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- › [EONON](#) /
- › [Eonon UX6SK-PLUS Car Stereo User Manual](#)

EONON UX6SK-PLUS

Eonon UX6SK-PLUS Car Stereo User Manual

Model: UX6SK-PLUS

Brand: EONON

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Eonon UX6SK-PLUS Double Din Car Stereo. The UX6SK-PLUS is an advanced car audio receiver featuring a 10.1-inch QLED touchscreen, Android 13 operating system, wireless CarPlay and Android Auto, Bluetooth, 4G LTE connectivity, and a built-in DSP for superior sound quality. Please read this manual thoroughly before using the product to ensure proper function and safety.



Figure 1.1: Eonon UX6SK-PLUS Car Stereo with CarPlay interface.

2. WHAT'S IN THE BOX

Please verify that all items listed below are included in your package:

- Reversing camera A0127 (1)
- Power cord (1)
- GPS Antenna (1)
- 4G Antenna (1)
- USB cable (1)
- CarPlay USB cable (1)
- Reversing input cable (1)
- Audio cable (1)
- AV conversion cable (1)
- Spare fuse (1)
- SIM card holder (1)
- External microphone (1)
- Screws (8)
- Manual (1)



Figure 2.1: All components included in the Eonon UX6SK-PLUS package.

3. SETUP AND INSTALLATION

3.1 Applicable Models and Dimensions

The UX6SK-PLUS car stereo is designed to fit car dashboards with a mounting size of 178mm x 100mm (7.01" x 3.94"). If your original car radio's mounting size matches and it has an ISO power cord, direct installation is possible. Please verify your car's center console dimensions before installation.

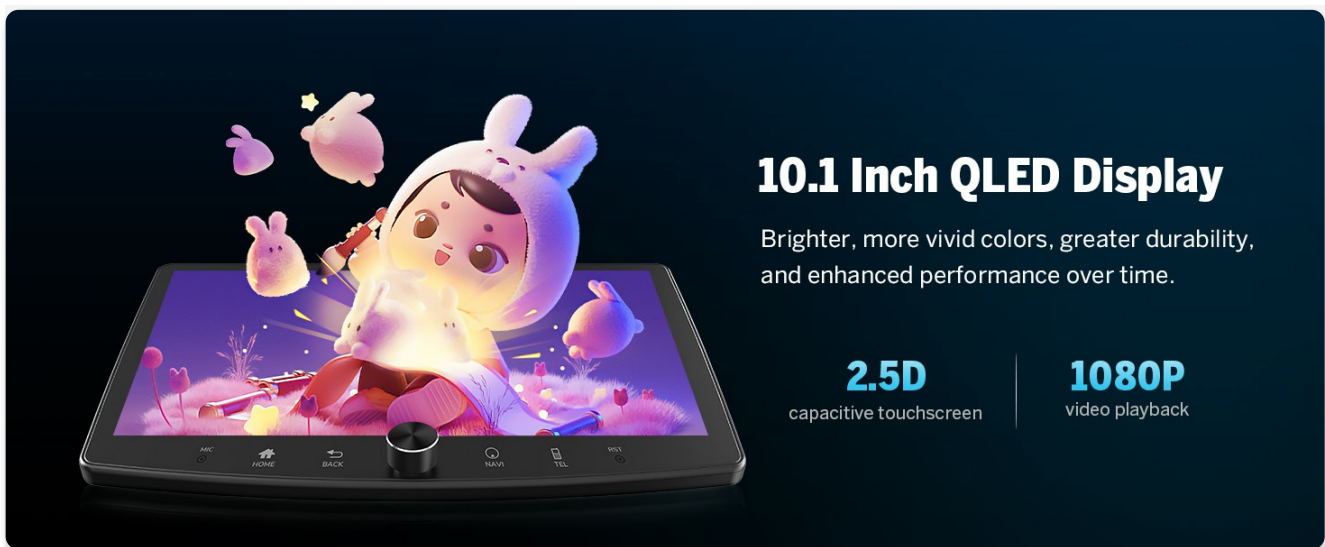


Figure 3.1: Applicable car stereo dimensions and compatibility guidance.

3.2 Installation Requirements

If your car's dashboard size does not match 178mm x 100mm, an additional installation kit (not included) will be required. Ensure your factory car radio's power cable has an ISO standard interface. If not, a compatible ISO wiring harness will need to be purchased separately. Proper installation ensures air vents remain unblocked.

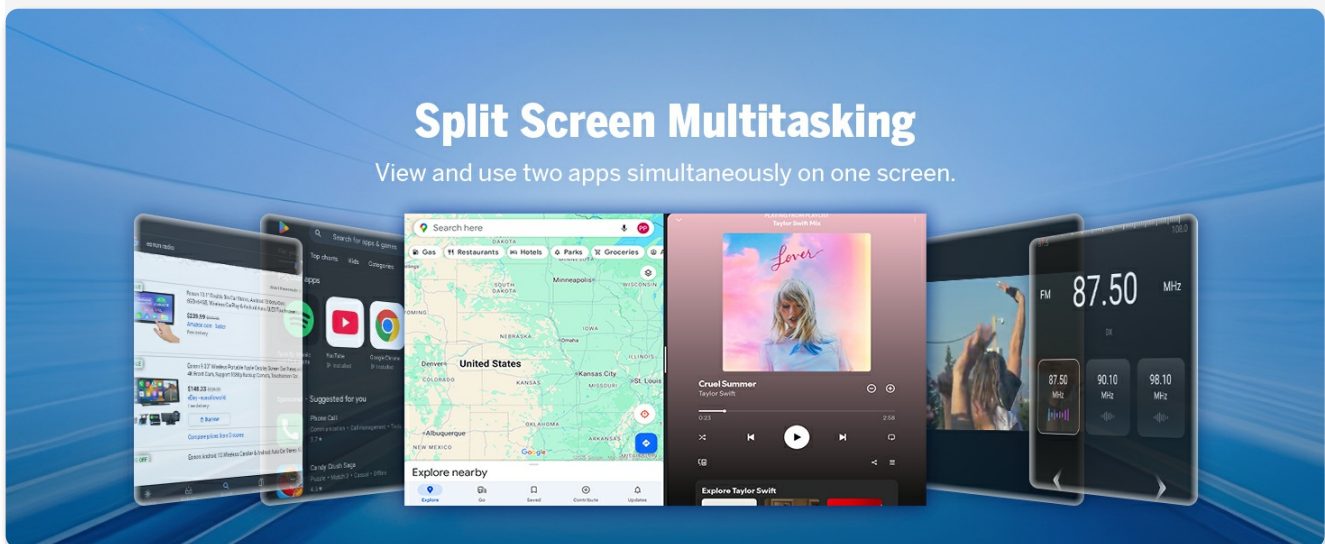


Figure 3.2: Installation considerations for non-standard dashboard sizes and ISO harness requirement.

3.3 Wiring Diagram

Refer to the wiring diagram for correct connection of all components, including power, audio outputs, USB ports, and camera inputs. Proper wiring is crucial for optimal performance and to prevent damage to the unit or vehicle.

Built-in DSP

Digital Signal Processing (DSP) enables time alignment in car audio systems, ensuring sound waves from different speakers reach the listener simultaneously for improved sound quality and precision.

**RHOM
32107**
DSP chip

48
Band graphic
equalizer

**ST
TDA7851**
amplifier

4x48W
max output
power



Figure 3.3: Comprehensive wiring diagram for the UX6SK-PLUS.

4. OPERATING INSTRUCTIONS

4.1 Physical Knob Operation

The UX6SK-PLUS features a physical volume knob for convenient control. Rotate the knob to adjust volume. A short press will mute/unmute the audio, while a long press will power the unit on or off. This allows for quick adjustments without diverting attention from the road.

Practical Physical Knob



Figure 4.1: Physical knob for volume and power control.

4.2 10.1 Inch QLED Display

Experience vibrant HD visuals on the 10.1-inch 1280x720P HD resolution QLED screen. It offers 3 brightness modes for optimal viewing in various lighting conditions and features smooth 2.5D touch control. The display also supports 1080P video playback.

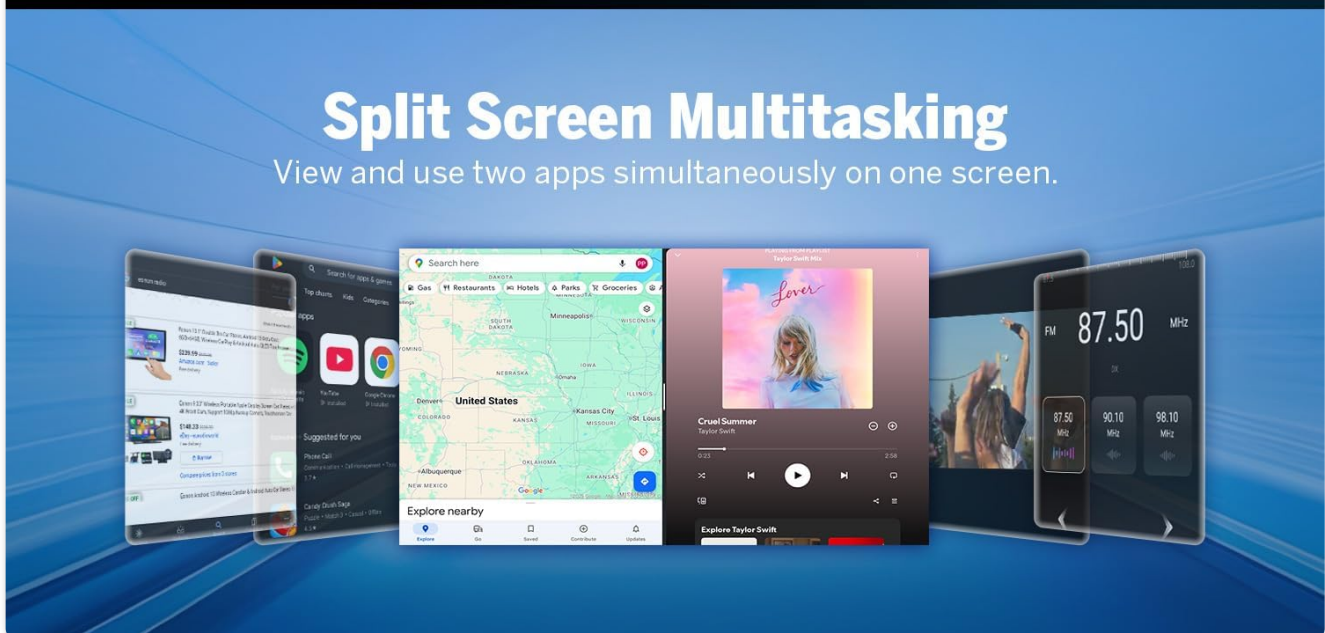


Figure 4.2: High-definition QLED display features.

4.3 Adjustable Viewing Angle

The 10.1-inch adjustable panel supports vertical movement and allows angle adjustments in all directions. This ensures optimal viewing and seamless integration with your dashboard, reducing glare and improving visibility.



Figure 4.3: Adjustable viewing angles for optimal visibility.

4.4 Wireless CarPlay & Android Auto

The UX6SK-PLUS supports both wireless Apple CarPlay and Android Auto, providing a hands-free experience. Use voice commands like 'Hey Siri' or 'Hey Google' to control music, navigation, calls, and messages, enhancing driving safety and convenience.



Figure 4.4: Wireless Apple CarPlay connection steps.



Figure 4.5: Wireless Android Auto connection steps.

4.5 Screen Mirroring

Mirror your smartphone apps directly onto the car stereo's display using the screen mirroring function. This allows you to view content from your phone on the larger QLED screen.



Figure 4.6: Screen Mirroring setup for iOS devices.



Figure 4.7: Screen Mirroring setup for Android devices.

4.6 Split Screen Multitasking

The split-screen function allows you to view and use two applications simultaneously on one screen. For example, you can have navigation open on one side and music playback on the other, enhancing multitasking capabilities.

DON'T BE FOOLED, VERIFY THE TRUTH!

Download "Fake Device Test"

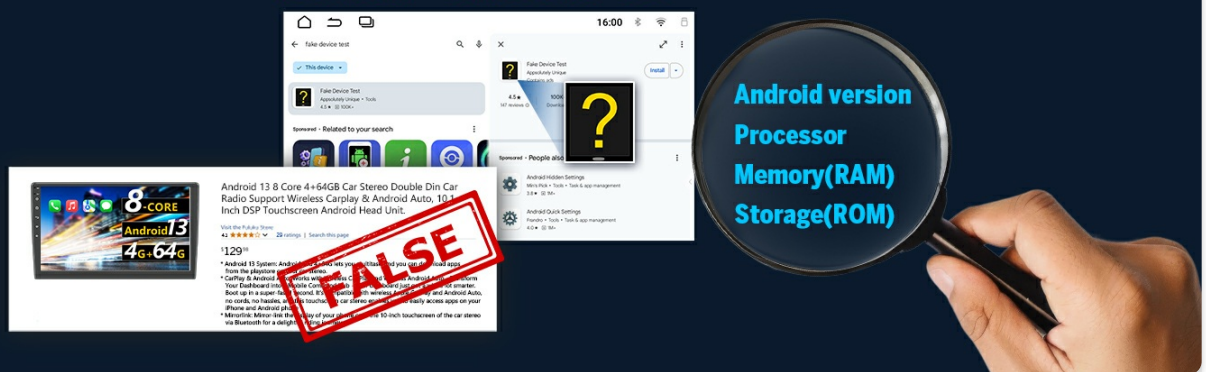


Figure 4.8: Split screen multitasking in action.

4.7 Built-in DSP and Audio Features

The UX6SK-PLUS boasts a built-in DSP chip and 4 x 48W surround sound outputs for superior audio quality. Tailor your sound with the 15-band graphic equalizer and 6 equalization modes. It also features optical and coaxial HD audio output for enhanced sound fidelity.

Built-in DSP

Digital Signal Processing (DSP) enables time alignment in car audio systems, ensuring sound waves from different speakers reach the listener simultaneously for improved sound quality and precision.

RHOM
32107
DSP chip

48
Band graphic
equalizer

ST
TDA7851
amplifier

4x48W
max output
power



Optical & Coaxial

HD audio output



Figure 4.9: Built-in DSP for enhanced audio experience.

	UX6SK-PLUS (QCM6225)	UA13SK-PLUS (QCM6125)
ANTUTU RUNNING SCORES	296007	188480
GPU	39885	33683
MEM	83036	58562



Figure 4.10: Optical and Coaxial HD audio output.

4.8 Bluetooth, Wi-Fi, and 4G LTE Connectivity

The unit features an independent Bluetooth 5.1 module with an extra Bluetooth antenna for quick and stable connections and noise reduction. It is Wi-Fi 6 ready and supports Wi-Fi 2.4/5 GHz. Additionally, it comes with built-in 4G LTE, allowing for internet access via a SIM card (not included).

Independent Bluetooth Module + Extra Bluetooth Antenna

 Bluetooth 5.1

 Quick & stable connection

 Noise reduction



Wi-Fi & Built-in 4G Module

Wi-Fi 6 ready



Wi-Fi 2.4/5 GHz ready



SIM card(not included)

 12mm

 15mm

 8.8mm

 12.3mm



Figure 4.11: Independent Bluetooth module for stable connections.

Practical Physical Knob



Figure 4.12: Wi-Fi and Built-in 4G Module capabilities.

4.9 Android 13 System

The UX6SK-PLUS runs on a built-in Android 13 system, powered by an advanced 11nm chip and Qualcomm QCM6225 Octa-Core processor with 6GB RAM and 64GB ROM. This configuration ensures smooth and responsive performance for various applications, offering smartphone integration, app flexibility, and ease of use.

Siri, play music.

Hey Google, navigate home.

10:56
LTE
2 min slower
McDonald's
11:04 arrival
Start on Yintian Gongye Road
Better Than F...
Olivia O'Brien

Apple CarPlay
Wired & Wireless

Android Auto
Wired & Wireless

Qualcomm QCM6225 8-Core
Faster and stronger.

6NM LPP
Advanced semiconductor technology offering high-performance, energy-efficient solutions for next-generation electronic devices.

6GB RAM

64GB ROM

GPU
Adreno 610

Figure 4.13: Qualcomm QCM6225 8-Core processor.

1s fast boot

Online/Offline map

3 USB ports

RCA output

R-D-S
RADIO DATA SYSTEM

AM/FM radio

Figure 4.14: Android 13 system and app installation.

4.10 Steering Wheel Control

The unit supports steering wheel controls, allowing you to manage audio playback and other functions directly from your steering wheel buttons. This feature enhances convenience and safety by keeping your hands on the wheel.

Video 4.1: Product overview video demonstrating various features including steering wheel control, physical knob, and display functions.

4.11 Backup Camera Support

The UX6SK-PLUS supports a 1080P backup camera (A0127 camera is included in the package). This feature provides a clear view of the area behind your vehicle when reversing, significantly improving safety and ease of parking.



Figure 4.15: Backup camera view on the display.

4.12 User Interface Customization

Personalize your car stereo experience with 4 sets of UI themes. You can also customize button colors, boot logos, and wallpapers to match your vehicle's interior or personal preference.

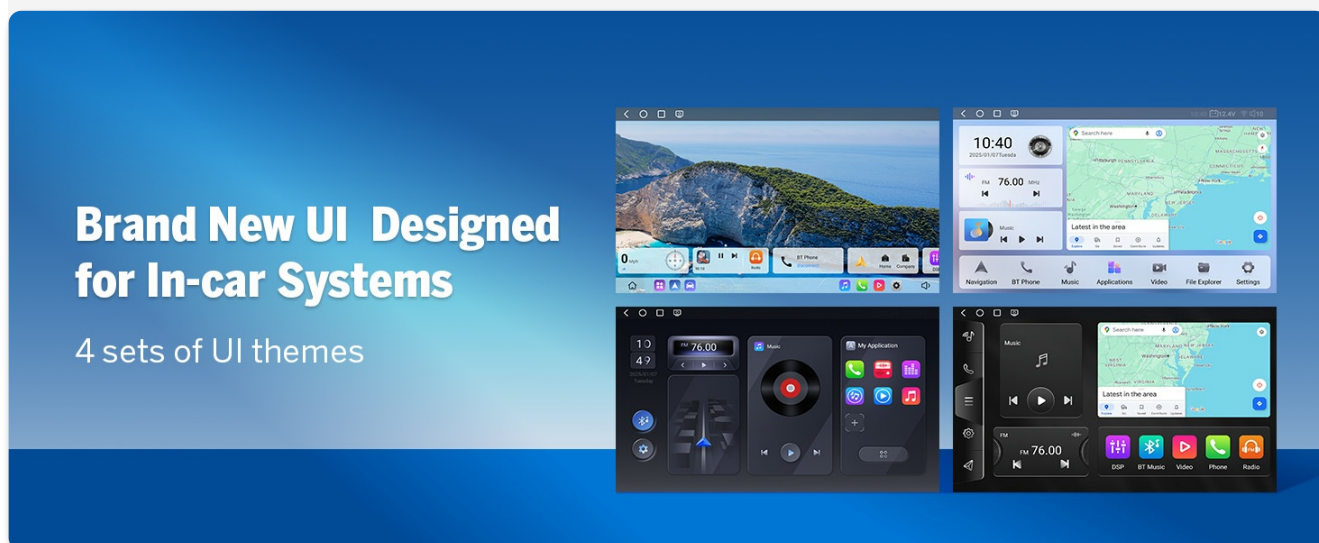


Figure 4.16: UI customization options.

4.13 Additional Features

The UX6SK-PLUS offers a 1-second fast boot feature, supports online and offline maps for navigation, includes 3 USB ports for connectivity, provides RCA output, and features AM/FM RDS radio for music, real-time weather

updates, traffic information, and news.

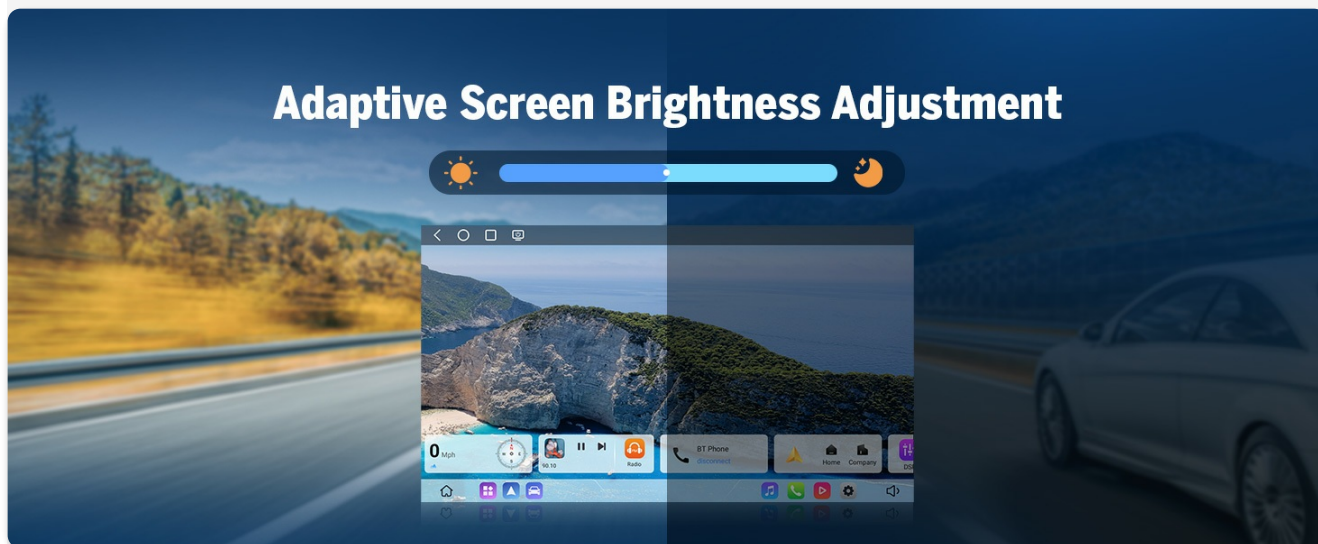


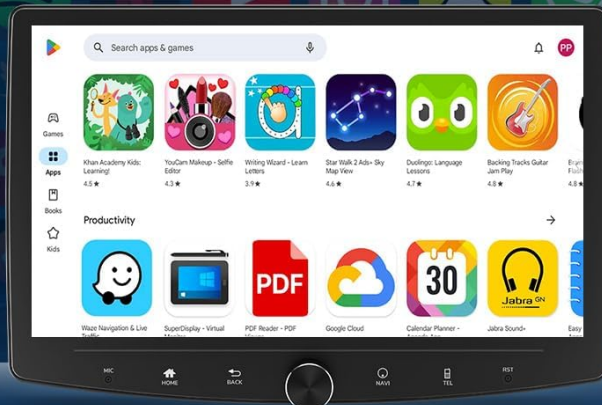
Figure 4.17: Overview of additional features.

5. MAINTENANCE

5.1 Software Updates

Keep your car stereo up-to-date through Over-The-Air (OTA) firmware updates. These updates fix software issues and enhance security with just a few taps. Note that Android system upgrades are not supported via OTA.

Android 13 (API level 33)



- Over-the-air firmware update(not Android system)
- Smartphone integration
- App flexibility
- Ease of use

Over-the-air Firmware Update

Keep your car stereo up-to-date through OTA updates. Fix software issues and enhance security with just a few taps.

Note: Android system upgrade is not supported.



Figure 5.1: Over-the-air firmware update process.

5.2 General Care

To maintain the longevity and performance of your Eonon UX6SK-PLUS, regularly clean the screen with a soft, lint-free cloth. Avoid using harsh chemicals or abrasive materials. Ensure all connections are secure and free from debris. Protect the unit from extreme temperatures and direct sunlight when not in use.

6. TROUBLESHOOTING

If you encounter any issues with your Eonon UX6SK-PLUS, please refer to the following general troubleshooting steps:

- **No Power:** Check all power connections and ensure the vehicle's ignition is on. Verify the fuse is intact.
- **No Sound:** Check speaker connections, volume level, and audio settings (DSP equalizer, balance/fader). Ensure the unit is not muted.
- **Touchscreen Unresponsive:** Try restarting the unit by long-pressing the physical knob. If the issue persists, a factory reset might be necessary (refer to settings menu).

- **CarPlay/Android Auto Connection Issues:** Ensure Bluetooth and Wi-Fi are enabled on both the stereo and your smartphone. Try forgetting the device on both ends and re-pairing. Check for software updates for both the stereo and your phone's operating system.
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear line of sight to the sky.
- **Poor Radio Reception:** Check the antenna connection. Ensure the antenna is fully extended if it's a manual type.

For more specific issues or persistent problems, please contact Eonon customer support or visit their official website for detailed troubleshooting guides and FAQs.

7. SPECIFICATIONS

Below are the key technical specifications for the Eonon UX6SK-PLUS Car Stereo:

Feature	Detail
Model Number	UX6SK-PLUS
Operating System	Android 13
Processor	Qualcomm QCM6225 Octa-Core
RAM	6GB
ROM	64GB
Display Size	10.1 inches
Display Type	QLED Touchscreen
Display Resolution	1280x720P HD
CarPlay / Android Auto	Wireless
Bluetooth Version	5.1
Wi-Fi Standards	Wi-Fi 6 ready (2.4/5 GHz)
4G LTE	Built-in (SIM card not included)
Audio Output Power	4 x 48W
DSP	Built-in, 15-band graphic equalizer, 6 EQ modes
Product Dimensions	3.15 x 9.72 x 6.38 inches
Item Weight	3.96 pounds





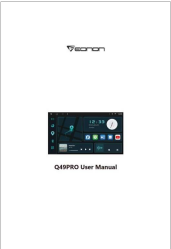



Figure 7.1: Key specifications and comparison with previous model.

8. WARRANTY AND SUPPORT

Eonon products typically come with a manufacturer's warranty. For specific warranty terms, duration, and claim procedures, please refer to the warranty card included in your product packaging or visit the official Eonon website. Keep your purchase receipt as proof of purchase.

For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact Eonon customer support through their official channels. You can usually find contact information on their website or in the product documentation.

Related Documents - UX6SK-PLUS

	<p>Eonon VWA12S User Manual: Features, Installation, and Operation Guide</p> <p>Comprehensive user manual for the Eonon VWA12S car infotainment system. Covers product overview, features like Wireless CarPlay and Android Auto, GPS navigation, Bluetooth, settings, and troubleshooting for your Eonon VWA12S car stereo.</p>
	<p>BMW 3 Series E46 Installation Manual - Eonon Head Unit</p> <p>Step-by-step installation guide for an Eonon head unit in a BMW 3 Series 1999-2004 (E46). Covers removal of factory components and installation of the new unit.</p>
	<p>Eonon Q49PRO User Manual</p> <p>User manual for the Eonon Q49PRO car stereo, covering installation, features, settings, and troubleshooting.</p>
	<p>Eonon Android Car Stereo User Manual - Navigation, Bluetooth, Media, and More</p> <p>Comprehensive user manual for Eonon Android car stereos, covering setup, navigation, Bluetooth connectivity, media playback, app installation, CarPlay, Android Auto, and system settings.</p>
	<p>Eonon P3 User Manual: Installation, Features, and Connectivity</p> <p>Comprehensive user manual for the Eonon P3 car multimedia player. Learn about installation, product features, connectivity options like Apple CarPlay and Android Auto, screen mirroring, and find solutions in the FAQ section.</p>
	<p>BMW 3 Series (E90/E91/E92/E93) 2005-2011 Eonon Head Unit Installation Manual</p> <p>Comprehensive installation manual for Eonon car stereo head units in BMW 3 Series (E90, E91, E92, E93) models manufactured between 2005 and 2011. This guide provides detailed, step-by-step instructions for removing the factory radio and air conditioning controls, wiring the new unit, and fitting it into the dashboard. It covers essential steps such as checking console compatibility, using specialized tools, connecting harnesses, and testing features.</p>