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› Uckazy 8.9 Inch CarPlay Android Auto Car Stereo for BMW 3 5 Series E60 E61 E63 E64 E90 E91 E92 E93 CCC (2005-2008) with Reverse Camera

Uckazy Linux CCC With Camera

Uckazy 8.9 Inch CarPlay Android Auto Car Stereo User Manual

Model: Linux CCC With Camera

Brand: Uckazy

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Uckazy 8.9 Inch CarPlay Android Auto Car Stereo. This unit is designed to upgrade your vehicle's infotainment system while retaining original car functions. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. COMPATIBLE MODELS & YEAR

This car stereo is specifically designed for the following BMW models with a CCC system:

- **BMW 3 Series:** E90, E91, E92, E93 (2005-2008)
- **BMW 5 Series:** E60, E61, E63, E64 (2005-2008)

Important Note: Before purchase and installation, verify that your vehicle is equipped with the CCC (Car Communication Computer) system. This unit is not compatible with CIC (Car Information Computer) systems. The CCC system typically features a 10-pin LVDS port, while the CIC system uses a 4-pin LVDS port.

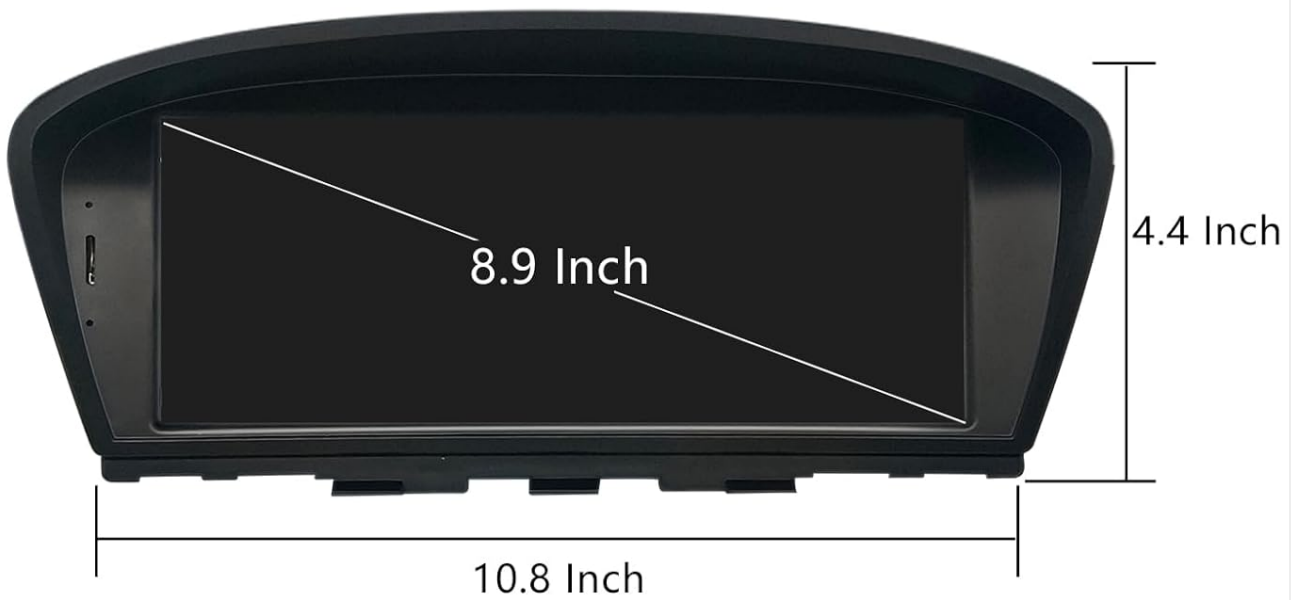


This image illustrates the compatible BMW 3 and 5 Series models and years. It also highlights the difference between CCC (10-pin LVDS) and CIC (4-pin LVDS) systems, which is crucial for compatibility.

3. WHAT'S IN THE BOX

Carefully unpack the box and ensure all items are present:

- 8.9 Inch Touch Screen Display
- Plug and Play Power Cable
- USB Cable
- AUX Cable
- Installation Tools (plastic crowbars, touch pen)
- Reverse Camera (for 'Linux CCC With Camera' model)



USB cable



Power cable



Install tools
Touch pen



Camera

This image displays the main 8.9-inch touch screen unit along with its physical dimensions and the various cables and tools included in the package, such as the USB cable, power cable, installation tools, and the reverse camera.

4. KEY FEATURES

- **Dual System Integration:** Seamlessly switch between the new Linux system and your original BMW car system with a single click.
- **High-Resolution Display:** Features an 8.9-inch HD (1920x720) IN-CELL screen with full lamination technology for clearer images, higher color brightness, and a wide 178-degree viewing angle.
- **Wireless Connectivity:** Supports wireless and wired Apple CarPlay, wireless and wired Android Auto, and wireless Mirrorlink for iOS and Android phones.
- **Enhanced Audio:** Built-in DSP (Digital Signal Processor) with 16 EQ segments for customizable sound.
- **Original Car Function Retention:** Maintains original car radio, amplifier function, factory steering wheel controls, iDrive controller, display of speed, fuel level, oil pressure, safety warnings, and original reverse camera compatibility.
- **AHD720P Reverse Camera:** Includes a reverse camera with built-in trajectory, pure glass lens, 100% IP6 waterproof

rating, and night vision support (image refresh rate 25Hz).

The 1920*720 IPS screen has clearer images, higher color brightness, and a wide viewing angle, up to 178 degrees, making the display effect even more outstanding



Approximately 628,800 pixels
Widely used in the industry

VS



Multi point capacitive touch,
1.368000 pixels - achieving
approximately 120% luminescence
through photon recombination

This image showcases the product's main features, including its ability to integrate with the OEM car radio, support for CarPlay, Android Auto, Mirrorlink, Bluetooth, reverse camera, touch screen functionality, music playback, Linux system, video playback, phone calls, and messaging.

Compatible Models & Year

For BMW 3 Series E90 E91 E92 E93 (2005-2008)

For BMW 5 Series E60 E61 E63 E64 (2005-2008)

Note :

Before you purchase , please make sure your car system is CCC system firstly .If you can't make sure by yourself, you can get help from us.



10pin LVDS Port
CCC System



4pin LVDS Port
CIC System

This image provides a visual comparison of the car's dashboard before and after the installation of the 8.9-inch display, demonstrating the significant upgrade in interface and functionality.

5. SETUP & INSTALLATION

Installation of this unit requires careful attention to wiring and removal of existing components. Professional installation is recommended if you are not familiar with car audio system installations.

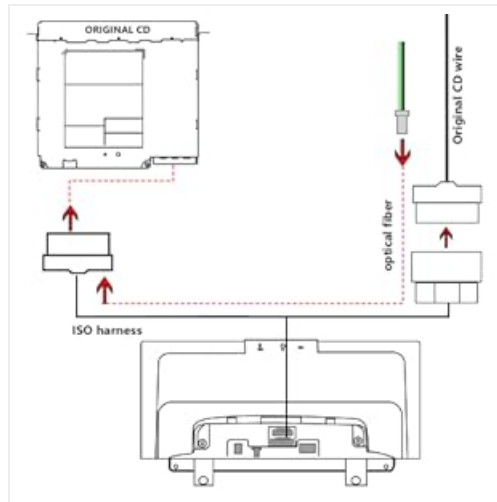
5.1 Pre-Installation Checks

- Confirm your BMW model and year are compatible (CCC system only).
- Ensure the vehicle's battery is disconnected before starting any electrical work.
- Gather necessary tools, including the provided installation tools.

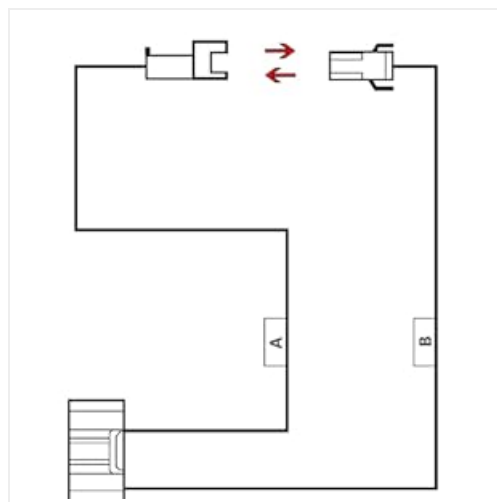
5.2 Wiring Connections

The unit comes with a plug-and-play power cable. However, specific attention is required for the audio connection.

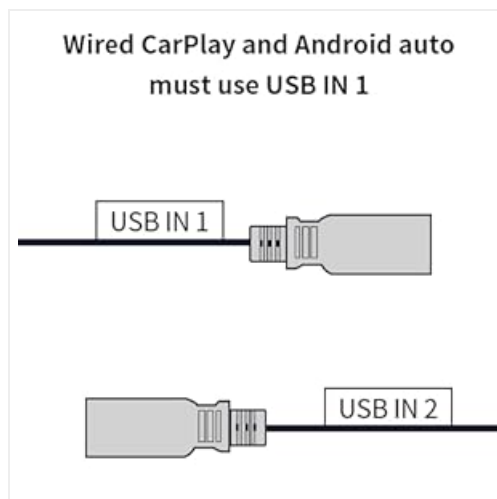
- **Power Cable:** Connect the provided plug-and-play power cable to the vehicle's harness.
- **AUX Audio Connection:** For audio output, the original green wire from the factory wiring harness (which connects the AUX plug under the armrest to the car's radio) must be removed from the OEM harness and inserted into the designated slot on the new wiring harness. Failure to do so will result in no audio output from the new unit.
- **USB Connection:** For wired CarPlay/Android Auto functionality, use the USB IN 1 port.
- **Reverse Camera:** Connect the AHD720P reverse camera as per the wiring diagram.



This wiring diagram illustrates the various connections for the car stereo unit, including power, audio, and video inputs, to guide the installation process.



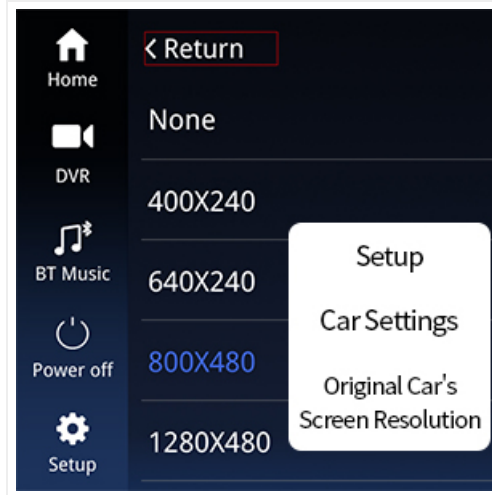
This diagram details the connection of the original CD wire and optical fiber to the new ISO harness, which is essential for retaining original car functions.



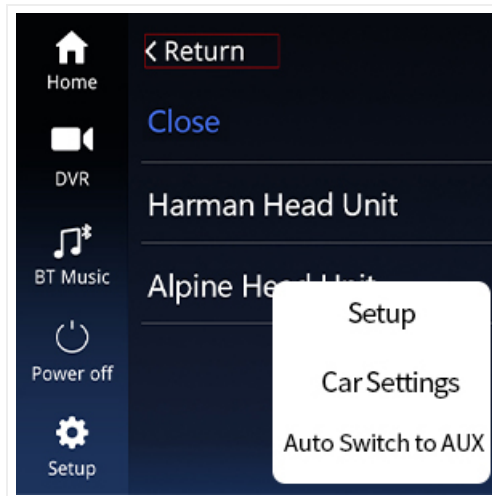
This diagram specifies that for wired CarPlay and Android Auto functionality, the connection must be made to the USB IN 1 port.

5.3 Post-Installation Settings

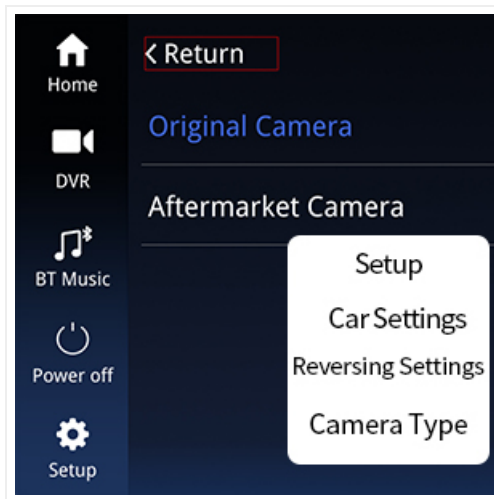
- **Screen Resolution:** Access the settings menu to adjust the screen resolution to match your original car's display (e.g., 800x480, 1280x480).
- **AUX Setting:** Ensure the AUX setting is correctly configured to enable audio output. You may need to enable 'Auto Switch to AUX' in the settings.
- **Camera Settings:** Configure the camera type (Original Camera or Aftermarket Camera) and other reversing settings if applicable.



This image shows the screen resolution settings, allowing users to select the appropriate resolution for their vehicle's original display.



This image displays the AUX settings menu, where users can configure audio input options, including an 'Auto Switch to AUX' feature.

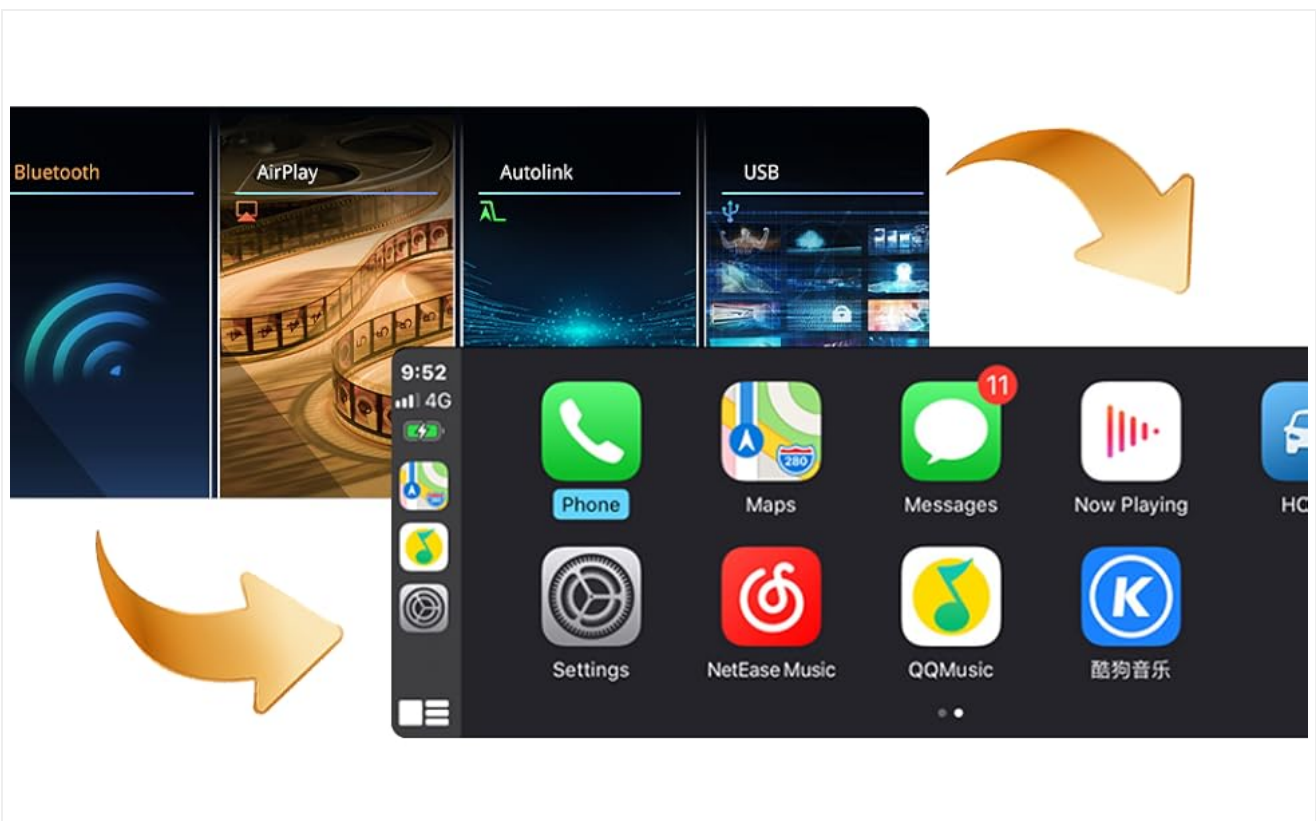


This image illustrates the camera settings menu, providing options to select between the original car camera or an aftermarket camera, and other related reversing settings.

6. OPERATING INSTRUCTIONS

6.1 Switching Between Systems

The unit allows for a one-click switch between the new Linux system (with CarPlay/Android Auto) and your original BMW car system. Locate the designated button or on-screen icon to toggle between the two interfaces.



This image demonstrates the dual system capability, allowing users to easily switch between the new Linux-based interface and the original BMW car system.

6.2 CarPlay & Android Auto

Connect your smartphone wirelessly or via USB to access Apple CarPlay or Android Auto. This allows for navigation, phone calls, messages, and music playback through the car's display.

- **Wireless Connection:** Enable Bluetooth and Wi-Fi on your smartphone and connect to the unit. Follow on-screen

prompts to initiate CarPlay or Android Auto.

- **Wired Connection:** Connect your smartphone to the USB IN 1 port using a compatible USB cable.
- **Voice Control:** Use Siri (for CarPlay) or Google Voice Assistant (for Android Auto) for hands-free operation.

**For BMW 3 Series E90 E91 E92 E93 (2005-2008)
For BMW 5 Series E60 E61 E63 E64 (2005-2008)CCC**



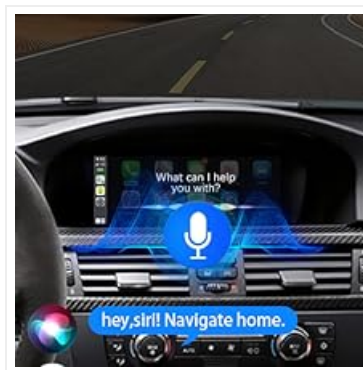
This image illustrates the Apple CarPlay interface displayed on the car stereo screen, with a smartphone connected, demonstrating seamless integration for navigation, communication, and entertainment.

Day And Night Mode

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



This image displays the Android Auto interface on the car stereo screen, with a smartphone connected, providing access to navigation, calls, and media for Android users.



This image highlights the voice control feature, allowing users to interact with the system hands-free for navigation, calls, and other functions.

6.3 Day and Night Mode

The unit features automatic light sensitivity, adjusting the display's brightness and mode (day/night) based on your car's original headlights to optimize visibility and reduce glare.

Support Wireless Carplay Android Auto

Allows Stereo to use Various Applications Such as Navigation
Music in driving Situations



This image demonstrates the automatic day and night mode feature, where the screen adjusts its brightness and color scheme according to the car's headlights for optimal visibility in varying light conditions.

6.4 Original Car System Controls

The unit retains compatibility with your BMW's original iDrive controller and steering wheel controls, allowing you to navigate the new system using familiar inputs.

- **iDrive Controller:** Use the original iDrive knob to navigate menus and select options on the new display.
- **Steering Wheel Controls:** Control audio playback, volume, and answer calls using your vehicle's steering wheel buttons.



This image shows the BMW iDrive controller, confirming its continued functionality with the installed car stereo for navigation and control.



This image displays a BMW steering wheel with its integrated control buttons, highlighting that these controls remain functional with the new car stereo system.

7. MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touch screen. For stubborn smudges, lightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check the manufacturer's website or contact support for any available software updates to ensure optimal performance and access to new features.
- **General Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No audio output from the new unit.	The original green AUX wire is not correctly connected to the new harness.	Ensure the original green AUX wire from the factory harness is removed and securely inserted into the new wiring harness. Check AUX settings in the unit to ensure 'Auto Switch to AUX' is enabled.
Display is blank or not turning on.	Power cable not connected properly; blown fuse; unit malfunction.	Check all power connections. Verify vehicle fuses. If problem persists, contact support.
CarPlay/Android Auto not connecting.	Incorrect USB port used; Bluetooth/Wi-Fi issues; phone compatibility.	Ensure USB IN 1 is used for wired connection. Verify phone's Bluetooth and Wi-Fi are on and connected. Restart phone and unit.

Problem	Possible Cause	Solution
Screen resolution appears incorrect.	Resolution setting does not match original car display.	Navigate to settings and adjust the screen resolution to match your original car's specifications (e.g., 800x480, 1280x480).
Original iDrive or steering wheel controls not working.	Incorrect wiring or software configuration.	Recheck wiring connections for the iDrive and steering wheel control modules. Ensure relevant settings are enabled in the unit's menu.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact Uckazy customer support for further assistance.

9. SPECIFICATIONS

Feature	Detail
Display Size	8.9 inches
Display Resolution	1920x720 (HD)
Operating System	Linux System
Connectivity Technology	Bluetooth, Wi-Fi, USB
Controller Type	Touchscreen, iPhone App, iDrive, Steering Wheel Controls
Special Feature	Touchscreen, Wireless CarPlay, Wireless Android Auto, Mirrorlink, DSP
Compatible Devices	Smartphone (iOS & Android)
Audio Output Mode	Stereo
Surround Sound Channel Configuration	2.0
Video Encoding	H.264, H.265/HEVC
Item Weight	3.72 pounds
Package Dimensions	15 x 7.2 x 6.65 inches

10. WARRANTY & SUPPORT

For warranty information, please refer to the product packaging or contact the seller directly. Uckazy provides customer support for technical assistance and troubleshooting.

- **Customer Service:** For any questions, installation guidance, or technical issues, please contact Uckazy customer support through the platform where you purchased the product.
- **Online Resources:** Check the Uckazy brand store or product page for additional resources, FAQs, or updated information.

