIO customer support. Refer to the contact information provided with your product packaging or visit the official AMASE AUDIO website for support details.