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> EONON 10.1-inch 2DIN Car Navigation System User Manual (4GB RAM+64GB ROM)

Eonon UX7J-PLUS

EONON 10.1-inch 2DIN Car Navigation System User Manual

Model: UX7J-PLUS (4GB RAM + 64GB ROM)

INTRODUCTION

Thank you for purchasing the EONON 10.1-inch 2DIN Car Navigation System. This manual provides essential information for the safe and efficient operation of your device. Please read this manual thoroughly before use and keep it for future reference.

This system features the latest Android 14 operating system, a large 10.1-inch IPS display, and supports advanced connectivity options like wireless CarPlay and Android Auto. Its design incorporates physical buttons and a rotary knob for intuitive control, enhancing safety and convenience during your drive.

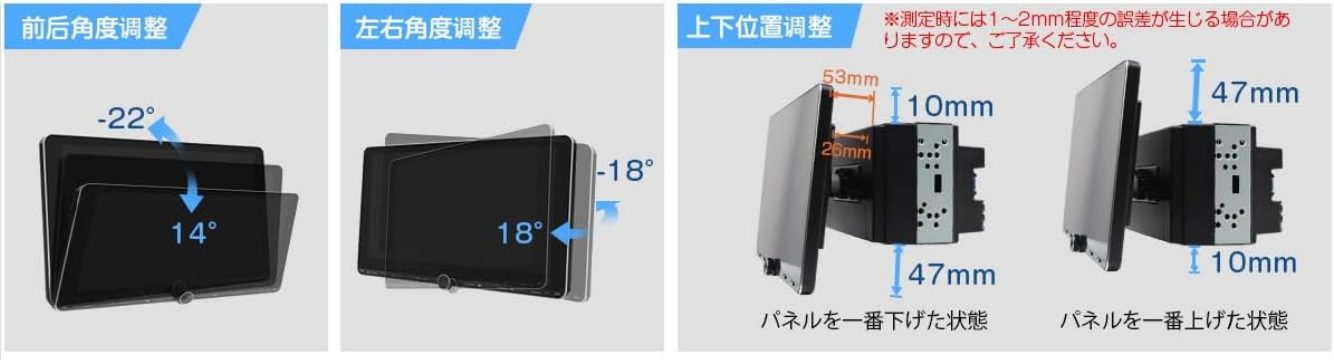
KEY FEATURES

- **Android 14 Operating System:** Experience faster and more stable performance with support for a wide range of applications.
- **10.1-inch IPS Display:** Enjoy a clear and detailed visual experience with a 1280x720 resolution and wide viewing angles.
- **Physical Buttons & Rotary Knob:** Intuitive controls for safe operation while driving, combining style with durability.
- **Wireless CarPlay & Android Auto:** Seamless smartphone integration for navigation, calls, messages, and music.
- **Mirroring Function (TLINK):** Display your smartphone's content directly on the unit's screen.
- **High-Speed Connectivity:** Built-in WiFi (2.4/5GHz) and Bluetooth 5.4 for reliable wireless connections.
- **Enhanced Audio Experience:** TDA7388 surround stereo with a 36-band graphic equalizer for optimal sound quality.
- **Expandable Options:** Support for AHD backup cameras, TV tuners, dash cams, and OBD2 diagnostics (accessories sold separately).
- **Multi-Window Display:** Run two applications simultaneously on a split screen for improved multitasking.
- **OTA Updates:** Receive software fixes and security enhancements to keep your device up-to-date.

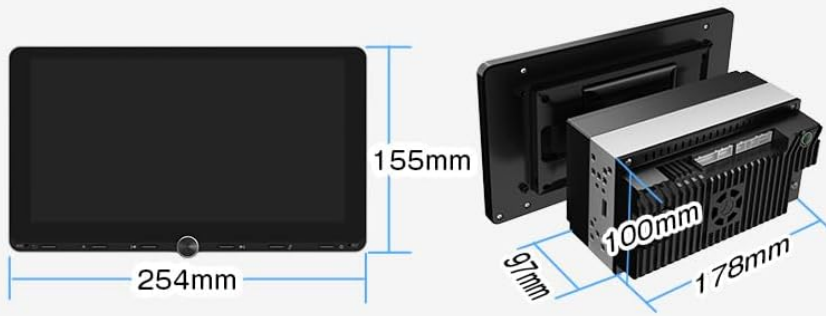
PACKAGE CONTENTS

Verify that all items are present in the package before installation.

- Navigation Unit (Main Body) x1
- Audio Cable x1
- Power Cable x1
- Power Cable (Male to Female Terminal Conversion) x1
- AV Conversion Cable x1
- Backup Camera Input Cable x1
- GPS Antenna (2m) x1
- Microphone (3m) x1
- USB Cable (80mm) x1
- CarPlay USB Cable (80mm) x1
- Mounting Screws x10
- Spare Fuse x1
- Instruction Manual x1



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

Image: All included accessories and cables for the EONON 10.1-inch Car Navigation System.

INSTALLATION

The EONON 10.1-inch Car Navigation System features a new embedded screen connection and a short body design for easier installation. This design eliminates the need for complex power cable connections between the screen and the main unit, improving stability and reliability.

Installation Steps:

1. **Prepare the Installation Area:** Ensure the vehicle's power is off and disconnect the battery. Remove the

existing car stereo or navigation unit.

2. **Connect Wiring:** Refer to the wiring diagram provided in the package. Connect the power cable, audio cables, GPS antenna, microphone, and any optional accessories (e.g., backup camera, USB cables) to the main unit.
3. **Mount the Main Unit:** The short body design allows for easier fitting into the 2DIN slot. Secure the main unit using the provided mounting screws.
4. **Attach the Display:** The display connects directly to the main unit without a separate power cable. Align the display with the main unit and secure it with two screws. This embedded connection ensures high stability.
5. **Adjust Display Angle:** The display offers front-to-back angle adjustment (-22° to 14°), left-to-right angle adjustment (-18° to 18°), and vertical position adjustment (up to 37mm). Adjust the screen to your preferred viewing angle for optimal visibility and operation.
6. **Reconnect Battery & Test:** Reconnect the vehicle battery and power on the unit to test all functions.



Image: The new embedded screen connection (top) and the short body design (bottom) simplify installation.

多彩なオプション対応で、さらなる拡張性を実現！

システムの拡張性を活かして、あなたのドライブライフをより豊かに！



テレビ視聴
(EONON VO051 別売り)

バック連動
(EONON A0119J/A0127 別売り)
※純正カメラは変換ケーブル要、音楽はバック中も再生可能。

ドライブレコーダーモード
(EONON A100 別売り)

OBD2対応
(EONON VO056 別売り)

RCA/HDMI 出力で全画面シェア
(EONON A0595(A506)/A0596 別売り)
※一部アプリは映像出力に対応しておらず、また USB 変換アダプタ経由のため映像が遅延・カクつく場合があります。

USBに対応
(3つのUSBポートを装備し、USBメモリ/有線CarPlay・Android Auto・ミラーリングなどは同時使用可能)

Image: Adjustable display angles and positions for optimal viewing.

SETUP

Upon initial power-on, the system will guide you through basic setup steps. Follow the on-screen prompts to configure language, time zone, and network settings.

Initial Configuration:

- **Language Selection:** Choose your preferred system language.
- **Date and Time:** Set the correct date and time, or enable automatic synchronization via GPS/network.
- **Network Connection:** Connect to a Wi-Fi network or enable smartphone tethering for internet access. This is crucial for app downloads, updates, and online services.
- **UI Customization:** Navigate to settings to select from three available UI options and customize the home screen layout and panel light colors to match your preference.

OPERATING INSTRUCTIONS

General Operation:

- **Touch Screen:** The 10.1-inch IPS display is a capacitive touch screen. Tap, swipe, and pinch to navigate the interface.

- **Physical Buttons:** Use the physical buttons and rotary knob located below the screen for quick access to essential functions like volume control, home, back, and track skipping.

物理ボタン+ノブ操作を新搭載

物理ボタンとアルミ合金フレームを組み合わせることで、
スタイリッシュさと耐久性を両立しています。



10.1インチIPS大画面

1280*720

画面解像度

2.5D

フルタッチスクリーン

178°

多角度視聴可能



Image: Physical buttons and rotary knob for intuitive control.

CarPlay & Android Auto:

Connect your smartphone wirelessly or via USB to access CarPlay or Android Auto. This allows you to use navigation, make calls, send messages, and play music through the unit's interface, controlled by voice commands or touch.

- **Wireless Connection:** Ensure Bluetooth and Wi-Fi are enabled on your smartphone and the head unit. Follow the on-screen instructions to pair your device.
- **Wired Connection:** Use the provided CarPlay USB cable to connect your smartphone.

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



※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。

 Apple AirPlay

 Mirroring






ワイヤレス/有線

Image: CarPlay and Android Auto interfaces for seamless smartphone integration.

Mirroring (TLINK):

The TLINK function allows you to mirror your smartphone's screen onto the head unit. This is useful for displaying photos, videos, or other applications not natively supported by CarPlay/Android Auto. (Note: Some streaming apps like Netflix may restrict mirroring due to copyright protection.)

Multi-Window Function:

Utilize the multi-window feature to display two applications simultaneously on a 5:5 split screen. For example, you can view navigation on one side and a music player on the other, enhancing multitasking efficiency. (Note: Multi-window is not supported for all services, including some CarPlay and Bluetooth functions.)



Image: Multi-window display showing navigation and a music application simultaneously.

Radio (FM/AM/Wide FM):

The unit supports FM, AM, and Wide FM bands, providing stable reception across a broad frequency range. This ensures you can receive local broadcasts, including emergency information during disasters.

Bluetooth 5.4:

Connect your smartphone via Bluetooth 5.4 for hands-free calling and high-quality audio streaming. The advanced Bluetooth version ensures faster data transfer, wider communication range, and improved anti-interference capabilities.



Image: Bluetooth connectivity for hands-free calls and music streaming.

Audio Settings:

Customize your audio experience with the built-in 36-band graphic equalizer. Adjust frequencies to achieve your desired sound profile and select optimal sound field settings for an immersive listening experience.

Steering Wheel Control (SWC):

The unit supports analog Steering Wheel Control signals. You can program frequently used operations to your vehicle's steering wheel buttons for convenient and safe control while driving. For vehicles with digital SWC signals, a separate conversion cable may be required.

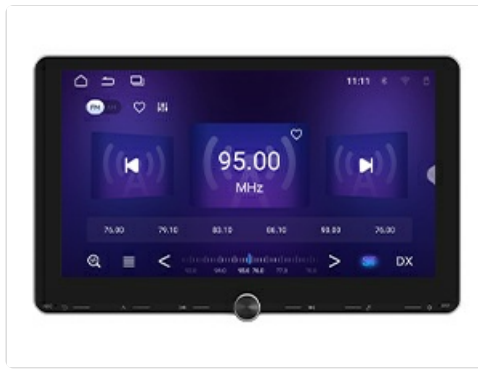


Image: Steering wheel control learning interface for custom button mapping.

MEDIA INTEGRATION

With Android 14 and Wi-Fi connectivity, you can download and install various entertainment applications directly onto the unit. Enjoy popular streaming services like YouTube and Netflix (subject to app compatibility and copyright restrictions for mirroring).

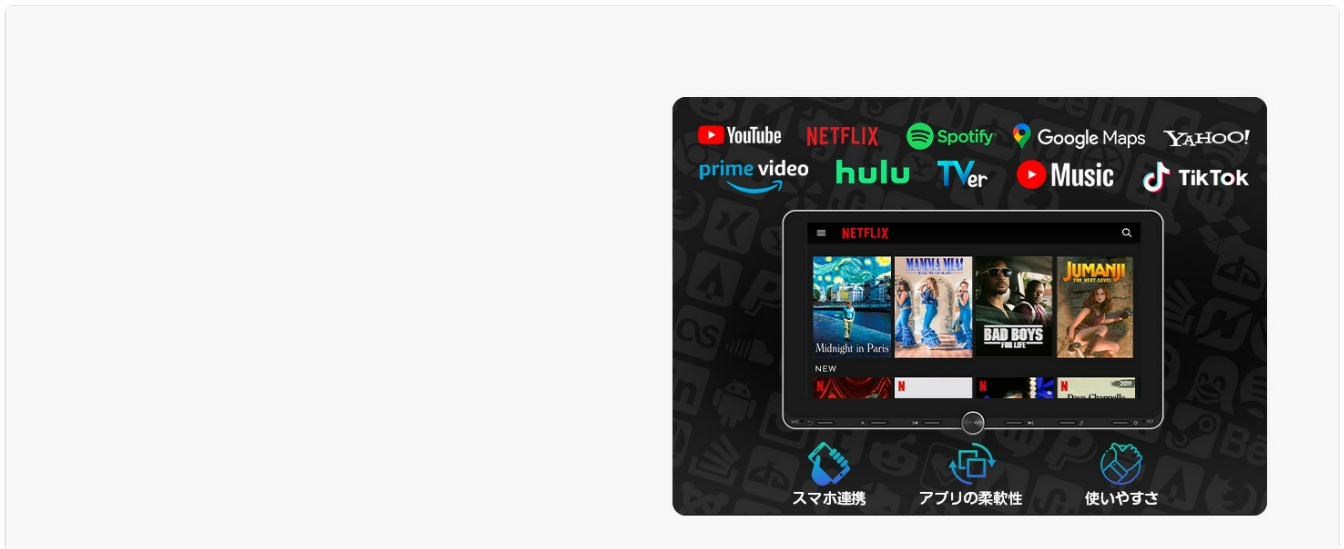


Image: Access to popular streaming services and apps.

CONNECTIVITY

Wi-Fi:

The unit supports Wi-Fi (2.4/5GHz) for internet access. Connect to a Wi-Fi hotspot or use your smartphone's tethering function to browse the web, download apps, and use online services.

Bluetooth 5.4:

Bluetooth 5.4 provides a stable and fast connection for hands-free calls and audio streaming from your mobile devices.

USB Ports:

The unit includes three USB ports. These can be used simultaneously for various functions such as connecting USB storage devices, wired CarPlay/Android Auto, and mirroring.

REAR CAMERA SUPPORT

The system supports AHD (up to 1920x1080) backup cameras (EONON A0119J/A0127 sold separately). When

reverse gear is engaged, the display automatically switches to the backup camera view. You can adjust screen rotation, guide lines (display/hide/adjust), and image orientation (normal/mirror).



Image: Backup camera display with adjustable guidelines for safe parking.

SYSTEM UPDATES (OTA)

The device supports Over-The-Air (OTA) updates. These updates provide software fixes, security enhancements, and performance improvements. To check for and install updates, navigate to the system settings and tap the update option. Please note that major Android OS version upgrades are not supported via OTA.

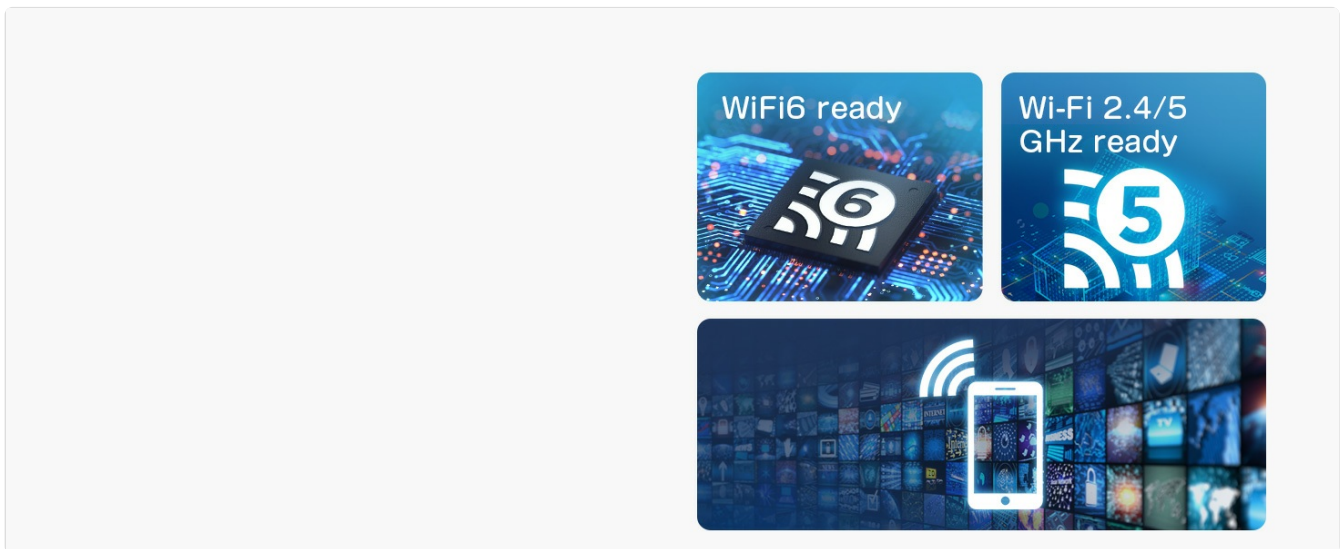


Image: OTA update screen for system maintenance.

MAINTENANCE

To ensure the longevity and optimal performance of your EONON Car Navigation System, follow these maintenance guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-cleaning solution. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Regularly check for and install OTA updates to ensure your system has the latest fixes and security patches.
- **Temperature Control:** Avoid exposing the unit to extreme temperatures. Prolonged exposure to direct sunlight or very cold conditions can affect performance and lifespan.
- **Cable Connections:** Periodically check all cable connections to ensure they are secure and free from damage. Loose connections can lead to intermittent issues.
- **Reset Function:** If the unit becomes unresponsive, locate the small reset button (RST) on the front panel and press it gently with a thin object (e.g., a paperclip). This will restart the system without erasing data.

TROUBLESHOOTING

If you encounter issues with your EONON Car Navigation System, refer to the following common problems and solutions:

- **No Power:**
 - Check all power cable connections.
 - Verify the vehicle's fuse box and the spare fuse included with the unit.
- **Unstable Wi-Fi Connection:**
 - Ensure your Wi-Fi hotspot or smartphone tethering is active and providing a strong signal.
 - Try restarting both the head unit and the Wi-Fi source.
 - Move closer to the Wi-Fi source if possible.
- **Backup Camera Not Displaying:**
 - Ensure the backup camera is correctly connected to the unit's input.
 - Check the camera's power supply.
 - If the image signal (NTSC/PAL) setting is incorrect, engage reverse gear to display the camera image, then long-press the screen for 2 seconds to access the dedicated camera settings and adjust the signal type.
- **Slow Performance / App Crashes:**
 - Close unnecessary applications running in the background.
 - Clear the cache of frequently used apps.
 - Ensure sufficient free storage space. While the unit has 64GB ROM, heavy app usage can impact performance.
 - Restart the unit if performance degrades significantly.
- **No Sound:**
 - Check volume levels on the unit and your connected device.
 - Verify speaker connections.
 - Ensure the correct audio source is selected.
- **Steering Wheel Control Not Working:**
 - Ensure the SWC wires are correctly connected.
 - Perform the SWC learning procedure in the unit's settings.
 - If your vehicle uses digital SWC signals, a separate adapter may be required.

If the problem persists after trying these solutions, please contact EONON customer support.

SPECIFICATIONS

Brand	Eonon
Model	UX7J-PLUS
Operating System	Android 14

RAM	4GB
ROM (Internal Storage)	64GB
Screen Size	10.1 inches
Display Type	IPS LCD, Capacitive Touch Screen
Resolution	1280 x 720
Connectivity	Bluetooth 5.4, Wi-Fi (2.4/5GHz), USB
Navigation	GPS, Supports Asia maps
Audio Output	4 x 45W Max Output, TDA7388 Surround Stereo, 36-band Graphic Equalizer
Radio Tuner	FM/AM/Wide FM (SI4755 radio module)
Dimensions (L x W x H)	17.8 cm x 8 cm x 10 cm
Mounting Type	Panel Mount (2DIN)
Compatible Vehicle Type	Passenger Cars
Technical Certification	Japan Radio Law Certified (Number: 222-260240)

WARRANTY AND SUPPORT

Your EONON Car Navigation System comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For technical support, warranty claims, or any questions regarding your product, please contact EONON customer service through the retailer where you purchased the product or visit the official EONON website for contact information.

Please retain your proof of purchase for warranty validation.