EONON X3UK

Eonon 7" Double Din Car Stereo User Manual

Model: X3UK

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Eonon 7" Double Din Car Stereo (Model X3UK). Please read this manual thoroughly before using the product to ensure proper functionality and safety.

KEY FEATURES

- **Upgraded Native Linux System:** Ensures smoother and stable user experience.
- **Wireless CarPlay & Android Auto:** Seamless smartphone integration for navigation, music, and calls.
- **MirrorLink:** Easily mirror your phone's screen onto the car display.
- **Built-in DSP:** 16-band graphic equalizer and 7 EQ modes for robust sound.
- **7-inch 1024x600 QLED Touch Screen:** Wide 178° viewing angle for clear visibility.
- **AHD 720P Backup Camera Input:** Includes a backup camera for enhanced safety.
- **Physical Buttons & Volume Knob:** For convenient and safe operation while driving.
- **Fast Charging Port:** Type-C port for quick phone charging.

WHAT'S IN THE BOX

- Eonon X3 Car Stereo Unit
- Backup Camera (A0125)
- Power Cable
- External Microphone
- Parking Brake Signal Wire
- 10A Fuse
- Screws (x8)
- Rotary Knob
- User Manual

Fast charging, compatible with more mobile phones

2 USB ports for music, videos and pictures

- Physical buttons for easier handling while driving
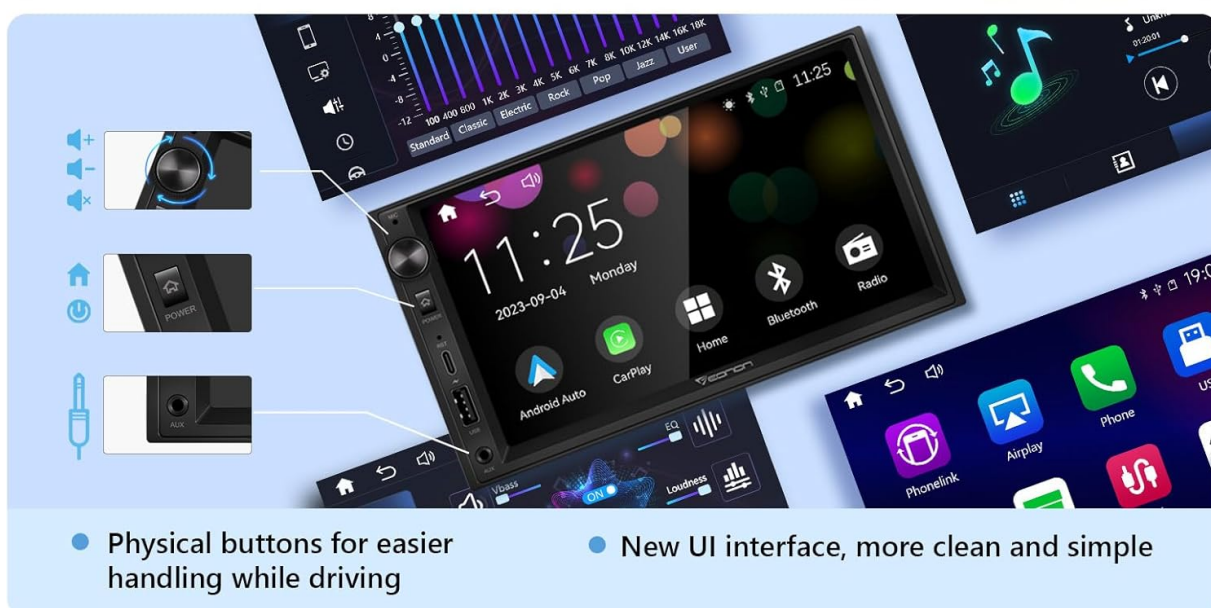- New UI interface, more clean and simple

Image: Detailed view of the Eonon X3 car stereo unit and its included accessories, such as the backup camera, wiring harnesses, and user manual.
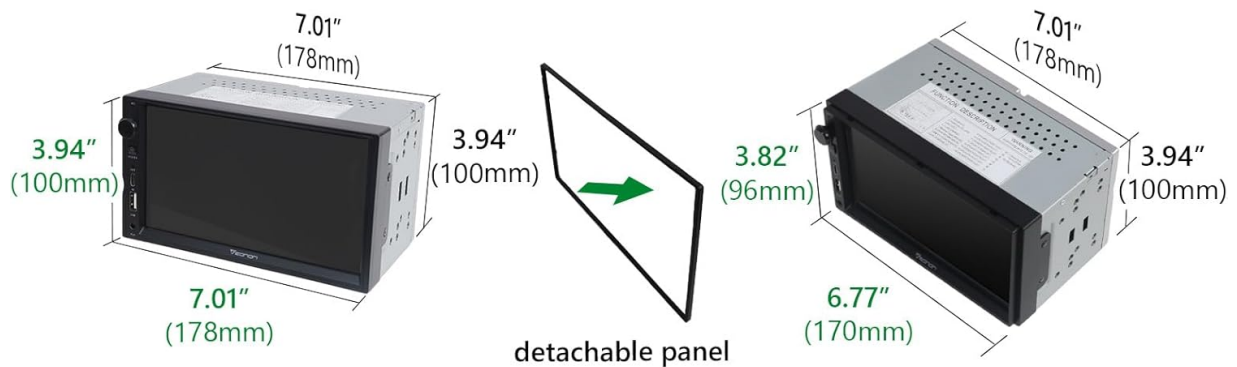
INSTALLATION

The Eonon X3 is a 7-inch Universal Double DIN Head Unit. Its panel is removable and can be installed on dashboards with dimensions ranging from 170*96mm to 178*100mm. If your car dashboard size does not fall within this range, an extra installation kit (not included) may be required.

Installation Size and Compatibility

Installation Size of X3 Car Radio

The panel of X3 is removable and it can be installed on a dashboard with dimensions ranging from **170*96mm to 178*100mm.**

170-178mm
96-100mm

178mm
50mm

7.01"
(178mm)

3.94"
(100mm)

3.94"
(100mm)

7.01"
(178mm)

3.82"
(96mm)

detachable panel

7.01"
(178mm)

3.94"
(100mm)

6.77"
(170mm)

NOTE: X3 is a 2 DIN car radio, NOT suitable for 1 Din car.

Image: Visual guide illustrating the adjustable panel size of the X3 unit, indicating compatibility with various double DIN openings. Note that the X3 is a 2 DIN car radio and not suitable for 1 DIN cars.

2 DIN Kit Required

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

Installation kit needed

ISO connector for factory car radio

If the power cable of your original radio is an **ISO plug** (shown on the left), it can be **DIRECTLY** connected to the ISO power cable of the X3. If **NOT**, you will need to buy an **ISO adapter cable** to connect it.

You can use these key words to find suitable mounting kit or wire harness for your car online.

| Car make & model & year | + | ISO harness | 🔍 |
| Car make & model & year | + | 2 din kit | 🔍 |

Image: Illustration detailing when a 2 DIN installation kit is required and how to connect the ISO power cable. If your original radio's power cable is an ISO plug, direct connection is possible; otherwise, an ISO adapter cable (not included) is needed.

Wiring Diagram

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

QLED Touch Screen

1024*600P resolution | 178° viewing angles | 1080P video playback

7"

AM/FM Radio

Built-in RDS
18 FM + 12 AM Storable

Bluetooth

Hands-free calling | Sync contacts | Bluetooth music

DSP & AMP

7 EQ Modes & 16 Graphic EQ | Max. 4x45W Output

Image: Comprehensive wiring diagram for the X3 unit, labeling connections such as GND, Reverse Wire, SWC Wires, ISO Port, Brake Shift Control, USB, External Microphone, Radio Antenna Input, Backup Camera Input, Subwoofer Output, Video Input/Output, Audio Input/Output, and Front Camera Input.

Installation Video

For a visual guide on the installation process, please watch the official Eonon installation video:

Your browser does not support the video tag.

Video: An installation guide for the Eonon X3 car stereo, demonstrating the steps to install it in a vehicle, including wiring and mounting.

SETUP

Wireless CarPlay & Android Auto Setup

The X3 supports both wired and wireless CarPlay and Android Auto. To set up wireless connectivity, ensure your phone's Wi-Fi and Bluetooth are enabled. Search for the Eonon device in your phone's Bluetooth settings and pair. Confirm the authorization request on your phone.

Image: Visual representation of the Eonon X3's compatibility with wireless and wired CarPlay, Android Auto, and MirrorLink, showcasing various phone interfaces on the stereo screen.

Wireless Android Auto Setup Video

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Video: A step-by-step guide on how to set up wireless Android Auto with the Eonon X3 car stereo.

Wireless CarPlay Setup Video

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Video: Instructions on how to set up wireless CarPlay functionality on the Eonon X3 car stereo.

Steering Wheel Control (SWC) Setup

The X3 universal 2 DIN car stereo supports analog SWC signals. For cars controlled by digital signals, a separate SWC adapter cable (NOT Included) is required to convert the digital signal to analog.

SWC Setup Video

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Video: A tutorial demonstrating how to set up the steering wheel controls for the Eonon X3 car stereo.

DSP and Audio Settings

The built-in DSP (Digital Sound Processor) allows for precise audio customization. Access the DSP settings to adjust the 16-band graphic equalizer, 7 EQ modes, and other audio parameters for optimal sound quality.

Image: Screenshot of the Eonon X3's DSP interface, highlighting options for Vbass, Balance, Loudness, Emperor, and Filter settings to fine-tune audio output.

OPERATING

Basic Operation

The 7-inch QLED touch screen provides a user-friendly interface. Navigate through menus by tapping and swiping. The unit also features a volume knob and physical buttons for easy access to essential functions while driving, minimizing distractions.

Eonon		Others
Native Linux system Smooth and stable performance.		F133/8268K/MP5. Slow and laggy performance.
Customized UI Simple interface and easy operation.		Ugly & unfriendly.
Backup camera Support AHD backup camera.		Support CVBS only.
Realtek 8821 automotive-grade WiFi/BT module Faster and more stable CarPlay/ Android Auto connections.		Sluggish and unstable connections for CarPlay/Android Auto.
Wireless screen mirroring Wide compatibility.		Only applicable to specific phones.
Built-in DSP Superior audio experience.		No built-in DSP.

Image: Close-up of the Eonon X3's physical buttons and rotary knob, emphasizing their ergonomic design for convenient control during driving.

Radio (FM/AM)

Access the FM/AM radio function from the main menu. The unit supports RDS and allows for storing up to 18 FM and 12 AM stations for quick access.

Wiring Diagram
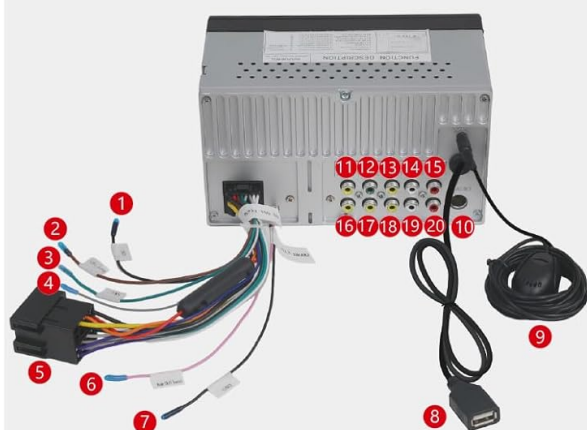
1. GND	11. Backup Camera Input
2. Reverse Wire	12. Subwoofer Output
3. SWC Wire 1	13. Video Input
4. SWC Wire 2	14. Audio Input L
5. ISO Port	15. Audio Input R
6. Brake Shift Control	16. Front Camera Input
7. GND	17. Video Output 2
8. USB	18. Video Output 1
9. External Microphone	19. Audio Output L
10. Radio Antenna Input	20. Audio Output R

Accessories

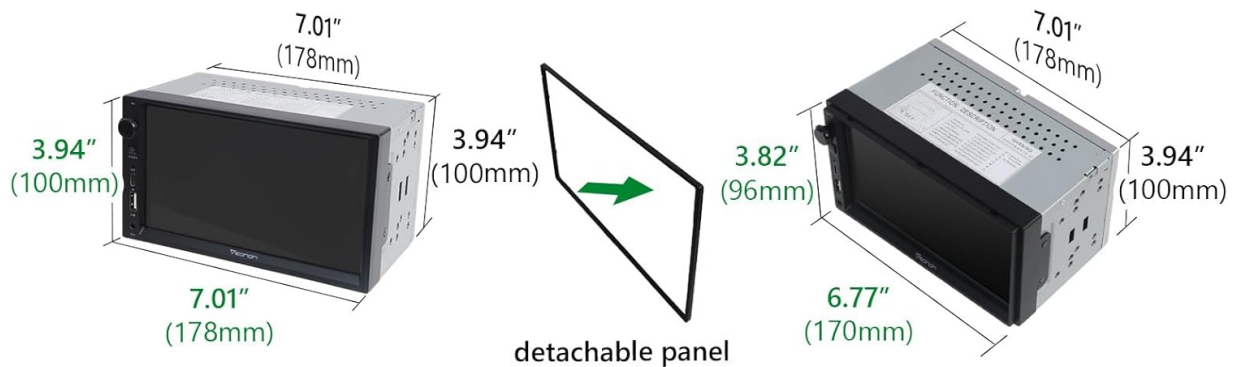| ❶ Power Cable *1	❷ External Microphone *1	❸ Parking Brake Signal Wire *1	❹ 10A Fuse *1
❺ Screw *8	❻ Rotary Knob *1	❼ A0125 Backup Camera*1	❽ User Manual *1

Image: Display of the Eonon X3's AM/FM radio screen, showing frequency tuning, station presets, and RDS (Radio Data System) information.

Bluetooth Connectivity

Connect your smartphone via Bluetooth for hands-free calling and audio streaming. The unit allows you to sync contacts and play music directly from your device.

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Image: A user's hand holding a smartphone connected to the Eonon X3 via Bluetooth, illustrating music playback and hands-free calling capabilities.

Backup Camera Functionality

The included AHD 720P backup camera provides a clear view of your surroundings when reversing. The display automatically switches to the camera feed when the vehicle is put into reverse.
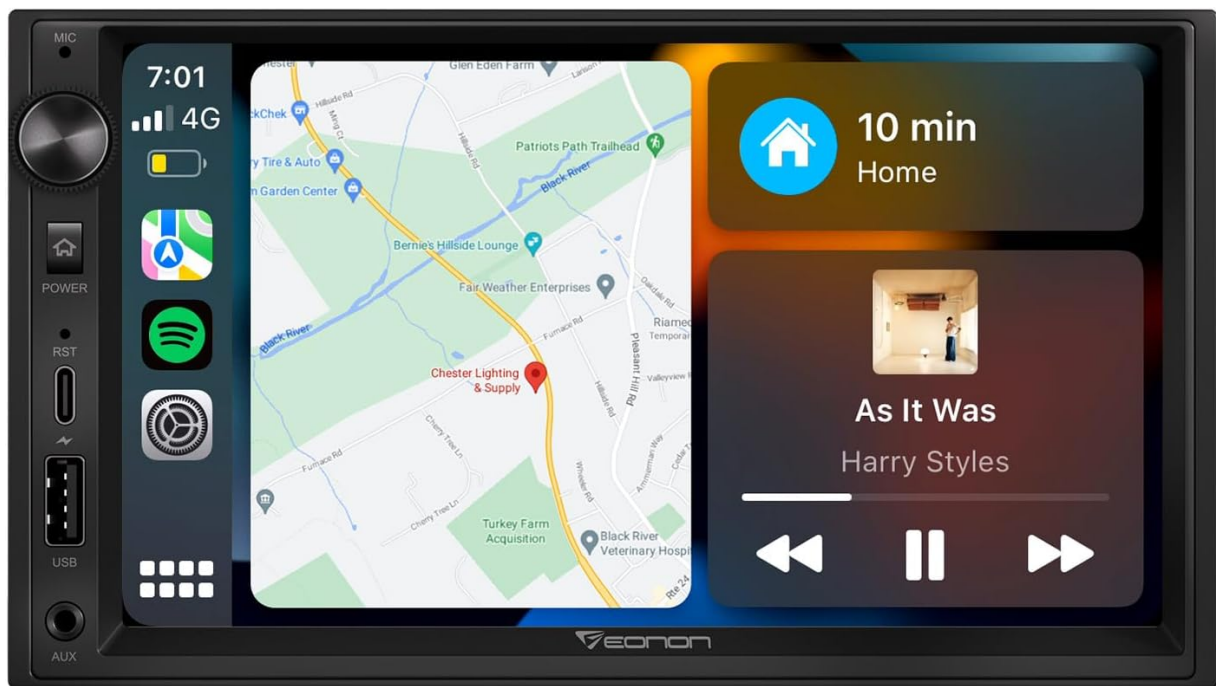
Image: The Eonon X3 screen displaying the view from the included AHD 720P backup camera, with parking guidelines visible. The physical camera unit is also shown.

MAINTENANCE

Firmware Update

To ensure optimal performance and access to the latest features, it is recommended to keep your X3's firmware updated. Refer to the official Eonon website for the latest firmware versions and detailed update instructions.

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Video: A guide on how to upgrade the firmware for the Eonon X3/X3 Plus car stereo models.

TROUBLESHOOTING

If you encounter any issues with your Eonon X3 car stereo, please refer to the following common troubleshooting steps:

- **No Power:** Check all power connections and the 10A fuse. Ensure the ignition is on.
- **No Audio:** Verify speaker connections and audio output settings in the DSP. Ensure volume is not muted.
- **Bluetooth Connectivity Issues:** Ensure Bluetooth is enabled on both the stereo and your phone.

Try unpairing and re-pairing the devices.

- **CarPlay/Android Auto Not Connecting:** Check wired connections (if applicable) and ensure Wi-Fi and Bluetooth are active for wireless connections. Restart both the stereo and your phone.
- **Screen Unresponsive:** Perform a soft reset using the RST button (if available) or power cycle the unit.

Audio Not Working Troubleshooting Video

Your browser does not support the video tag.

Video: A customer-provided video demonstrating an issue with audio not working on the Eonon X3 unit, which may offer insights for troubleshooting.

SPECIFICATIONS

Feature	Detail
Product Dimensions	3.94 x 7.1 x 3.94 inches
Item Weight	1.76 pounds
Item Model Number	X3UK
Wireless Communication Technologies	Bluetooth, Wi-Fi
Connectivity Technologies	Bluetooth, Wi-Fi, USB
Special Features	Android Auto, Built-In Bluetooth, Apple CarPlay, Voice Control, Hands-Free Calling
Display Features	Wireless
Color	Black
Manufacturer	Eonon
Country of Origin	China
Controller Type	Linux
Compatible Devices	Smartphone
Connector Type	USB, 3.5mm Jack
Audio Output Mode	Stereo
Video Encoding	AVI, MKV, MP4, WMV, RMVB, MPG

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Eonon website or contact their customer service. Protection plans are also available for purchase separately.

Related Documents - X3UK

EONON	**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	**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.
EONON	**Eonon X20 User Manual: Car Stereo Installation, Features, and Troubleshooting** Comprehensive user manual for the Eonon X20 car stereo. Learn about installation, features like Android Auto, CarPlay, Bluetooth, USB/SD playback, settings, and troubleshooting tips.
EONON	**Eonon X3 User Manual: Car Stereo Features and Operation** Comprehensive user manual for the Eonon X3 car stereo, detailing features like wireless CarPlay, Android Auto, Bluetooth connectivity, USB/SD media playback, radio functions, and settings.
BMW 3 Series 1999-2004 E46 Installation Manual	**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 2005-2011 E90/E91/E92/E93 Installation Manual	**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.