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› Uckazy 12.3 Inch Android 14 Car Radio for BMW X1 F48 (2018-2020) NBT EVO System User Manual

## Uckazy 12.3' EVO 4+64G

# Uckazy 12.3 Inch Android 14 Car Radio User Manual

Model: 12.3' EVO 4+64G

## 1. IMPORTANT SAFETY INFORMATION

Please read this manual thoroughly before operating the device. Improper installation or use may cause damage to the unit or your vehicle. Ensure all connections are secure and correctly installed to prevent electrical shorts or malfunctions. Always prioritize safe driving. Do not operate the device in a manner that distracts you from the road.

## 2. PRODUCT OVERVIEW

The Uckazy 12.3 Inch Android 14 Car Radio is designed to upgrade your BMW X1 F48's infotainment system. It features a high-definition IPS touch screen, Android 14 operating system, and supports wireless CarPlay and Android Auto. This unit integrates seamlessly with your vehicle's existing systems, including iDrive control and original car functions.

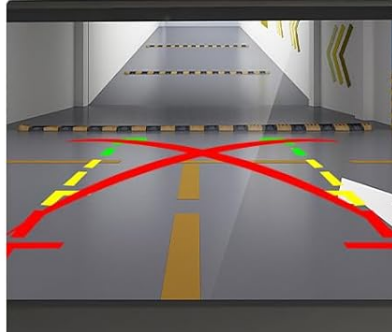
### Key Features:

- **12.3-inch HD (1920\*720) IN-CELL Screen:** Enhanced clarity and reduced reflection.
- **Android 14 Operating System:** Powered by a MediaTek Octa-core processor (4\*Cortex A72 2.2GHz + 4\*Cortex A51 1.8GHz) with 4GB RAM and 64GB ROM.
- **Wireless CarPlay & Android Auto:** Access navigation, music, and messaging via voice commands (Siri/Google Voice Assistant).
- **Built-in DSP:** 16 EQ segments for detailed audio tuning and sound quality enhancement.
- **OEM System Retention:** Maintains original iDrive control, steering wheel controls, OEM reversing camera, and other factory functions.

# Support Original OEM System



Support Steering Wheel Control



Compatible OEM Reversing camera parking radar



Support iDrive control



Sound From the Original Car Stereo



Keep the Original CD



Keep the Original Car System

**Figure 2.1:** The Uckazy car radio supports original OEM systems, including steering wheel controls, OEM reversing camera, iDrive control, and retains the original car stereo sound and CD player.

## 3. COMPATIBILITY

This car radio is specifically designed for **BMW X1 F48 models from 2018 to 2020** that are equipped with the **NBT EVO System**. It is crucial to verify your vehicle's system type before installation. If you are uncertain about your car's system, please consult a professional or the product support.

# Compatible Models & Year

For BMW X1 F48 (2018-2020) EVO System

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



Figure 3.1: Visual guide for identifying compatible BMW X1 F48 EVO System (6pin LVDS Port) versus incompatible NBT System.

## 4. INSTALLATION GUIDE

The Uckazy car radio is designed for plug-and-play installation. However, professional installation is recommended to ensure correct wiring and functionality. Always disconnect the vehicle's battery before beginning any electrical work.

### 4.1 Fiber Optic Cable Transfer

If your vehicle uses fiber optic cables for audio, you may need to transfer them to the new power harness. Follow these steps carefully:

1. Locate the original power connector.
2. Carefully cock the snap on the original connector and pull out the fiber optic cable.
3. Locate the corresponding slot on the new power cord provided with the unit.
4. Plug the fiber optic cable into the correct interface on the new power cord. Ensure it snaps securely into place.
5. Finally, connect the new power cable to the original power cable harness in your vehicle.

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Video 4.1: Demonstration on how to transfer fiber optic cables from the original car harness to the new power cable for the Uckazy car radio.

### 4.2 Post-Installation Appearance

The new 12.3-inch display integrates smoothly into the BMW X1 F48 dashboard, providing a modern and enhanced visual experience.

# For BMW X1 F48



Figure 4.2: Before and after installation view of the Uckazy car radio in a BMW X1 F48.

## 5. OPERATING INSTRUCTIONS

### 5.1 Wireless CarPlay and Android Auto

The unit supports wireless CarPlay and Android Auto, allowing seamless integration with your smartphone for navigation, music, and communication.

1. Ensure Bluetooth is enabled on your smartphone and the car radio.
2. On the car radio, navigate to the Bluetooth settings and search for your phone.
3. Pair your phone with the car radio.
4. For CarPlay, ensure Siri is enabled on your iPhone. For Android Auto, ensure the Android Auto app is installed and configured on your Android device.
5. Once connected, you can access various applications directly on the car radio screen.

# Support Wireless Carplay Android Auto

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



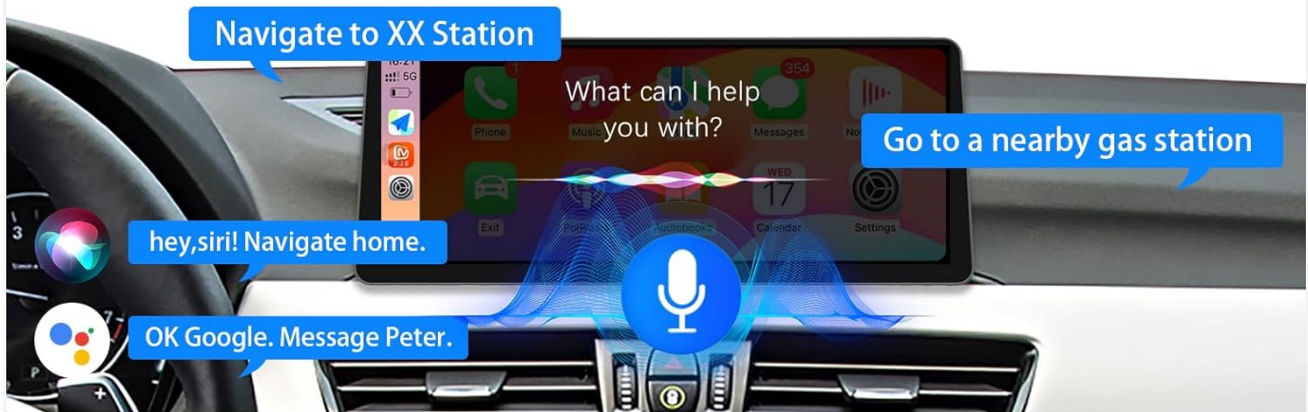
Figure 5.1: Wireless CarPlay and Android Auto interfaces on the Uckazy car radio.

## 5.2 Voice Control with Siri/Google Assistant

Utilize voice commands for hands-free operation of navigation, music playback, and messaging, enhancing driving safety.

## CarPlay with "Hey, Siri", Can still be used while driving

Free your hands and make your travel safer



### Third-party Maps Navigate more options

Support all kinds of mainstream maps, let you travel one step faster



### Mobile Music Always listen to what you want

A variety of music, radio software, whatever you listen to



Figure 5.2: Voice control functionality for navigation and music through CarPlay.

### 5.3 Digital Sound Processor (DSP)

The integrated DSP features 16 EQ segments, allowing for precise audio customization. Adjust the sound to your preference, including speaker positioning and overall sound quality, to create an optimal listening experience.

# Built-in DSP

With 16 digital signal processors (DSPs) on the mixing console. This type of mixing console uses digital signal processing technology to enhance the quality of audio signals and provides a range of audio effects and processing options. Users can perform processes such as reverberation, equalization, compression, and delay on audio to achieve better audio effects and music expression. Up to 16 segments of EQ can be adjusted.



Figure 5.3: DSP interface with 16 EQ segments for audio tuning.

## 6. DISPLAY FEATURES

The 12.3-inch IN-CELL screen boasts a resolution of 1920\*720, offering clearer images, higher color brightness, and a wide viewing angle of up to 178 degrees. Full lamination technology minimizes reflection and enhances display transparency.

The 1920 \* 720 LPS 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



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

Figure 6.1: Comparison of the 1920\*720 LPS screen with a standard display, highlighting improved image clarity and color.

## 7. SPECIFICATIONS

Feature	Detail
Brand	Uckazy
Model	12.3' EVO 4+64G
Operating System	Android 14
Processor	MediaTek Octa-core (4*Cortex A72 2.2GHz + 4*Cortex A51 1.8GHz)
RAM	4GB
ROM	64GB
Screen Size	12.3 inches
Screen Resolution	HD 1920*720
Screen Type	IN-CELL IPS Touch Screen with Full Lamination Technology
Connectivity	Bluetooth, 2.4G & 5.0G WiFi
Special Features	Wireless CarPlay, Wireless Android Auto, Built-in DSP (16 EQ segments), iDrive System Retention
Compatible Devices	Smartphone

## 8. MAINTENANCE

To ensure the longevity and optimal performance of your Uckazy car radio, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the screen. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for and install software updates to ensure the system runs efficiently and securely.
- **Temperature Control:** Avoid exposing the unit to extreme temperatures for extended periods.

## 9. TROUBLESHOOTING

If you encounter issues with your Uckazy car radio, consider the following common troubleshooting steps:

- **No Power:** Check all power connections and ensure the vehicle's battery is properly connected. Verify fuses if necessary.
- **No Sound:** Confirm that the fiber optic cables are correctly installed (refer to Section 4.1). Check audio settings, including volume and DSP configurations.
- **CarPlay/Android Auto Connection Issues:** Ensure Bluetooth is on and paired. Restart your smartphone and the car radio. Verify Siri is enabled for CarPlay.
- **Screen Unresponsive:** Perform a soft reset of the unit (refer to device-specific instructions if available, or disconnect/reconnect power).
- **System Lag:** Close unnecessary applications. Ensure the system software is up to date.

For persistent issues, please contact customer support.

## 10. WARRANTY AND SUPPORT

The Uckazy 12.3 Inch Android 14 Car Radio comes with a **1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

### Customer Support:

For technical assistance, warranty inquiries, or further information, please contact Uckazy customer support through the retailer where the product was purchased or visit the official Uckazy website.

