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Uckazy ML GL X164

Uckazy Android 13 Car Stereo User Manual

Model: ML GL X164 | Compatible with Mercedes-Benz ML GL ML350 GL320 (2005-2009)

Brand: Uckazy

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Uckazy Android 13 Car Stereo. Please read this manual thoroughly before installation and use to ensure proper function and to prevent damage. Keep this manual for future reference.

2. Safety Information

- Always prioritize safe driving. Do not operate the device in a way that distracts you from the road.
- Ensure all wiring is correctly connected to prevent short circuits or electrical hazards.
- Consult a professional for installation if you are unsure about any steps.
- Do not attempt to disassemble or modify the unit. This may void the warranty and cause damage.
- Keep the unit away from water and excessive moisture.

3. Package Contents

Verify that all items are present in the package before proceeding with installation:

- 9 Inch Android Screen
- Plug and Play Power Cable and Canbus
- USB/RCA Cable
- Microphone and Reverse camera
- Installation tools and touch pens



Image: The Uckazy Android Car Stereo unit displayed with its various included accessories, such as cables, microphone, and installation tools.

4. Setup and Installation

4.1 Pre-Installation Considerations

This unit is designed for plug-and-play installation in Mercedes-Benz ML GL Class vehicles from 2005-2012. However, specific attention is required for vehicles with factory amplifier systems.

- **Fiber Optic Decoder:** If your original car is equipped with a navigation or amplifier system (e.g., JBL, BOSE, Harman Kardon), you **must** purchase an additional fiber optic decoder. Without this decoder, the stereo will not produce sound.
- **Battery for Clock:** Due to shipping regulations, the clock battery is not included. You will need to purchase and install it separately if required for specific clock functions.

4.2 Installation Steps (General)

1. Carefully remove your existing car stereo unit from the dashboard. Refer to your vehicle's specific service manual for detailed removal instructions.
2. Connect the provided Plug and Play Power Cable and Canbus to the vehicle's wiring harness. Ensure all connections are secure.
3. Connect the GPS antenna, USB/RCA cables, microphone, and reverse camera (if applicable) to the corresponding ports on the new Android screen.
4. If a fiber optic decoder is required, install it according to its specific instructions.
5. Carefully slide the new Uckazy Android screen into the dashboard opening.
6. Secure the unit in place using the appropriate mounting hardware.
7. Test all functions (power, sound, touch screen, navigation, camera) before fully reassembling the dashboard trim.



Image: A comparison showing the original car stereo unit (top) and the Uckazy Android stereo installed in the dashboard (bottom), highlighting the visual upgrade.



Image: The Uckazy car stereo seamlessly integrated into the dashboard of a Mercedes Benz ML vehicle, showcasing its fit and appearance.

5. Operating Instructions

5.1 Basic Functions

- **Power On/Off:** The unit typically powers on with the vehicle's ignition. A power button or long-press on the volume knob may also control power.
- **Volume Control:** Adjust volume using the physical knob on the unit or steering wheel controls.
- **Touch Screen:** The multi-point touch capacitive screen allows for intuitive navigation through menus and applications.

5.2 Android 13 Interface

The stereo runs on Android 13, providing a familiar smartphone-like experience. Navigate through apps, settings, and features using the touch screen.



Image: The main screen of the Uckazy Android 13 car stereo, showing a grid of application icons including Phone, Spotify, Messages, and YouTube Music.

5.3 Apple CarPlay and Android Auto

The unit supports both wireless and wired Apple CarPlay and Android Auto. This allows seamless integration of your smartphone for navigation, communication, and entertainment.

- **Connection:** Connect your iOS or Android phone wirelessly via Bluetooth/Wi-Fi or using a USB cable.
- **Features:** Access map navigation, phone contacts, email, notifications, and music directly from your phone's interface on the stereo screen.



Image: Demonstrates the wireless Apple CarPlay and Android Auto features, showing smartphone screens mirrored on the car stereo display.

5.4 Navigation

The stereo features built-in GPS with pre-loaded North American maps. You can also use navigation apps via CarPlay or Android Auto.

- **Built-in GPS:** Provides reliable navigation without requiring a smartphone connection.
- **Map Updates:** Check the system settings or manufacturer's website for information on map updates.



Image: The car stereo display showing a GPS navigation map with multiple location pins, indicating active navigation.

5.5 Bluetooth 5.0

Connect your smartphone or other Bluetooth-enabled devices for hands-free calling and audio streaming.

- **Pairing:** Go to the Bluetooth settings on the stereo and your device to pair them.
- **Hands-Free Calling:** Make and receive calls directly through the stereo.
- **Audio Streaming:** Play music and other audio from your device wirelessly.



Image: A smartphone wirelessly connected to the car stereo via Bluetooth 5.0, with a Bluetooth icon and signal waves illustrating the connection.

5.6 Voice Control

Utilize voice commands for various functions, enhancing safety and convenience while driving.

- **Activation:** Activate voice assistant (Siri or Google Voice Assistant) through a dedicated button or voice command.
- **Commands:** Use commands like "Navigate to [destination]", "Play [song/artist]", or "Call [contact]".



Image: The car stereo display with a central voice control icon, surrounded by text bubbles indicating common voice commands such as 'Play music', 'Call number', and 'Navigation'.

5.7 Multimedia and Audio

- **Video Playback:** Supports 1080P video playback on the IPS 1280*720 high-resolution screen.
- **Music Playback:** Enjoy lossless music playback with multiple sound effect options.
- **DSP 16-band EQ:** Customize your audio experience with the built-in Digital Sound Processor and P2BASS amplifier chip for enhanced bass.
- **AM/FM Radio:** Access local radio stations.



Image: The car stereo display showing the AM/FM radio interface with frequency tuning and equalizer settings.

5.8 Split Screen and Multitasking

The unit supports split-screen functionality, allowing you to run two applications simultaneously, such as navigation and music playback.



Image: The car stereo display showing a split screen, with navigation on one side and a media player on the other, demonstrating multitasking capability.

5.9 App Store

Access the Google Play Store to download and install additional applications, expanding the functionality of your car stereo.



Image: A graphic representation of the Google Play Store icon surrounded by various social media and entertainment app logos, indicating access to a wide range of applications.

5.10 Steering Wheel Control

The unit supports integration with your vehicle's existing steering wheel controls for convenient operation of audio and other functions.



Image: A hand pressing buttons on a car's steering wheel, with a circular overlay highlighting the steering wheel control functionality of the stereo.

5.11 Rear Reversing Camera

The included rear reversing camera provides a clear view behind your vehicle, automatically activating when shifting into reverse gear.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates to ensure optimal performance and access to new features. Updates can usually be found in the system settings or on the manufacturer's website.
- **Temperature:** Avoid exposing the unit to extreme temperatures for prolonged periods.

7. Troubleshooting

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

- **No Sound Output:**
  - **Check Fiber Optic Decoder:** If your vehicle has a factory amplifier (JBL, BOSE, Harman Kardon), ensure a fiber optic decoder is correctly installed. Without it, there will be no sound.
  - **Volume Level:** Verify the volume is not muted or set to minimum.
  - **Wiring:** Check all audio connections for proper seating.
- **Intermittent Volume / Volume Not Working:**
  - **Software Glitch:** Try restarting the unit. If the issue persists, a factory reset (refer to system settings) might be necessary.
  - **Wiring:** Inspect the power and audio wiring for any loose connections or damage.
- **Slow Response / Freezing:**
  - **Reset Button:** Locate the small reset button (often recessed) and press it with a thin object (e.g., a paperclip) to restart the system.
  - **Too Many Apps:** Close unnecessary background applications.
  - **Software Update:** Ensure the system software is up to date.
- **CarPlay / Android Auto Not Recognizing Device:**

- **Cable Connection:** If using a wired connection, try a different USB cable. Ensure it is a data-transfer cable, not just a charging cable.
- **Wireless Settings:** Verify Bluetooth and Wi-Fi are enabled on both the stereo and your phone. Ensure proper pairing.
- **Phone Settings:** Check your phone's settings for CarPlay/Android Auto permissions.

- **Radio Interference / Background Noise:**
  - **Antenna Connection:** Ensure the radio antenna is securely connected.
  - **Grounding:** Check the unit's grounding connection.

If these steps do not resolve the issue, please contact Uckazy customer support for further assistance.

8. Specifications

Feature	Specification
Operating System	Android 13
Processor	MTK Android Quad Core
Display Size	9 Inches
Screen Resolution	IPS 1280*720
Connectivity	Bluetooth 5.0, USB, Wi-Fi
Navigation	Built-in GPS with North American Map
Special Features	Wireless/Wired Apple CarPlay, Wireless/Wired Android Auto, Touchscreen, DSP 16-band EQ, P2BASS, Rear Reversing Camera Support
Video Playback	Supports 1080P videos
Item Weight	3.65 pounds
Package Dimensions	11.8 x 7.88 x 4.72 inches
Mounting Type	Dashboard Mount
Audio Output Mode	Stereo

9. Warranty Information

The Uckazy Android 13 Car Stereo comes with a**1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.
Please retain your proof of purchase for warranty claims.

10. Customer Support

For technical assistance, warranty claims, or any questions regarding your Uckazy car stereo, please contact Uckazy customer support through the retailer where the product was purchased or visit the official Uckazy brand store online.
Online Store: Uckazy Store on Amazon

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