Uckazy NTG 4.0 System 4+64G

Uckazy 12.3 Inch Android 14 Car Radio User Manual

Model: NTG 4.0 System 4+64G for Mercedes-Benz GLK-Class X204 (2008-2012)

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Uckazy 12.3 Inch Android 14 Car Radio. Designed specifically for Mercedes-Benz GLK-Class X204 models from 2008-2012 with the NTG4.0 System, this unit enhances your vehicle's infotainment capabilities with modern features like wireless Apple CarPlay and Android Auto. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. Safety Information

- **Professional Installation Recommended:** Due to the complexity of vehicle electrical systems, professional installation is highly recommended to prevent damage to the unit or your vehicle.
- **Power Disconnection:** Always disconnect the vehicle's battery before performing any installation or wiring work.
- **Wiring:** Ensure all wiring is correctly connected according to the provided diagrams. Incorrect wiring can cause malfunctions or damage.
- **Driving Safety:** Do not operate the unit in a way that distracts you from driving. Always prioritize road safety.
- **Ventilation:** Ensure the unit has adequate ventilation to prevent overheating.

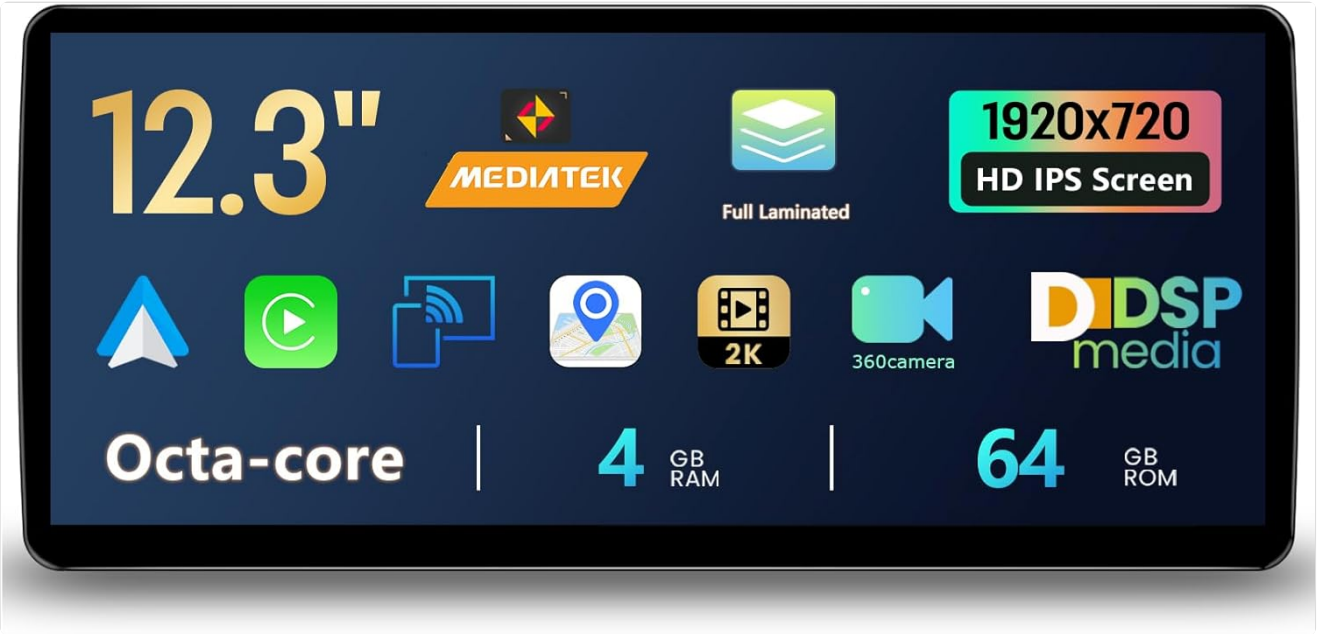
3. Package Contents

Please check that all items are present in the package:

- Uckazy 12.3 Inch Android 14 Car Radio Display Unit
- Power Harness
- GPS Antenna
- USB Cables
- Auxiliary Input Cable
- Installation Tools (if included)
- User Manual (this document)

4. Product Overview

The Uckazy 12.3 Inch Android 14 Car Radio is designed to integrate seamlessly with your Mercedes-Benz GLK-Class X204, offering a significant upgrade to your in-car entertainment and navigation system.



This image displays the key technical specifications and features of the Uckazy 12.3 Inch Android 14 Car Radio. It highlights the 12.3-inch HD IPS screen with 1920x720 resolution, an Octa-core MediaTek processor, 4GB RAM, 64GB ROM, full lamination technology, 2K video support, 360-camera compatibility, and integrated DSP media.

Key Features:

- **Display:** 12.3-inch HD (1920*720) IN-CELL screen with full lamination technology for enhanced clarity and reduced reflection.
- **Compatibility:** Specifically designed for Mercedes-Benz GLK-Class X204 (2008-2012) NTG4.0 System.
- **Connectivity:** Supports wireless (wired) Apple CarPlay, wireless (wired) Android Auto, wireless MirrorLink for iOS and Android phones, Bluetooth, and Wi-Fi.
- **Audio:** Built-in DSP with 16 EQ segments for detailed sound customization and improved audio quality.
- **System Integration:** Retains original iDrive system control and functions, allowing seamless switching between original and Android systems.
- **User Interface:** Features new XTRONS series UI with 1 Day/Night switch mode and 6 classic UI sets.
- **Processor & Memory:** Octa-core processor, 4GB RAM, 64GB ROM.

5. Setup and Installation

This unit is designed for plug-and-play installation in compatible Mercedes-Benz GLK-Class X204 (2008-2012) vehicles with the NTG4.0 System. If you are uncertain about your vehicle's compatibility, please contact Uckazy customer support before proceeding.

General Installation Steps:

1. **Prepare the Vehicle:** Disconnect the negative terminal of the vehicle's battery to prevent electrical shorts.
2. **Remove Original Unit:** Carefully remove the existing car radio or display unit from the dashboard. Refer to your vehicle's service manual for specific instructions on panel removal.

3. **Connect Wiring Harness:** Connect the provided power harness to the vehicle's wiring. Ensure all connections are secure.
4. **Connect Antennas and Cables:** Connect the GPS antenna, USB cables, and any other auxiliary input cables to the new Android unit. Route cables neatly to avoid interference.
5. **Mount the Unit:** Securely mount the Uckazy 12.3 Inch Android 14 Car Radio into the dashboard opening.
6. **Test Functionality:** Reconnect the vehicle's battery. Turn on the ignition and test the basic functions of the unit (power, audio, touch screen, original system integration).
7. **Reassemble Dashboard:** Once confirmed working, carefully reassemble the dashboard panels.

Important: The unit is designed to retain the original iDrive system control. Ensure proper connection to maintain full functionality of your vehicle's original system alongside the new Android system.

6. Operating Instructions

6.1 Basic Operation

- **Power On/Off:** The unit typically powers on and off with the vehicle's ignition.
- **Touchscreen Control:** Navigate the Android interface by touching and swiping the screen.
- **Volume Control:** Use the vehicle's steering wheel controls or the original iDrive controller for volume adjustment.
- **System Switching:** Access the original Mercedes-Benz system or the Android system via dedicated icons or controls on the screen.

6.2 Wireless Apple CarPlay / Android Auto

1. Ensure Bluetooth and Wi-Fi are enabled on your smartphone and the car radio.
2. On the car radio, select the CarPlay or Android Auto application.
3. Follow the on-screen prompts to pair your phone. For wireless connection, your phone will typically connect via Bluetooth first, then switch to Wi-Fi for data transfer.
4. Once connected, you can access navigation, phone contacts, messages, music, and voice assistants (Siri/Google Voice) directly from the car radio display.

6.3 Bluetooth Connectivity

1. Go to the Bluetooth settings on the Android unit.
2. Enable Bluetooth and make the unit discoverable.
3. On your smartphone, search for available Bluetooth devices and select the Uckazy unit.
4. Confirm the pairing code on both devices.
5. Once paired, you can make hands-free calls and stream audio.

6.4 Wi-Fi and Internet Access

Connect the unit to a Wi-Fi hotspot (e.g., from your smartphone or a dedicated car hotspot) to access online features, download apps, and stream content.

1. Navigate to the Wi-Fi settings on the Android unit.
2. Select your desired Wi-Fi network from the list.
3. Enter the password if prompted and connect.

6.5 Digital Sound Processor (DSP)

The built-in DSP with 16 EQ segments allows for advanced audio customization. Access the DSP settings through the audio or sound application on the unit.

- Adjust individual EQ bands to fine-tune the sound to your preference.
- Utilize preset EQ modes for quick sound adjustments.
- Adjust speaker positioning and balance (fader/balance) for optimal sound staging.

7. Maintenance

- **Screen Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner specifically designed for electronics. Do not use abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates provided by Uckazy to ensure optimal performance and access to new features. Follow the instructions provided with the update.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme heat or cold for prolonged periods, as this can affect its performance and lifespan.
- **Cable Management:** Ensure all cables are securely connected and not pinched or damaged.

8. Troubleshooting

If you encounter issues with your Uckazy car radio, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, incorrect wiring.	Check power harness connections. Inspect vehicle fuses. Verify wiring against diagram.
No sound from speakers.	Incorrect speaker wiring, volume too low, mute activated, incorrect audio source.	Check speaker connections. Increase volume. Disable mute. Select correct audio source.
Touchscreen unresponsive.	Software glitch, temporary freeze.	Restart the unit (turn vehicle ignition off and on). If issue persists, perform a factory reset (refer to settings menu).
CarPlay/Android Auto not connecting.	Bluetooth/Wi-Fi off, phone not paired, app issues.	Ensure Bluetooth and Wi-Fi are on for both devices. Re-pair phone. Restart phone and unit.
Original iDrive system not working.	Incorrect wiring for iDrive retention.	Verify all connections related to the original system integration. Consult a professional installer.

If the problem persists after attempting these solutions, please contact Uckazy customer support for further assistance.

9. Specifications

Feature	Specification

Feature	Specification
Model	NTG 4.0 System 4+64G
Screen Size	12.3 Inches
Display Resolution	1920x720 HD IPS
Operating System	Android 14
Processor	Octa-core (MediaTek)
RAM	4GB
ROM (Internal Storage)	64GB
Connectivity Technology	Bluetooth, Wi-Fi
Special Features	Touchscreen, Wireless CarPlay/Android Auto, Built-in DSP, MirrorLink
Compatible Devices	Smartphone
Item Weight	3.4 pounds
Manufacturer	Uckazy

10. Warranty and Support

Uckazy products are manufactured to high-quality standards. For warranty information, including duration and coverage details, please refer to the product's purchase page or contact Uckazy customer support directly.

Customer Support:

- For technical assistance, troubleshooting, or warranty claims, please visit the official Uckazy website or contact their customer service department.
- When contacting support, please have your product model (NTG 4.0 System 4+64G) and purchase information readily available.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question