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Uckazy B0DRWS93XZ

Uckazy 12.3 Inch Car Radio Instruction Manual

FOR BMW 5 SERIES GT F07 (2009-2012) LINUX CIC SYSTEM

Model: B0DRWS93XZ

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Uckazy 12.3 Inch Car Radio. This device is specifically designed for BMW 5 Series GT F07 models from 2009-2012 with the original CIC System, offering an enhanced multimedia experience with features like Apple CarPlay and Android Auto.

2. Safety Information

- Ensure the vehicle's engine is off and the parking brake is engaged before beginning installation.
- Disconnect the vehicle's battery to prevent electrical shorts or damage during installation.
- Always use appropriate tools and follow all wiring diagrams carefully.
- If you are unsure about any step, consult a qualified professional.
- Do not operate the device in a manner that distracts you from driving. Always prioritize road safety.

3. Package Contents

Verify that all items are present in the package:

- Ultra narrow 12.3" in-cell display screen
- Frame
- Plug and play power Cable
- USB/AUX/RCA Cable
- Installation tools and touch pen



Image Description: This image displays the complete package contents. It shows the 12.3-inch ultra-narrow display screen, a USB cable, an AUX cable, a power cable, and a set of installation tools including a touch pen. These are the essential components for setting up the car radio system.

4. Setup and Installation

This device is designed for plug-and-play installation in BMW 5 Series F07 GT (2009-2012) Original CIC Systems. If you are unsure about compatibility, please contact customer support.

4.1. Compatibility Check



Image Description: This image illustrates the compatibility of the car radio with BMW 5 Series GT F07 models from 2009-2012. It highlights the requirement for an original CIC System, identifiable by a 4-pin LVDS port, and contrasts it with an incompatible NBT System (6-pin LVDS port).

4.2. Wiring Connections

Carefully review and accurately link all wires according to the provided definitions:

- **A:** 360-DET
- **B:** ACC-OUT
- **C:** Rear-Camera-PWR
- **D:** GND

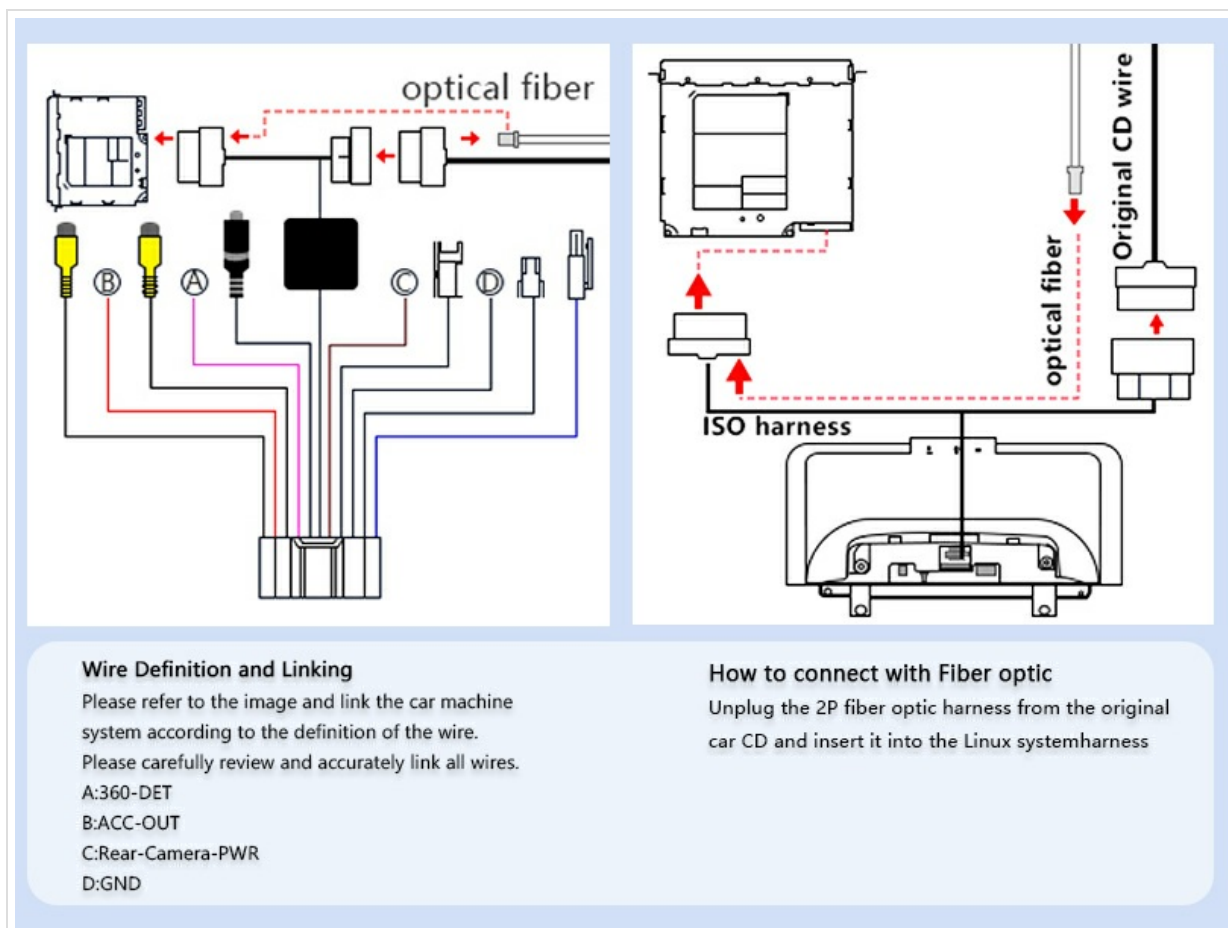


Image Description: This diagram shows the wire definitions and linking instructions for the car radio system. It details connections for power, camera, and optical fiber, emphasizing careful and accurate wiring.

4.3. Optical Fiber Cable Transfer (if applicable)

If your original car CD has an optical fiber cable, you need to transfer it to the Linux system harness. This is crucial for sound functionality.

Your browser does not support the video tag.

Video Description: This video demonstrates how to transfer optical fiber cables from the original car CD unit to the new Linux system harness. This step is essential for ensuring sound functionality if your vehicle uses an optical fiber audio system.

4.4. AUX Connection for Sound

To ensure proper sound output, connect the AUX cable. If there is still no sound after initial setup, ensure the AUX harness is correctly connected and the AUX input is selected in your original car system.

How connect with wired carplay/android auto
 USB1 is a data link, USB2 is a read storage link.
 If you need to link CarPlay or Android Auto, please link to UsB1.

must use USB IN 1

USB IN 1

USB IN 2

If there is any noise in the sound
 If the Sound of the carplay or android auto is distorted (noise), you need connect with AB

Image Description: This image shows the location of the AUX input in the car's center console and guides the user to the 'Auto Switch to AUX' setting within the car's menu. It emphasizes plugging in the stock AUX and turning off the auto-switching setting for proper audio.

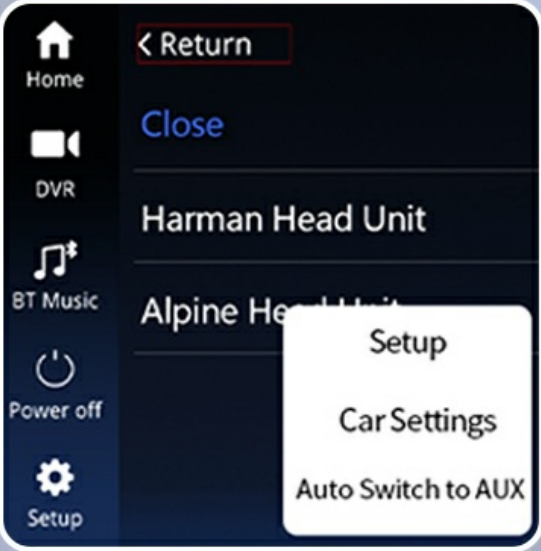
Your browser does not support the video tag.

Video Description: This video provides a step-by-step guide on how to fix a 'no sound' issue. It covers checking OEM system settings, disconnecting original Bluetooth, and ensuring the AUX input is correctly selected and connected.

4.5. OEM Resolution Settings


To ensure the original car information is displayed correctly, set the OEM resolution in the car settings. Select the correct resolution for your OEM display.

Automatic switch to AUX




Refer to image setup> car settings>auto switch to aux>select harman or alpine .


Manual AUX Setting Method




1: Go to "Main menu" and select "Multimedia"



2: Then select "External devices"



3: We long press the number key "8", when we hear the tone ringing, we are set!



4: Press 8 every time before entering the new system, You'll get the carPlay sound.

Image Description: This image illustrates the process of setting the OEM resolution and camera type within the car radio's setup menu. It advises users to select the correct resolution for OEM displays and the appropriate camera option (original or aftermarket) to prevent display issues.

Your browser does not support the video tag.

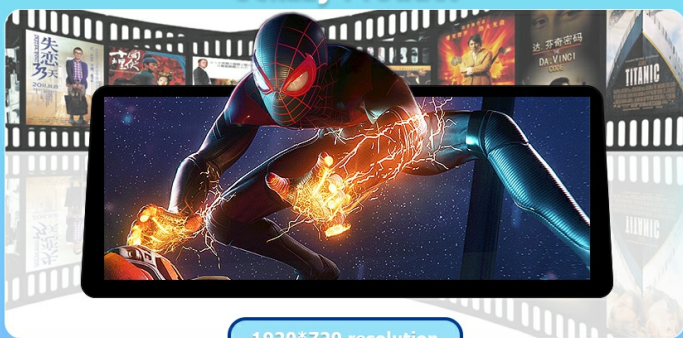
Video Description: This video demonstrates how to set the OEM resolution for the car radio display. It guides the user through the setup menu to select the correct resolution to ensure proper display of original car information.

5. Operating Instructions

5.1. Dual System Switching

The device supports a dual system, allowing one-click switching between the Linux system and the original car system. This retains all original functions while adding new features.

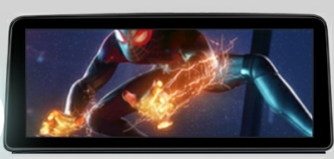
Uckazy Product



- ✓ Screen picture is clearer
- ✓ Ultra Narrow screen
- ✓ In-cell screen

Other Products

1280*480 resolution



- ✗ Screen blur
- ✗ Bezel too wide
- ✗ Screen gap

Image Description: This image visually explains the one-click switching functionality between the original car's CCC system and the newly

installed Linux system, demonstrating seamless integration.

5.2. Wireless CarPlay and Android Auto

The system supports wireless (and wired) Apple CarPlay and Android Auto, as well as wireless MirrorLink for iOS and Android phones. Access navigation, contacts, messages, music, and voice assistants like Siri or Google Voice Assistant.

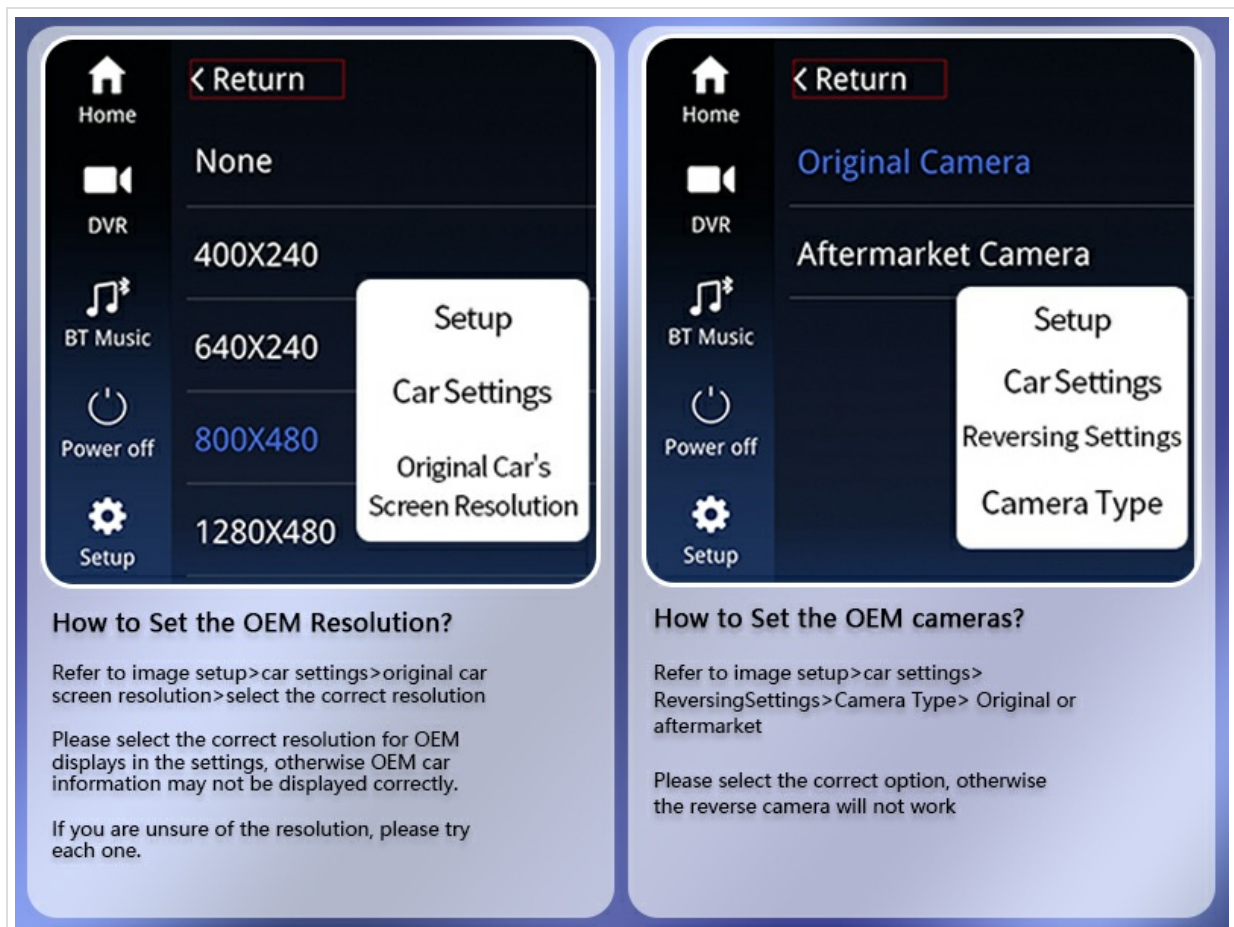


Image Description: This image displays the CarPlay interface, highlighting navigation, music playback, and messaging features. It also shows the voice assistant prompts for Siri and Google Voice Assistant, emphasizing hands-free operation.

First make sure to plug in the stock AUX
(in the manual gear position or in the passenger side storage box),
then go to settings and turn off the AUX auto switching setting



AUX

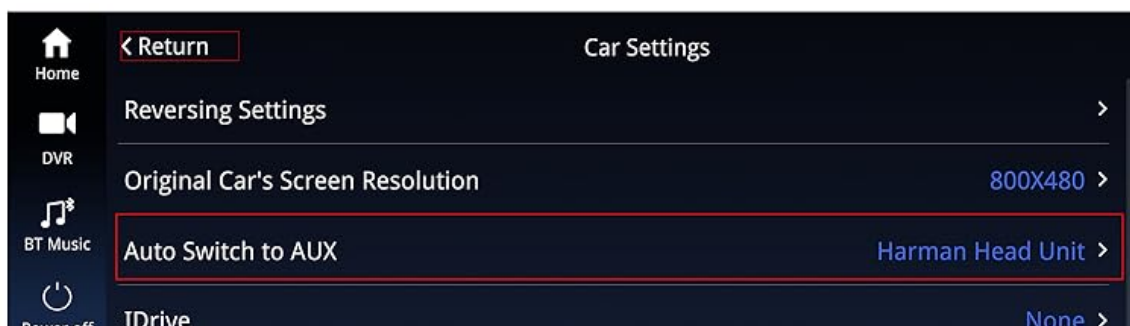


Image Description: This image shows the main interface of the Linux operating system, presenting options for 'OEM Car Info', 'CarPlay', 'Android Auto', and 'HiCar'. It provides a visual overview of the system's primary functions.

Your browser does not support the video tag.

Video Description: This video provides a product overview for the Linux System 12.3 inch screen, demonstrating its features and user interface. It showcases the system's capabilities and design.

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Video Description: This video demonstrates the product's operating system display, showing how to navigate through various functions and features of the Linux-based car radio.

Your browser does not support the video tag.

Video Description: This short preview video demonstrates the wireless CarPlay connection process on the Linux system. It shows the steps to connect a smartphone via Bluetooth for CarPlay functionality.

5.3. Digital Sound Processor (DSP)

The built-in DSP with 16 EQ segments allows for various tuning methods to create optimal sound quality. Adjust the overall sound quality and speaker positioning to suit personal preferences.

6. Maintenance

- Keep the screen clean using a soft, dry cloth. Avoid abrasive cleaners.
- Ensure all connections remain secure. Periodically check for loose cables.
- Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.

7. Troubleshooting

7.1. No Sound Issue

If you experience no sound, ensure the AUX connection is correct and the original car's Bluetooth is disconnected from your phone. Also, check the optical fiber cable connection if applicable.

Your browser does not support the video tag.

Video Description: This video provides a step-by-step guide on how to fix a 'no sound' issue. It covers checking OEM system settings, disconnecting original Bluetooth, and ensuring the AUX input is correctly selected and connected.

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Video Description: This video demonstrates how to transfer optical fiber cables from the original car CD unit to the new Linux system harness. This step is essential for ensuring sound functionality if your vehicle uses an optical fiber audio system.

7.2. CarPlay Bluetooth Calling Issues

If you encounter issues with OEM Bluetooth calling in CarPlay, refer to the following video for guidance.

Your browser does not support the video tag.

Video Description: This video explains how to use the OEM Bluetooth for calling within CarPlay. It guides users through the necessary settings to ensure proper integration and functionality.

8. Specifications

Feature	Specification
Screen Size	12.3 Inches
Resolution	1920 x 720 (HD)
Operating System	Linux System
Special Feature	Touchscreen
Connectivity Technology	Bluetooth
Audio Output Mode	Stereo
Item Weight	3.69 pounds
Package Dimensions	15.12 x 7.32 x 6.77 inches

9. Warranty and Support

For any installation issues, sound problems, CarPlay functionality, or original car UI display issues, please contact customer support. The manufacturer offers a 30-day refund/replacement policy.

Support Original BMW System



Support Original car knob



Support Steering wheel button



Support Hand-touch



Factory Rear View Camera



Amplifier System



Retains OriginalBluetooth

Image Description: This image provides information on technical support, advising users to contact the seller for assistance with installation, sound, CarPlay, or original car UI display problems. It highlights the steps to reach out to 'Uckzay Factory Outlet' for solutions.