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Uckazy 15.8 EVO-8-128G

Uckazy 15.8 Inch Android Auto Radio User Manual

Model: 15.8 EVO-8-128G

1. Introduction

This manual provides detailed instructions for the installation, setup, operation, and maintenance of your Uckazy 15.8 Inch Android Auto Radio. This advanced multimedia system is designed to enhance your driving experience with a large touch screen, Android operating system, and seamless integration with your vehicle's existing features.

2. Product Overview and Features

The Uckazy 15.8 Inch Android Auto Radio features a high-resolution IPS touch screen, an Octa-core Qualcomm Snapdragon processor, and 8GB RAM with 128GB ROM for smooth performance. It supports wireless Android Auto, Apple CarPlay, and Mirrorlink, integrating navigation, communication, and entertainment directly into your BMW's dashboard.



Image 2.1: Overview of the Uckazy 15.8 Inch Android Auto Radio's core specifications.

Key features include:

- **15.8-inch IN-CELL Screen:** 1920*720 resolution with full lamination technology for enhanced clarity and reduced reflection.
- **Dual System Integration:** Seamlessly switch between the Android system and your original car's system.
- **Android 14 Operating System:** Powered by Qualcomm Snapdragon SM6125 Octa-core processor (4*Cortex A73 2.4GHz + 4*Cortex A53 1.9GHz) with Adreno 610 GPU.
- **Connectivity:** Supports 4G LTE (Cat 7), 2.4G/5.0G WiFi, Bluetooth 5.0, wireless/wired Apple CarPlay, wireless/wired Android Auto, and wireless Mirrorlink.
- **Built-in GPS:** Includes offline map IGO (North America) and supports other navigation apps.
- **DSP with 16 EQ Segments:** For advanced audio customization.
- **Retains OEM Functions:** Preserves original car radio, amplifier, steering wheel controls, iDrive knob, display speed, fuel level, oil pressure, safety warnings, and original reverse camera.



Image 2.2: Main interface displaying navigation, phone, media, and video functions.

3. Compatibility and Pre-Installation Notes

This unit is specifically designed for:

- BMW X1 F48 F49 (2018-2020) with Original EVO System
- BMW X2 (2018-2020) with Original EVO System

Important Note:

- Ensure your vehicle has the Original EVO System. EVO systems are identified by a 6-pin LVDS plug for the display.
- If your original car does not have an AUX audio input, you will need to either order an FM transmitter or activate the AUX function at a local car workshop for sound output.



Image 3.1: Visual representation of compatible models and the system's appearance before and after installation.

4. Installation

The Uckazy Android Auto Radio is designed for plug-and-play installation. While specific steps may vary by vehicle, the general process involves replacing the original screen and connecting the provided cables. Professional installation is recommended if you are unfamiliar with car electronics.

4.1 Included Accessories

Before beginning installation, ensure all accessories are present:

- Touch pen / Install tools
- Power Cable
- USB Cable
- 4G Antenna
- 4G SIM Card Slot
- GPS Antenna



Image 4.1: Product dimensions and included installation accessories.

4.2 General Installation Steps (Consult a professional if unsure)

1. Carefully remove the original car screen and trim panels as required.
2. Connect the new display's LVDS cable to the vehicle's original 6-pin LVDS port.

3. Connect the power cable, USB cable, 4G antenna, and GPS antenna to the new unit and route them appropriately.
4. Secure the new Uckazy Android Auto Radio in place.
5. Reassemble any removed trim panels.
6. Test all functions before finalizing the installation.

5. Setup and Configuration

5.1 Connecting Apple CarPlay & Android Auto

To link your smartphone for CarPlay or Android Auto:

1. Ensure your phone's Bluetooth and Wi-Fi are enabled.
2. On the Uckazy unit, open Bluetooth settings and note the device name.
3. On your phone, search for and connect to the Uckazy unit's Bluetooth device. If connection issues occur, delete other excess Bluetooth devices from your phone's memory.
4. After successful authorization and connection on your phone, the CarPlay or Android Auto interface will automatically launch on the unit.



Image 5.1: Wireless connectivity for Android Auto, Apple CarPlay, and Mirror Link.

5.2 System Settings Adjustments

After installation, you may need to adjust certain settings for optimal performance:

- **Original Car's Screen Resolution:** If the original car system is not displayed correctly, navigate to **Setup → Car Settings → Original car's screen resolution** and select the correct resolution for your vehicle.
- **iDrive Knob Functionality:** If the iDrive knob is not working, go to **Setup → Car Settings → IDrive** and select either **IDrive_A(CCC)** or **IDrive_B(CCC)** based on your car's system.
- **Reverse View:** If the reverse camera is not functioning, go to **Setup → Car Settings → Reversing setting** and confirm if it is an original car camera or an additional camera.

6. Operation

The Uckazy Android Auto Radio provides a user-friendly interface for various functions:

- **Navigation:** Access built-in GPS or download preferred navigation apps from the app store.
- **Media Playback:** Enjoy high-quality audio and video playback. The unit supports various formats and can play media from USB, Bluetooth, or streaming services.
- **Phone Functions:** Make and receive calls, access contacts, and view call history via Bluetooth connection or through CarPlay/Android Auto.
- **App Access:** Download and use a wide range of Android applications from the Google Play Store.
- **Voice Assistant:** Utilize Siri or Google Voice Assistant for hands-free control of navigation, calls, and music.



Image 6.1: The system retains and integrates with original OEM car functions.

7. Troubleshooting

This section addresses common issues you might encounter:

- **No Display from Original Car System:** Verify the correct screen resolution is selected in **Setup → Car Settings → Original car's screen resolution**.
- **iDrive Knob Not Working:** Adjust the iDrive setting in **Setup → Car Settings → IDrive** to either **IDrive_A(CCC)** or **IDrive_B(CCC)**.

- **Reverse View Not Working:** Check the reversing setting in **Setup → Car Settings → Reversing setting** and confirm the camera type (original or aftermarket).
- **No Audio Output:** Ensure your car's AUX input is active. If not, use an FM transmitter or activate AUX via a car workshop.
- **Bluetooth/Wi-Fi Connection Issues:** Restart both the unit and your phone. Clear previous Bluetooth pairings and try again.

8. Specifications

Detailed technical specifications for the Uckazy 15.8 Inch Android Auto Radio:

Feature	Specification
Model Number	15.8 EVO-8-128G
Screen Size	15.8 inches
Resolution	1920x720 (HD IPS)
Processor	Qualcomm Snapdragon SM6125 Octa-core (4*Cortex A73 2.4GHz+ 4*Cortex A53 1.9GHz)
GPU	Adreno 610
Operating System	Android 14
RAM	8GB
ROM	128GB
Connectivity	4G LTE Cat 7, 2.4G/5.0G WiFi, Bluetooth 5.0
Special Features	Android Auto, Apple CarPlay, Equalizer, Touchscreen
Connector Type	6-pin LVDS
Audio Output Mode	Stereo
Surround Sound Channel Configuration	2.0
Video Encoding	H.264, H.265/HEVC
Item Weight	3.4 pounds
Package Dimensions	22 x 20 x 16 inches



Image 8.1: Screen technology and build material details.

9. Maintenance

To ensure the longevity and optimal performance of your Uckazy Android Auto Radio, follow these maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth to clean the screen. Avoid abrasive cleaners or solvents that could damage the display.
- **Software Updates:** Periodically check for and install software updates to ensure you have the latest features and security enhancements.
- **Temperature:** Avoid exposing the unit to extreme temperatures, which can affect performance and lifespan.
- **Power Management:** Ensure your vehicle's electrical system is in good condition to prevent power fluctuations that could harm the unit.

10. Warranty and Support

Uckazy products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Uckazy website. Keep your purchase receipt as proof of purchase for warranty claims.

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