EONON X3UJ

EONON X3UJ 1DIN Car Audio System User Manual

Model: X3UJ

1. INTRODUCTION

Thank you for purchasing the EONON X3UJ 1DIN Car Audio System. This manual provides detailed instructions for the installation, operation, and maintenance of your new device. Please read this manual thoroughly before use to ensure proper functionality and to maximize your user experience. Keep this manual for future reference.

This image displays the EONON X3UJ 1DIN car audio system, featuring a 6.36-inch IPS touchscreen. The screen shows a navigation map on the left and music playback on the right. Also visible are the physical volume knob, USB port, and AUX input. Below the main unit, the included accessories are laid out: a backup camera, an external microphone, and installation keys.

2. PRODUCT FEATURES

The EONON X3UJ is a versatile 1DIN car audio system designed to enhance your in-car entertainment and connectivity. Key features include:

- **High-Quality Audio & Radio:** Equipped with a TDA7851 amplifier for 4x48W high output and surround sound effects, offering a theater-level audio experience. A 10-band EQ allows for detailed sound customization. The SI4745 high-sensitivity radio tuner ensures stable reception for FM/AM/Wide FM, providing access to traffic information, music, and news.

- **Smart Connectivity:** Supports wireless and wired CarPlay/Android Auto for seamless smartphone integration, enabling navigation, music, weather forecasts, and voice assistant access via touch panel or voice commands. Mirroring function allows displaying smartphone content (e.g., maps, videos) on the car audio screen.

- **Bluetooth 5.3:** Features Bluetooth 5.3 for stable music playback and phonebook synchronization. Supports hands-free calling with an external microphone for clear, noise-free conversations while driving.

- **Steering Wheel Control:** Compatible with steering wheel controls, allowing safe operation of volume, track changes, and channel selection without removing hands from the steering wheel.

- **Backup Camera:** Includes an IP68 waterproof backup camera that automatically displays the rear view when the vehicle is in reverse gear, enhancing parking safety.

- **Multifunctional USB Port:** Provides a USB port for wired CarPlay/Android Auto connection, smartphone charging (not fast charging), and USB memory playback of music, videos, and images. Supports 8-128GB USB memory.

- **Multi-Terminal Output:** Offers 3-system output for easy connection to external displays or speakers, and 2-system input for flexible external device connections, allowing shared viewing and audio across multiple devices.

- **6.36-inch IPS Touch Panel & Physical Knob:** Features a capacitive multi-touch IPS screen with 1280*480p resolution for smooth and precise operation. A physical volume knob provides convenient control.

- **Easy Installation Design:** Designed for simple installation and removal, with two standard removal keys included.

An image showing the EONON X3UJ unit integrated into a car's dashboard, with a focus on its 6.36-inch IPS multi-touch screen. Surrounding icons illustrate its main features: ST TDA7851 amplifier, SI4745 radio tuner, wireless/wired CarPlay and Android Auto, mirroring, Bluetooth 5.3, steering wheel control, physical volume knob, USB memory support, and simple installation design. A backup camera is also prominently featured.
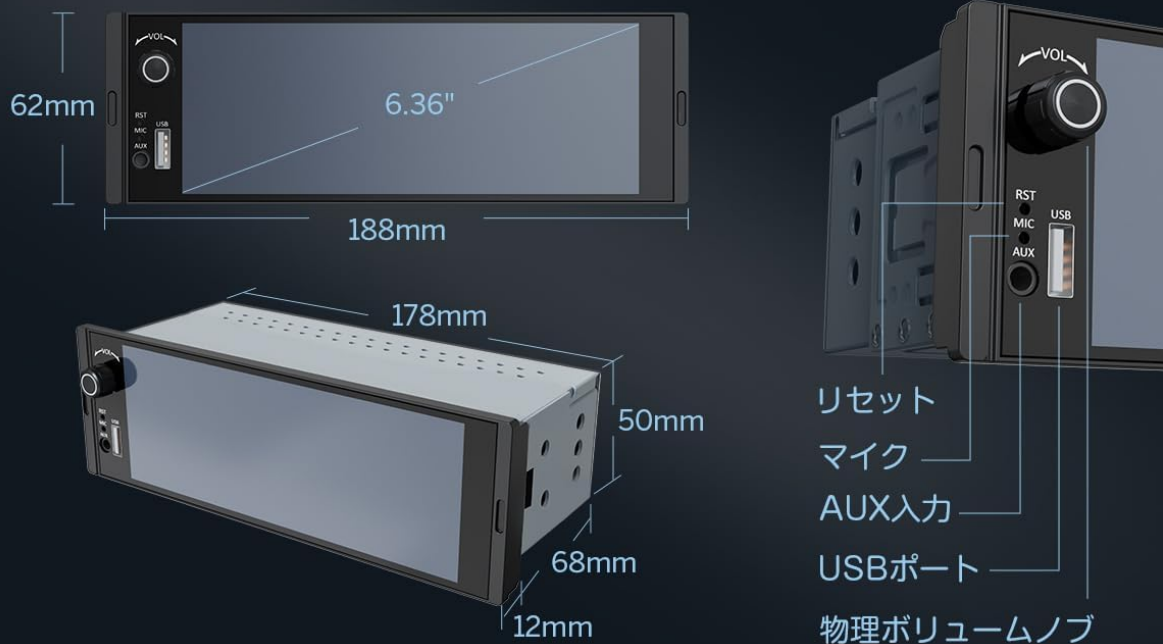
3. SETUP

3.1. Installation

The EONON X3UJ is designed for 1DIN car audio slots. Due to variations in vehicle models and dashboard configurations, professional installation is highly recommended. Ensure the unit fits correctly into your vehicle's 1DIN space. The unit features an easy installation/removal design using the provided keys.

- **Pre-Installation Check:** Verify the dimensions of the unit against your car's dashboard opening.
- **Mounting:** Secure the unit using the provided mounting screws.
- **Removal:** Insert the two removal keys into the slots on either side of the unit until they click, then gently pull the unit out.

This image provides practical installation information. The top section shows the simple mechanism for installing and removing the EONON X3UJ unit using included keys. The bottom section provides precise dimensions of the unit: 188mm width, 62mm screen height, 178mm body width, 50mm body height, 68mm depth, and 12mm screen thickness, aiding in pre-installation checks.

3.2. Wiring Diagram

Refer to the detailed wiring diagram below for correct connections. Incorrect wiring can damage the unit or your vehicle's electrical system. If you are unsure, consult a professional installer.

CarPlay・Android Autoのご利用条件について

iPhone（CarPlay）
*iPhone5以降に対応

Androidスマホ（Android Auto）
*GoogleサービスとAndroid Auto機能に対応しているスマホでのみご利用可能。また、一部のスマホは有線のAndroid Autoのみ対応しています。
*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。
例：
Android 11.0搭載のすべての機種
Android 10.0を搭載したGoogleまたはSamsungのスマートフォン
Android 9.0搭載のSamsung Galaxy S8、Galaxy S8+またはNote 8

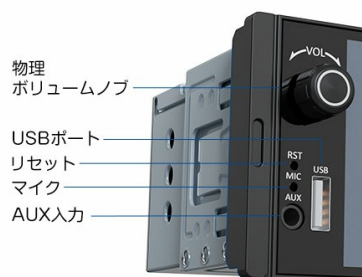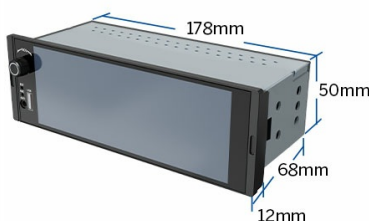*有線Android Autoには、スマートフォンがAndroid 6.0以上で最新版のAndroid Auto APPがインストールされている必要があります。

A comprehensive wiring diagram illustrating all necessary connections for the EONON X3UJ. This includes power (BATT+12V, ACC, GND), speaker outputs (front, rear), steering wheel control (SWC1, SWC2), reverse trigger, antenna control, illumination, video input/output, audio input/output, and backup camera input. Specific notes are provided for steering wheel remote control wiring and ground connections.

3.3. Included Accessories

The following items are included in your EONON X3UJ package:

- Power Cable x 1
- 15A Fuse x 1
- External Microphone x 1
- Instruction Manual x 1
- Backup Camera x 1
- Speaker Output Cable x 1
- Removal Keys x 2
- Mounting Screws x 2

パネルサイズ、取付サイズ

This image displays all items included in the EONON X3UJ package: a backup camera (6m cable), an external microphone (1.8m cable), a power cable, a speaker output cable, two removal keys, two mounting screws, a 15A fuse, and the instruction manual.

4. OPERATING INSTRUCTIONS

4.1. Basic Operation

- **Power On/Off:** The unit typically powers on with the vehicle's ignition. To manually turn off, press and hold the power button (usually integrated with the volume knob).
- **Volume Control:** Use the physical volume knob on the front panel to adjust the audio level.

4.2. Radio (FM/AM/Wide FM)

Access the radio function from the main menu. Use the on-screen controls to scan for stations, save presets, and switch between FM, AM, and Wide FM bands. The SI4745 tuner provides stable reception.

This image details the audio capabilities of the EONON X3UJ. It shows the unit's screen displaying a 10-band equalizer for fine-tuning sound. An illustration of the TDA7851 amplifier chip highlights its role in delivering high-quality audio. Below, the SI4745 high-sensitivity radio tuner is shown, indicating support for FM/AM/Wide FM reception, with icons for traffic

4.3. Bluetooth Connectivity

- **Pairing:** Go to the Bluetooth settings on the unit and enable Bluetooth on your smartphone. Search for the EONON X3UJ device and pair them.

- **Hands-Free Calling:** Once paired, you can make and receive calls directly through the unit. The external microphone ensures clear voice transmission.

- **Bluetooth Audio:** Stream music from your smartphone to the car audio system wirelessly.

This image highlights Bluetooth and backup camera functionalities. The top section shows the EONON X3UJ screen during a Bluetooth call, with a woman driving, indicating hands-free communication. An external microphone is also shown. The bottom section features the IP68 waterproof backup camera, demonstrating its night vision and 640x480 NTSC resolution, with an example of its view when reversing into a parking space.

4.4. CarPlay & Android Auto

Connect your smartphone to enable CarPlay or Android Auto functionalities.

- **Wired Connection:** Connect your smartphone to the unit's USB port using a compatible USB cable.
- **Wireless Connection:** For wireless CarPlay/Android Auto, ensure your smartphone supports 5GHz Wi-Fi and has the latest Android Auto app installed (for Android Auto).
- **Functions:** Access navigation, music, messages, and voice assistants (Siri, Google Assistant) directly from the unit's screen.

4.5. Mirroring Function

The mirroring function allows you to display your smartphone's screen on the EONON X3UJ. This can be done via wired or wireless connection.

- **Usage:** Ideal for viewing maps, photos, or videos from your phone.
- **Note:** Due to copyright restrictions, some apps like Netflix may not support mirroring.

The image illustrates the smart connectivity features. The top part shows the EONON X3UJ screen running Apple CarPlay, displaying various app icons for phone calls, music playback, messages, navigation, and voice control. The bottom part demonstrates the mirroring function, where a smartphone screen displaying video content is duplicated on the car audio unit, supporting platforms like YouTube and Hulu.

4.6. USB Media Playback

Insert a USB memory device (8-128GB) into the USB port to play various media files.

- **Supported Image Formats:** JPEG, BMP, PNG
- **Supported Video Formats:** MPG, DAT, TS, AVI, MP4, MOV, 3GP, ASF, VOB, MKV, FLV, RM, RMVB
- **Supported Audio Formats:** MP3, WMA, WAV, OGG, AAC, FLAC, APE

付属品

バックカメラ(6m)×1	外付けマイク(1.8m)×1	電源ケーブル×1	スピーカー出力ケーブル×1
取り外し用キー×2	取付用ネジ×2	15Aヒューズ×1	説明書×1

A detailed view of the EONON X3UJ's front panel, focusing on the USB port and AUX input, which support various media formats including JPEG, BMP, PNG for images; MPG, DAT, TS, AVI, MP4, MOV, 3GP, ASF, VOB, MKV, FLV, RM, RMVB for video; and MP3, WMA, WAV, OGG, AAC, FLAC, APE for audio. The image also emphasizes the 6.36-inch IPS multi-touch screen with 1280x480 resolution and a physical volume knob.

4.7. Backup Camera

When the vehicle is shifted into reverse gear, the unit will automatically switch to display the rear view from the connected backup camera. This feature enhances safety during parking maneuvers.

This image highlights Bluetooth and backup camera functionalities. The top section shows the EONON X3UJ screen during a Bluetooth call, with a woman driving, indicating hands-free communication. An external microphone is also shown. The bottom section features the IP68 waterproof backup camera, demonstrating its night vision and 640x480 NTSC resolution, with an example of its view when reversing into a parking space.

4.8. Steering Wheel Control

If your vehicle supports steering wheel controls, you can configure them to operate the EONON X3UJ. This allows you to adjust volume, change tracks/channels, and manage calls without distraction.

- **Setup:** Access the steering wheel control settings in the unit's menu. Follow the on-screen instructions to program each button.

This image illustrates the unit's versatility. The top part shows the EONON X3UJ playing video, with the output being shared to rear-seat monitors, indicating RCA output/AUX input capabilities. The bottom part displays the steering wheel control setup screen, allowing users to program buttons on their steering wheel to manage volume, tracks, and calls without taking their hands off the wheel.

4.9. Audio Settings (EQ)

Utilize the 10-band equalizer to fine-tune the audio output to your preference. Adjust various frequency bands to achieve your desired sound profile.

5. MAINTENANCE

To ensure the longevity and optimal performance of your EONON X3UJ car audio system, follow these

maintenance guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air to clean around buttons and ports.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, as this can affect its electronic components.
- **Liquid Contact:** Prevent any liquids from entering the unit. In case of accidental spills, immediately power off the unit and allow it to dry completely before use.
- **Cable Connections:** Periodically check all cable connections to ensure they are secure and free from damage.

6. TROUBLESHOOTING

If you encounter issues with your EONON X3UJ, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power	Loose power connection, blown fuse, vehicle battery issue.	Check power cables, inspect the 15A fuse (replace if blown), ensure vehicle battery is charged.
No Sound	Volume too low, mute activated, incorrect audio source, loose speaker wires.	Increase volume, check mute status, select correct audio source, verify speaker connections.
Bluetooth Not Connecting	Bluetooth off on unit/phone, device not in pairing mode, interference.	Ensure Bluetooth is enabled on both devices, put unit in pairing mode, try re-pairing, move closer to the unit.
CarPlay/Android Auto Not Working	Incorrect USB cable, phone not compatible, app not updated, wireless connection issues.	Use original/certified USB cable, check phone compatibility, update app, ensure 5GHz Wi-Fi for wireless.
Backup Camera Not Displaying	Loose camera connection, reverse trigger wire not connected, faulty camera.	Check camera cable, verify reverse trigger wire connection, test camera functionality.
Touchscreen Unresponsive	Software glitch, screen dirty, physical damage.	Restart the unit, clean the screen, if issue persists, contact support.

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

7. SPECIFICATIONS

Feature	Detail
Brand Name	Eonon

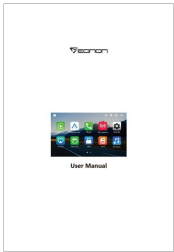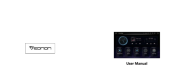| Feature	Detail
Model Number	X3UJ
Compatible Devices	Smartphones
Color	Black
Battery Use	No
Manufacturer	EONON
Other Features	IPS Touch Screen, Wireless/Wired Android Auto+CarPlay Compatible
Connectivity Technology	Bluetooth, USB
Screen Size	6.36 inches
Product Dimensions	7 x 17.8 x 5 cm
Item Weight	0.5 Kilograms
Controller Type	Mechanical Knob
Connector Type	USB Type-A
Audio Output Mode	Surround

8. WARRANTY AND SUPPORT

EONON products are designed for reliability and performance. For warranty information, please refer to the warranty card included with your product or visit the official EONON website. If you require technical assistance, troubleshooting, or have questions about your EONON X3UJ, please contact EONON customer support. Details can typically be found on the EONON website or in your purchase documentation.

Related Documents - X3UJ

ᐁeonon	**Eonon VWA12S User Manual: Features, Installation, and Operation Guide** 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.
ᐁeonon	**Eonon P3 User Manual: Installation, Features, and Connectivity** 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.

	Eonon Car Multimedia System User Manual Comprehensive user manual for the Eonon car multimedia system, detailing installation, product overview, features like CarPlay, Android Auto, Bluetooth phone calls and music, USB/SD playback, screen mirroring, FM transmit, settings, specifications, and frequently asked questions.
	BMW 3 Series E46 Installation Manual - Eonon Head Unit 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.
	BMW 3 Series (E90/E91/E92/E93) 2005-2011 Eonon Head Unit Installation Manual 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.
	Eonon Android Car Stereo User Manual - Navigation, Bluetooth, Media, and More Comprehensive user manual for Eonon Android car stereos, covering setup, navigation, Bluetooth connectivity, media playback, app installation, CarPlay, Android Auto, and system settings.