

Eonon X3J

EONON X3J 2DIN 7-inch QLED Touch Panel Car Audio System User Manual

Model: X3J

1. INTRODUCTION

Thank you for purchasing the EONON X3J 2DIN 7-inch QLED Touch Panel Car Audio System. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and user experience. Please read this manual thoroughly before using the product and keep it for future reference.

2. SAFETY INFORMATION

- Always operate the device responsibly and in accordance with local traffic laws. Distracted driving can lead to accidents.
- Ensure professional installation to prevent damage to the unit or your vehicle's electrical system.
- Do not attempt to disassemble or modify the unit. This may void the warranty and pose safety risks.
- Keep the unit away from water, moisture, and extreme temperatures.
- Use only approved accessories and cables.

3. PRODUCT OVERVIEW

The EONON X3J is a versatile 2DIN car audio system featuring a 7-inch QLED touch panel. It supports a wide range of connectivity and audio enhancements for an improved in-car experience.

Key Features:

- Wireless/Wired Android Auto & CarPlay
- Mirroring Function
- DSP (Digital Sound Field Processing) with Toshiba TCB001 Amplifier
- 16-Band Graphic Equalizer
- 7-inch QLED Touch Screen (1024x600p resolution)
- Type-C Fast Charging Port

- Bluetooth Connectivity
- Wide FM/FM/AM Radio Support
- AHD 720P Rear Camera Compatibility
- Adjustable Panel Size (170*96mm or 178*100mm)
- Short Body Design for Easier Installation
- Steering Wheel Control Function

Front Panel Components:



Figure 3.1: Front Panel Layout

1. Microphone
2. Volume Knob
3. Power/Home Button
4. RST (Reset)
5. Type-C Fast Charging Port

6. USB Port (for wired CarPlay/Android Auto/USB memory)
7. AUX Input

4. SETUP

4.1 Installation

The EONON X3J features a short body design for easier installation in various vehicles. It also has an adjustable face panel to fit different dash openings.

iPhone *iPhone5以降に対応

Androidスマートフォン

*ワイヤレスAndroid Autoには、スマートフォンが5GHzのWi-Fiに対応し、最新版のAndroid Auto APPがインストールされている必要があります。

*有線Android Autoは、スマートフォンがAndroid 6.0以上で最新版のAndroid Auto APPがインストールされている必要があります。



Figure 4.1: Panel Size Adjustment

Before installation, verify the size and shape of your console panel. If unsure about compatibility, contact customer support with your car model, year, and photos of the installation area.

4.2 Wiring Diagram

Refer to the following diagram for proper wiring connections. The unit comes with pre-attached terminals, simplifying the wiring process.

🚗 ディスプレイ装着例-7インチ



Figure 4.2: Main Wiring Diagram

Note on USB Function: The USB port supports USB memory and charging. For wired CarPlay/Android Auto, use the

dedicated USB port. USB memory supports up to 128GB for music and video playback.

Steering Wheel Control: Connect SWC1 and SWC2 to your vehicle's steering wheel control wires. If your vehicle has only one steering wheel control wire, connect either SWC1 or SWC2. Connect the steering wheel control ground wire to the unit's ground (GND).

4.3 Initial Power On

After completing all wiring and installation, turn on your vehicle's ignition. The unit should power on automatically. Follow the on-screen prompts for initial setup, including language selection and time settings.

5. OPERATING INSTRUCTIONS

5.1 Wireless/Wired Android Auto & CarPlay

Connect your smartphone to access navigation, make calls, send messages, and enjoy music through the unit's display.

- **For iPhone (iPhone 5 and later):** Supports Wireless/Wired CarPlay.
- **For Android Smartphones:**
 - **Wireless Android Auto:** Requires a smartphone compatible with 5GHz Wi-Fi and the latest Android Auto app installed. (e.g., Android 11.0 or later, Google/Samsung phones with Android 10.0, Samsung Galaxy S8/S8+/Note 8 with Android 9.0).
 - **Wired Android Auto:** Requires a smartphone with Android 6.0 or later and the latest Android Auto app installed.



Figure 5.1: CarPlay and Android Auto Interface

5.2 Mirroring Function

The mirroring function allows you to display your smartphone screen on the unit. Connect your smartphone via wireless or wired connection. Note that some apps like Netflix or Apple Music may not support mirroring due to copyright restrictions.



Figure 5.2: Mirroring Function in Use

5.3 Audio Features (DSP & Equalizer)

The unit is equipped with DSP (Digital Sound Field Processing) and a built-in Toshiba TCB001 amplifier, providing a maximum output of 4 x 45W for a wide and realistic sound. Utilize the 16-band graphic equalizer to fine-tune audio signals from various angles to your preference.

Eonon	VS	Others
純正 Linux システム スムーズで安定したパフォーマンス	⚙️	F133/8268K/MP5 遅くて重いパフォーマンス
UI カスタマイズ シンプルなインターフェースで、操作も簡単	🖼️	見づらくて操作しにくい
バックカメラ AHD バックカメラ対応	📷	CVBS のみ対応
自動車用 Realtek 8821 の WIFI/Bluetooth モジュール 更に速いまた安定的な Carplay/AndroidAuto 接続	📶	CarPlay/Android Auto の接続が遅くて不安定
ワイヤレス ミラーリング機能 幅広い互換性	📱	特定機種のみ対応
高品質なオーディオ体験 DSP 搭載 & 東芝製 TCB001 アンプ	🔊	DSP 非搭載 & 安価なチップ

Figure 5.3: DSP and Equalizer Settings

5.4 Bluetooth Connectivity

Connect your smartphone via Bluetooth for faster data transfer, wider communication range, and enhanced anti-interference capabilities. Enjoy music from apps like Spotify and Apple Music with high sound quality, and make hands-free calls while driving.

※リバースミュートON/OFF可能、デフォルトではOFFになります。
※EONON バックカメラA0127は本製品に対応していません。



Figure 5.4: Bluetooth Music and Hands-Free Calling

5.5 Type-C Fast Charging

The unit features a Type-C fast charging port that supports multiple fast charging protocols (PPS/PD3.0/PD2.0/QC4.0+/QC3.0/QC2.0/FCP/SCP/AFC/PE1.1/PE2.0/SFCP). This allows for quick and efficient charging of compatible devices.

短い筐体デザイン、取付をより簡単に

今までのカーナビと違い、奥行きがより短い筐体のデザインを採用。
取り付けがより容易になり、初心者でも手軽に取り付けられます。



ご注意

ご購入の前に、コンソール
パネルのサイズと形状をご確認ください。

取り付け可能かどうか不安な場合は、下記の
情報をお問い合わせ窓口までご連絡ください。

1.車の型式 / 2.車の年式 / 3.取り付け位置の写真



Figure 5.5: Type-C Fast Charging

5.6 Steering Wheel Control

Program frequently used operations to your steering wheel buttons for safe and convenient control while driving, without needing to touch the unit or remote control.



ご注意：本機はタッチパネルからテレビの操作ができません。リモコン操作のみ対応します。

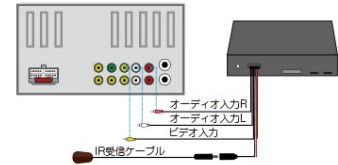


Figure 5.6: Steering Wheel Control Interface

5.7 Radio (Wide FM/FM/AM)

The unit supports Wide FM, FM, and AM radio bands, allowing you to enjoy a variety of radio stations.



Figure 5.7: Radio Interface

5.8 AHD Rear Camera Support

The unit supports AHD rear cameras up to 1280*720 resolution (EONON A0119J sold separately). When reverse gear is engaged, the display automatically switches to the rear camera view. Features include image flip, guideline display (on/off), and mirror image. Reverse mute is OFF by default.



Figure 5.8: AHD Rear Camera View

5.9 TV Viewing (Optional)

By connecting an external terrestrial digital tuner (EONON V0051 compatible, sold separately), you can watch TV on the unit. Please note that TV operation is only possible via remote control, not through the touch panel.



Figure 5.9: TV Tuner Connection

6. MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the QLED touch screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **General Cleaning:** Wipe the unit's body with a dry, soft cloth. Do not use solvents or detergents.
- **Environmental Protection:** The product uses environmentally friendly materials and features enhanced durability. The packaging is designed to protect the product from impacts during transport and storage.

7. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; Vehicle power issue.	Check power cable connections; Inspect and replace fuse if necessary; Verify vehicle's power supply.
CarPlay/Android Auto connection issues (e.g., frequent disconnections, failure to launch).	Incompatible smartphone/OS version; Outdated app; Unstable Wi-Fi (for wireless); Faulty USB cable (for wired).	Ensure smartphone meets requirements (Android 6.0+/iOS 5+); Update Android Auto/CarPlay app; Use a high-quality USB cable; Check 5GHz Wi-Fi compatibility for wireless Android Auto. Restart the car engine and the unit.
Ghost touch or incorrect screen response.	Software glitch; Screen calibration issue.	Perform a system reset (RST button); Check for firmware updates.
Poor sound quality or no sound.	Incorrect speaker wiring; Volume too low; DSP/EQ settings misconfigured.	Verify speaker connections; Adjust volume; Reset DSP/EQ settings to default.
Bluetooth connection unstable or fails.	Interference; Device too far; Pairing issue.	Ensure devices are within range; Re-pair the Bluetooth device; Check for other interfering devices.
Rear camera not displaying.	Incorrect camera wiring; Faulty camera; Reverse signal not detected.	Check camera power and video input connections; Ensure reverse trigger wire is correctly connected.

8. SPECIFICATIONS

Feature	Detail
Brand	Eonon
Model Number	X3J
Screen Size	7 inches
Display Type	QLED Touch Panel
Resolution	1024 x 600p
Connectivity Technology	Bluetooth, USB
Controller Type	Mechanical Knob, Touch, Voice
Output Power	4 x 45 Watts
Audio Output Mode	Surround
Compatible Devices	Smartphones
Color	Black
Included Components	Power cable x1, 10A fuse x1, External microphone x1, Manual x1, Mounting screws x8, Brake cable x1

Feature	Detail
Technical Standard Compliance	Japan Radio Law Certified (Number: 222-260240)

9. WARRANTY

EONON products typically come with a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official EONON website for detailed warranty terms and conditions. Keep your proof of purchase for warranty claims.

10. SUPPORT

For technical assistance, product inquiries, or support, please contact EONON customer service through the following channels:

- **Official Website:** Visit www.eonon.com for FAQs, support resources, and contact information.
- **Email Support:** Refer to your product packaging or the official website for the support email address.
- **Online Store Support:** If purchased from Amazon, you can contact the seller "eonon direct- " through your Amazon order history.

When contacting support, please have your product model (X3J) and purchase details ready.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question