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EONON UX7J-PLUS

EONON 10.1-inch Display Audio System UX7J-PLUS Instruction Manual

Model: UX7J-PLUS | Brand: EONON

1. INTRODUCTION

This instruction manual provides comprehensive guidance for the installation, operation, and maintenance of your EONON 10.1-inch Display Audio System, Model UX7J-PLUS. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.



Figure 1: EONON 10.1-inch Display Audio System UX7J-PLUS

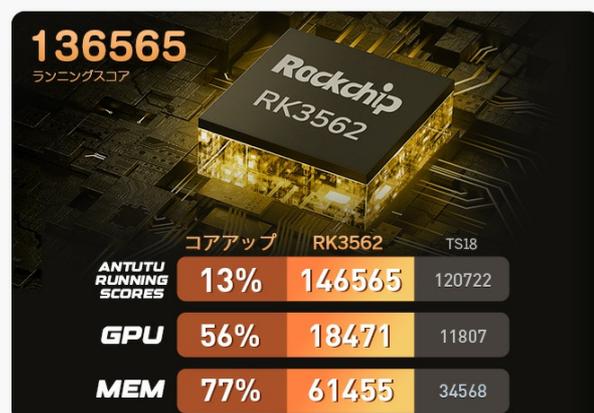
2. KEY FEATURES

- **Android 14 Operating System:** Experience enhanced speed, stability, and compatibility with a wide range of applications. Supports OTA updates for software fixes and security improvements.
- **High-Performance Processor:** Equipped with an energy-efficient processor (3GB RAM + 32GB ROM) for smooth operation of multiple applications and fast data transfer. An optional 4GB RAM + 64GB ROM version is available for increased performance and storage.
- **Physical Buttons & Knob Control:** Features physical buttons and a rotary knob for intuitive and safe operation while driving. The aluminum alloy frame provides durability and a stylish design.
- **10.1-inch IPS Display:** A large 10.1-inch IPS screen with 1280x720 resolution offers clear, detailed visuals and wide viewing angles for an improved navigation and entertainment experience.
- **CarPlay & Android Auto:** Seamlessly connect your smartphone for navigation, calls, music, and voice assistance. Supports both wired and wireless connections.
- **Mirroring Function (TLINK):** Synchronize photos, music, and videos from your smartphone directly to the unit.

- **WiFi & Bluetooth 5.4 Connectivity:** Connect to the internet via Wi-Fi or smartphone tethering to download and install apps like YouTube and Netflix. Bluetooth 5.4 ensures faster data transfer, wider communication range, and enhanced anti-interference for clear calls and high-quality music.
- **Enhanced In-Car Audio:** Features a TDA7388 surround stereo for an immersive audio experience with powerful output (4 x 45W max) and a 36-band graphic equalizer for optimal sound customization.
- **AHD Rear Camera Support:** Compatible with AHD rear cameras (up to 1920x1080 resolution). Automatically switches to the rear camera view when reversing, with adjustable guidelines and image flip options.
- **Expandable Options:** Supports various optional accessories such as TV tuners (EONON V0051), dash cams (EONON A100), OBD2 (EONON V0056), and RCA/HDMI output for full-screen sharing (EONON A0595/A0596). Note: Some apps may not support video output.
- **UI Customization & Multi-Window:** Choose from three UI options and customize the home screen. Panel light colors can also be adjusted. Multi-window support allows simultaneous display of navigation and other applications (e.g., 5:5 split screen), reducing distractions while driving. Note: Multi-window may not be supported for some services like CarPlay or Bluetooth.
- **FM/AM/Wide FM:** Wide FM support covers a broad frequency range, ensuring reliable reception of emergency broadcasts during disasters. Features SI4755 radio module for stable reception sensitivity.
- **New Embedded Screen Connection & Short Body Design:** The newly developed screen connection structure eliminates the need for cumbersome power cables, simplifying installation and removal. The short body design makes installation easier, even for beginners.



Figure 2: System Overview



3. SETUP AND INSTALLATION

3.1 Wiring Diagram

Refer to the following diagram for proper wiring connections. Ensure all connections are secure before powering on the unit.

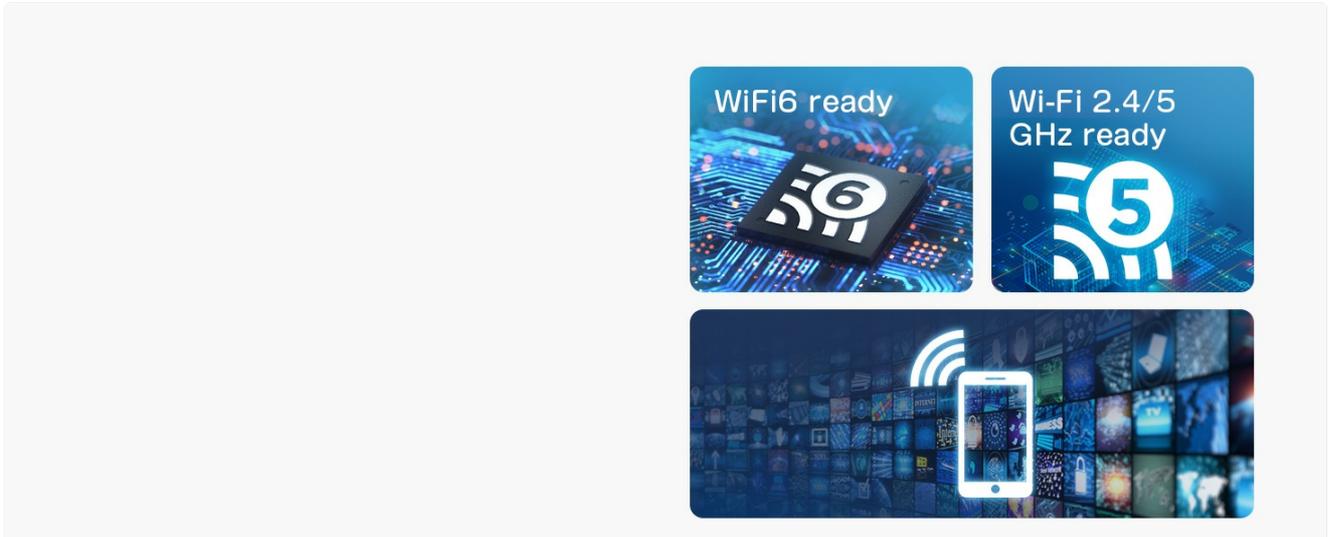


Figure 4: Wiring Diagram and Accessories

3.2 Connecting the Rear Camera

To connect the rear camera, follow the steps in the video below. Ensure the camera's power cable is connected to the reverse lamp +12V and ground, and the RCA video output is connected to the unit's camera input. The reverse signal wire from the camera should connect to the unit's reverse signal code.

Video 1: EONON UX7SKJ-PRO-MAX Back Camera Installation Guide. This video demonstrates the correct wiring and connection procedure for the rear camera.

3.3 Steering Wheel Control Setup

To configure your steering wheel controls, connect the vehicle's SWC wires to the corresponding SWC wires on the head unit. Then, use the learning function in the settings menu to map the buttons. If your vehicle has only one SWC wire, connect it to either SW1 or SW2. Do not use one of these as a ground wire. The main unit's ground wire (ACC) can be used for the steering wheel control ground.

Video 2: EONON UX7SKJ-PRO-MAX Steering Remote Control Connection and Setup. This video illustrates how to connect and program your steering wheel controls.

3.4 Front Panel Removal and Installation

The front panel of the UX7J-PLUS is designed for easy removal and installation. This is useful for security or maintenance. Follow the steps in the video to detach and reattach the panel.

Video 3: EONON UX6SKJ-PRO-MAX Front Panel Removal and Installation. This video demonstrates the process of detaching and reattaching the front panel.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

The unit features a user-friendly interface with intuitive touch controls and physical buttons. Navigate through menus by swiping and tapping. Use the physical knob for volume control and quick access to essential functions.

The image displays the main user interface of the unit, which is designed to be user-friendly and intuitive. It features a large central screen showing various app icons and a physical knob for volume control. The interface is divided into two main sections: the top section for basic operations and the bottom section for wireless/wired connections.

CarPlay/Android Auto/ミラーリング対応

Hey Siri、上野公園まで案内して
Hey Google、音楽を再生して

電話 音楽再生 メッセージ ナビ 音声制御

ワイヤレス/有線

Apple AirPlay
Mirroring

※注意：Netflixなど一部のアプリ・動画は著作権のため、ミラーリングできない可能性があります。

ワイヤレス/有線

The top section of the interface is titled "CarPlay/Android Auto/ミラーリング対応" (CarPlay/Android Auto/Mirroring Support). It features two voice command prompts: "Hey Siri、上野公園まで案内して" (Hey Siri, navigate to Ueno Park) and "Hey Google、音楽を再生して" (Hey Google, play music). Below these prompts are five circular icons representing core functions: 電話 (Phone), 音楽再生 (Music Playback), メッセージ (Messages), ナビ (Navigation), and 音声制御 (Voice Control). The central screen displays a grid of app icons including 電話 (Phone), ミュージック (Music), マップ (Maps), メッセージ (Messages), 再生中 (Playing), 車 (Car), ボットキャ... (Bot Chat...), and オーディオ... (Audio...). The bottom section is titled "ワイヤレス/有線" (Wireless/Wired) and shows the unit's screen displaying an anime event page for "AnimeJapan 2025". To the right, there are icons for Apple AirPlay and Mirroring, along with logos for Disney+, TikTok, and Hulu. A hand is shown holding a smartphone displaying the same anime event page, demonstrating the mirroring functionality. A note at the bottom states: "※注意：Netflixなど一部のアプリ・動画は著作権のため、ミラーリングできない可能性があります。" (Note: Some apps and videos, such as Netflix, may not be mirrorable due to copyright reasons.)

Figure 5: Main User Interface

4.2 CarPlay and Android Auto

Connect your iPhone or Android smartphone to enable CarPlay or Android Auto. This allows you to access navigation, make calls, send messages, and play music directly from your phone's interface on the unit's screen.

Video 4: EONON GA2198J Wireless CarPlay Connection Guide. This video demonstrates how to connect your iPhone wirelessly to CarPlay.



Figure 6: CarPlay, Android Auto, and Mirroring

4.3 Multi-Window Function

The multi-window feature allows you to run two applications simultaneously on a split screen, such as navigation and a music player. This enhances convenience and reduces the need to switch between apps.



パネルサイズ、取付サイズ



付属品

- ① AV変換ケーブル×1
- ② オーディオケーブル×1
- ③ Carplay用USBケーブル(80mm)×1
- ④ USBケーブル(80mm)×1
- ⑤ バックカメラ入力×1
- ⑥ 電源ケーブル×1
- ⑦ GPSアンテナ(2m)×1
- ⑧ マイク(3m)×1
- ⑨ 電源ケーブルオスメス端子転換ケーブル×1
- ⑩ 取付用ネジ×10
- ⑪ 予備ヒューズ×1
- ⑫ 説明書×1

Figure 7: Multi-Window Display

5. MAINTENANCE

To ensure the longevity and optimal performance of your EONON Display Audio System, regular maintenance is recommended:

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals.
- **Software Updates:** Periodically check for available OTA (Over-The-Air) software updates in the system settings. These updates can improve performance, fix bugs, and enhance security.

- **Cable Connections:** Ensure all cables are securely connected. Loose connections can lead to intermittent issues.
- **Temperature Control:** Avoid exposing the unit to extreme temperatures for extended periods.



Figure 8: Software Update Interface

6. TROUBLESHOOTING

If you encounter any issues with your unit, refer to the following common troubleshooting tips:

- **No Power:** Check all power connections. Ensure the ACC and 12V battery wires are correctly connected and fused.
- **No Sound:** Verify speaker connections. Check volume levels and equalizer settings. Ensure the correct audio source is selected.
- **Touch Screen Unresponsive:** Try restarting the unit. If the issue persists, perform a factory reset (note: this will erase all user data).
- **CarPlay/Android Auto Not Connecting:** Ensure Bluetooth and Wi-Fi are enabled on your phone and the unit. Check that the correct app (e.g., Zlink) is running. Try reconnecting Bluetooth.
- **Rear Camera Not Displaying:** Check the rear camera's power and video connections. Ensure the reverse signal wire is correctly connected to trigger the camera view.
- **Slow Performance:** Close unnecessary background applications. Clear cache and temporary files. Consider upgrading to a higher RAM/ROM model if performance remains an issue with heavy usage.

For further assistance, please contact EONON customer support.

7. SPECIFICATIONS

Feature	Specification
Screen Size	10.1 inches
Display Type	LCD (IPS Touchscreen)
Product Dimensions	17.8 x 8 x 10 cm

Feature	Specification
Product Model Number	UX7J-PLUS
Memory Storage Capacity	32 GB (ROM)
RAM	3 GB
Connectivity Technology	Bluetooth 5.4, Wi-Fi
Map Type	Asia (compatible with various navigation apps)
Mounting Type	Dashboard Mount
Compatible Vehicle Type	SUV (Universal 2DIN fit)
Included Components	Audio cable x1, Power cable x1, AV conversion cable x1, Backup camera input x1, GPS antenna (2m) x1, Microphone (3m) x1, Mounting screws x10, Spare fuse x1, Instruction manual x1, USB cable (80mm) x1, CarPlay USB cable (80mm) x1

8. WARRANTY AND SUPPORT

EONON products come with a standard warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, troubleshooting, or warranty claims, please contact EONON customer service through their official website or the contact information provided with your purchase.

Official EONON Store: [EONON Amazon Store](#)