

EONON UX6S

# Eonon UX6S Double Din Car Stereo User Manual

Model: UX6S

## 1. INTRODUCTION

Thank you for choosing the Eonon UX6S Double Din Car Stereo. This advanced car audio receiver is designed to enhance your driving experience with its powerful Android 13 operating system, 7-inch QLED touchscreen, wireless CarPlay and Android Auto capabilities, and superior audio processing. This manual provides detailed instructions for installation, operation, and maintenance to ensure you get the most out of your new device.



Figure 1.1: Eonon UX6S Double Din Car Stereo with accessories.

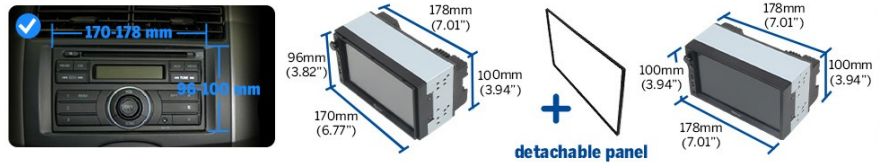
## 2. WHAT'S IN THE BOX

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

- A0127 Reversing camera \*1
- Power cord \*1
- GPS antenna \*1
- 4G Antenna \*1
- USB adapter cable \*2
- Audio/video adapter cable \*2
- Reverse video input cable \*1
- 15A Fuse \*1
- SIM card holder \*1
- External Microphone \*1
- Manual \*1
- Screws \*8
- Small knob \*1

## Applicable Models

The panel of the UX6S is removable and can be directly installed on the dashboard **within the specified size range as follows.**



UX6S is a double din car stereo, and it won't fit your car if your factory car radio is single din.



Figure 2.1: Visual representation of included accessories.

### 3. SPECIFICATIONS

The Eonon UX6S is engineered with high-performance components to deliver a superior in-car experience:

Feature	Description
Model Number	UX6S
Processor	Qualcomm QCM6225 Octa-core (6nm Low-Power process technology)
RAM	6GB
ROM	64GB
Display	7-inch QLED Touch Screen, 1280*720 HD Resolution
Operating System	Android 13
Connectivity	Bluetooth 5.1, HDMI, USB, Wi-Fi (Wi-Fi 6 ready, 2.4/5 GHz), 4G LTE
Audio Output	Built-in DSP, 4*48W Max Output, 48-band graphic equalizer, Optical & Coaxial HD audio output
Special Features	Wireless CarPlay, Android Auto, Screen Mirroring, Split-Screen, Online Software Update (OTA), Steering Wheel Controls, Fast Charging
Dimensions	9.45 x 8.27 x 6.69 inches (Package)
Item Weight	4.4 pounds (2 Kilograms)



Figure 3.1: Internal architecture highlighting Qualcomm QCM6225 and other key components.

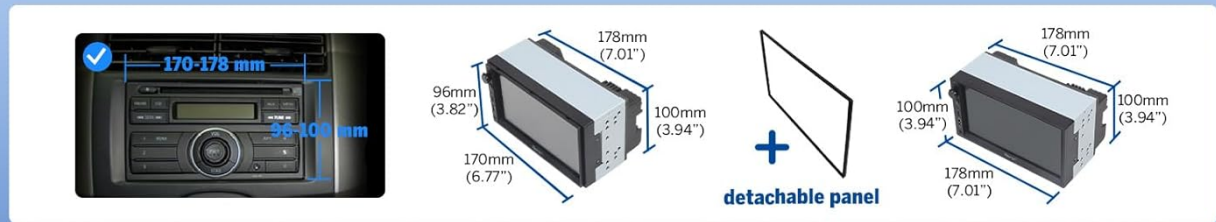
## 4. INSTALLATION

### 4.1 Applicable Models and Dimensions

The UX6S features a 7-inch adjustable panel that supports vertical movement and angle adjustments for optimal viewing and seamless dashboard integration. This unit is designed for double DIN car stereo installations. Ensure your car's original radio mounting size is compatible with a width from 170-178 mm (6.69-7.01 inches) and a height from 96-100 mm (3.78-3.94 inches). If your car's center console dimensions do not match this range, an extra installation kit (not included) will be required.

# Applicable Models

The panel of the UX6S is removable and can be directly installed on the dashboard **within the specified size range as follows.**



UX6S is a double din car stereo, and it won't fit your car if your factory car radio is single din.



If your car dashboard size does **NOT** fall within the range of: 170-178 mm(length), 96-100 mm (height), you need an extra installation kit(not included) to install the unit.



Please note that the power cable of your factory car radio must have an ISO standard interface, as shown in the left picture. If not, you will need to purchase a compatible ISO wiring harness for installation.

Use these key words to find a proper mounting kit or wire harness for your car online:

Car make & model & year	+	ISO harness	<a href="#">Q</a>
Car make & model & year	+	2 din kit	<a href="#">Q</a>

Figure 4.1: Compatible installation dimensions for the UX6S.

## 4.2 Wiring Diagram

Refer to the following diagram for proper wiring connections. Ensure all connections are secure before powering on the unit. If your factory car radio's power cable has an ISO standard interface, you can directly install it. Otherwise, you may need to purchase a compatible ISO wiring harness.



Figure 4.2: Comprehensive wiring diagram for the UX6S unit.

## 5. OPERATING INSTRUCTIONS

### 5.1 User-Focused Panel Design

The UX6S features an intuitive panel design for easy access to essential functions:

- **Volume Knob:** Easily and intuitively adjust the volume.
- **USB Ports:** Charge your phone or transfer music, movies, etc.
- **AUX Input:** Connect external audio devices.



Figure 5.1: Front panel features for user interaction.

### 5.2 Performance and Processing

Powered by a Qualcomm QCM6225 Octa-core processor with 6GB RAM and 64GB ROM, the UX6S delivers high performance and responsiveness. The 6nm low-power process technology ensures efficient operation. The built-in DSP (Digital Signal Processing) and 4\*48W max output power provide a superior sound experience with a 48-band graphic equalizer and six preset EQ modes.



Figure 5.2: Qualcomm QCM6225 8-Core processor specifications.

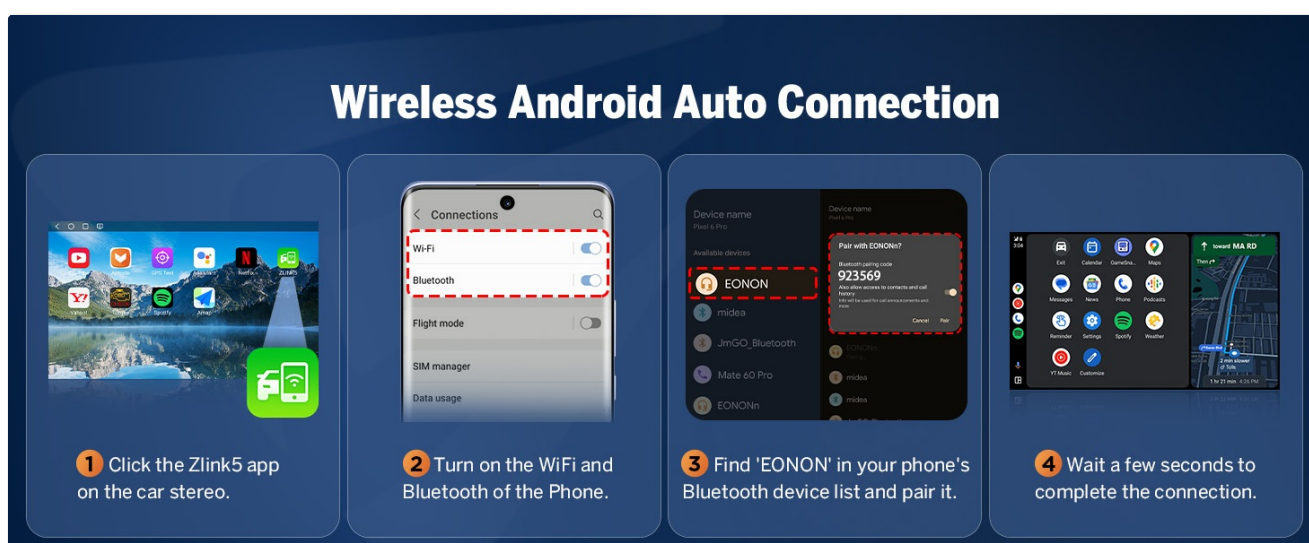


Figure 5.3: Built-in DSP for enhanced sound quality.

### 5.3 CarPlay & Android Auto & Screen Mirroring

Connect your smartphone effortlessly for navigation, music, and more:

- **Wireless CarPlay:** Enjoy a seamless in-vehicle experience by connecting your iPhone via Bluetooth.
- **Android Auto:** Access the full-featured Android Auto system via both Bluetooth and USB connections.
- **Screen Mirroring:** Project content from your mobile phone onto the large screen for immersive entertainment.

## Fast Charging

Equipped with a high-speed Type-C port that supports PD 3.0 and PPS fast charging—ensuring your devices power up faster and more efficiently on the go.

PPS/PD3.0/PD2.0

QC3.0/QC2.0

FCP/SCP

AFC



Figure 5.4: Wireless Apple CarPlay and Android Auto in action.

## 5.4 7-Inch QLED Display & Split-Screen Multitasking

The 7-inch QLED touch screen with 1280\*720 HD resolution provides true-to-life colors and high contrast from any angle. The split-screen function allows you to view and use two applications simultaneously, enhancing multitasking capabilities.

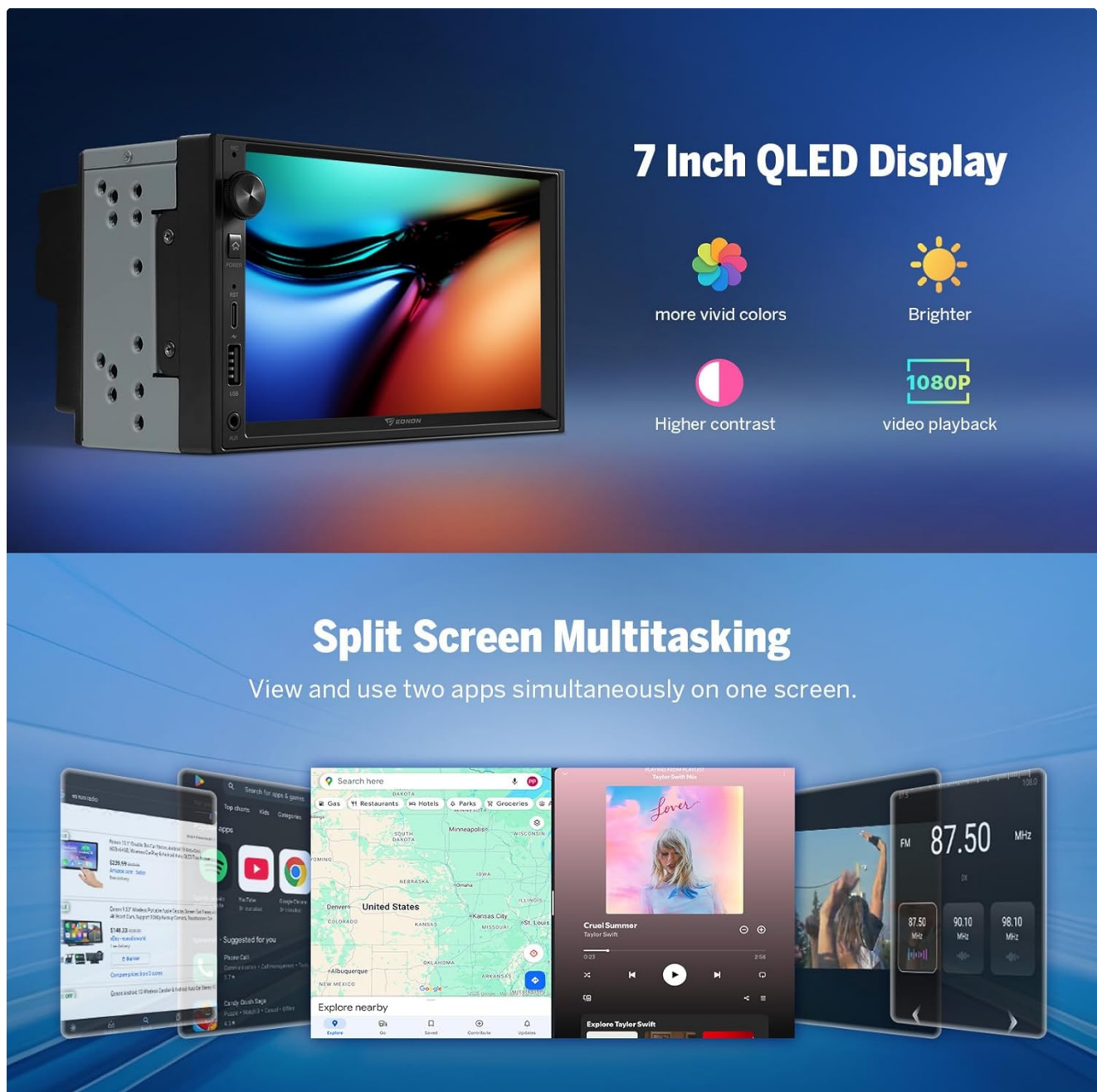


Figure 5.5: QLED display quality and split-screen functionality.

## 5.5 Android 13 Features

The UX6S runs on Android 13, offering a modern and flexible entertainment system with smartphone integration, app flexibility, and ease of use. It supports offline/online GPS navigation, Bluetooth 5.1, and RDS/FM radio.



Figure 5.6: Android 13 operating system interface.

## 5.6 Steering Wheel Controls

The unit supports analog Steering Wheel Control (SWC) signals, allowing you to retain factory features and control the stereo directly from your steering wheel for convenience and safety.



Figure 5.7: Steering wheel control integration.

## 5.7 Additional Features

- **Fast Charging:** Equipped with a high-speed Type-C port supporting PD 3.0 and PPS fast charging.
- **Bluetooth 5.1:** Upgraded built-in Bluetooth system for hands-free calls, contact synchronization, and music playback. Includes an external microphone for clear calls.
- **Customizable UI:** Choose from 3 built-in UI themes, customize button colors, boot logo, and wallpaper.
- **Fast Boot:** Experience quick startup times.
- **Multiple USB Ports:** Three USB ports for versatile connectivity.
- **RCA Output:** Provides maximum flexibility for connecting amplifiers, subwoofers, and DSPs.

## 6. MAINTENANCE

### 6.1 Over-the-Air (OTA) Firmware Updates

Keep your Eonon UX6S up-to-date through convenient Over-the-Air (OTA) updates. These updates help fix software issues and enhance security with just a few taps. Please note that these updates are for the software and do not upgrade the core Android system version.



Figure 6.1: OTA Firmware Update process.

## 7. TROUBLESHOOTING

If you encounter any issues with your Eonon UX6S, please refer to the following general troubleshooting tips:

- **No Power:** Check all power connections and ensure the 15A fuse is intact. Verify proper grounding.
- **No Sound:** Check speaker connections, audio output settings (DSP, EQ), and ensure volume is not muted or too low. Verify external amplifier connections if used.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, perform a factory reset (note: this will erase personal data).
- **CarPlay/Android Auto Connection Issues:** Ensure Bluetooth and Wi-Fi are enabled on both the stereo and your phone. Re-pair the devices. Check the Zlink5 app settings.
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear view of the sky.
- **Slow Performance:** Close unnecessary background applications. Clear cache and temporary files. Consider a factory reset if performance remains sluggish.


For more detailed troubleshooting or persistent issues, please contact Eonon customer support.






## 8. WARRANTY AND SUPPORT

Eonon is committed to providing high-quality products and customer satisfaction. For information regarding product warranty, technical support, or service inquiries, please visit the official Eonon website or contact their customer service department directly. Keep your purchase receipt as proof of purchase for warranty claims.

You can find more information and support resources on the [EONON Store on Amazon](#).

### Related Documents - UX6S

	<p><a href="#">Eonon VWA12S User Manual: Features, Installation, and Operation Guide</a></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>
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	<p><a href="#">BMW 3 Series E46 Installation Manual - Eonon Head Unit</a></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><a href="#">Eonon Q49PRO User Manual</a></p> <p>User manual for the Eonon Q49PRO car stereo, covering installation, features, settings, and troubleshooting.</p>
	<p><a href="#">Eonon Android Car Stereo User Manual - Navigation, Bluetooth, Media, and More</a></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><a href="#">Eonon P3 User Manual: Installation, Features, and Connectivity</a></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><a href="#">BMW 3 Series (E90/E91/E92/E93) 2005-2011 Eonon Head Unit Installation Manual</a></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>