

EONON X20PLUS

Eonon 10.1 Inch Double Din Car Stereo

MODEL: X20PLUS

Wired and Wireless CarPlay & Android Auto, Mirror Link, QLED Display Car Radio Receiver, Quick Charge/Built in DSP, Bluetooth 5.0

1. Introduction

Thank you for choosing the Eonon X20PLUS Car Stereo. This manual provides detailed instructions for the installation, operation, and maintenance of your new car stereo. Please read this manual thoroughly before use to ensure proper functionality and safety.

2. Setup and Installation

2.1 What's in the Box

The Eonon X20PLUS package includes all necessary components for installation and operation. Please verify all items are present upon unboxing.

What's in the box?



Power Cable *1



External Microphone *1



10A Fuse *1



Screw *8



User Manual *1

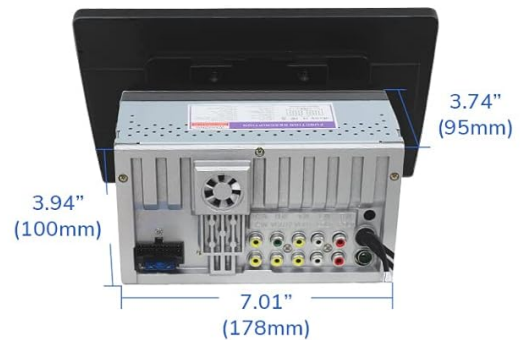
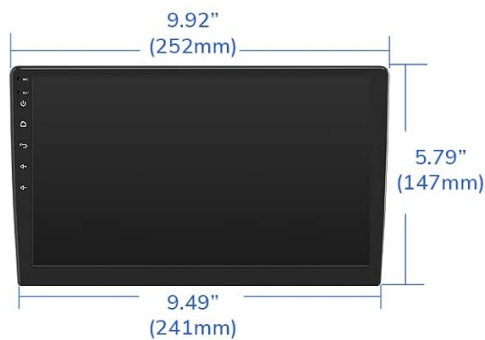


Figure 2.1: Main components included in the Eonon X20PLUS package.

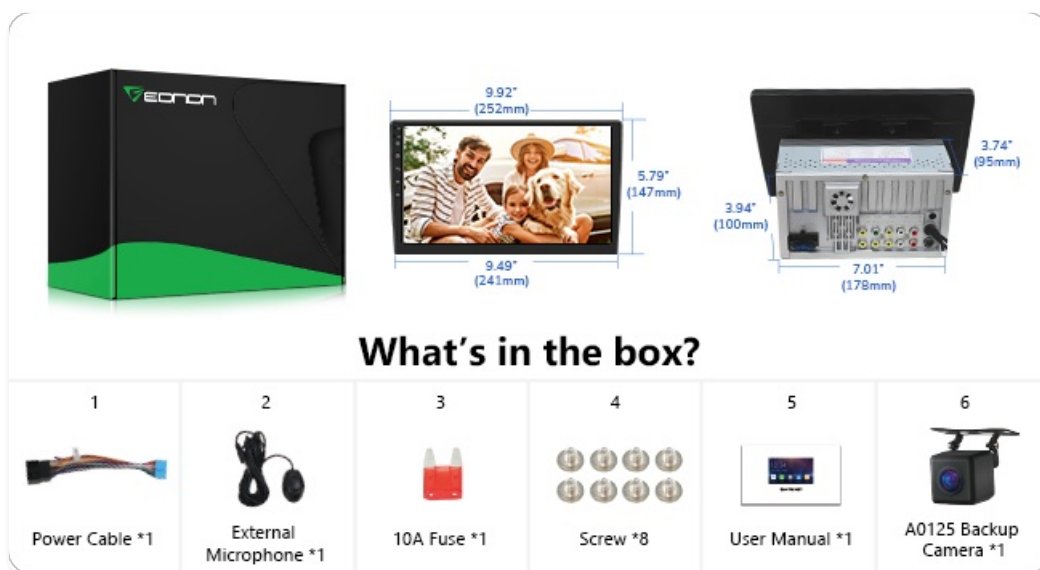


Figure 2.2: Detailed breakdown of items in the box, including the optional A0125 Backup Camera.

2.2 Dimensions and Compatibility

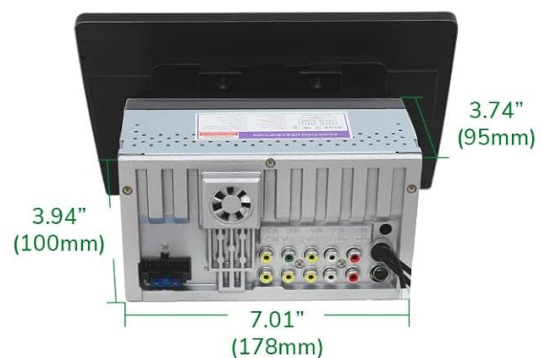
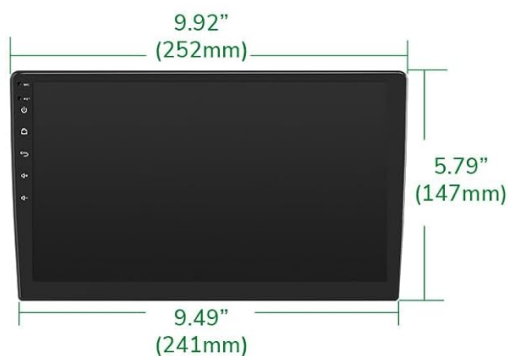
The X20PLUS is designed for a 178*100mm dashboard size. Please measure your vehicle's dashboard opening to ensure compatibility. If your original car radio size is not 178*100mm, an extra installation kit may be

required.

Applicable Models

X20PLUS fits **178*100mm** size dashboard.

Before purchasing, check this link to confirm whether the unit fits your car: <https://fit.eononsupport.com>



NOTE: X20PLUS is a 2 DIN car radio, NOT suitable for Single Din car.

Figure 2.3: Eonon X20PLUS dimensions and dashboard compatibility examples. Note: X20PLUS is a 2 DIN car radio, NOT suitable for Single Din cars.



Figure 2.4: Direct installation is possible if your original radio is 178*100mm and has an ISO connector.

2.3 Wiring Diagram

Carefully connect the provided wiring harness to your vehicle's electrical system. Refer to the diagram below for proper connections. Ensure all connections are secure to prevent malfunctions.

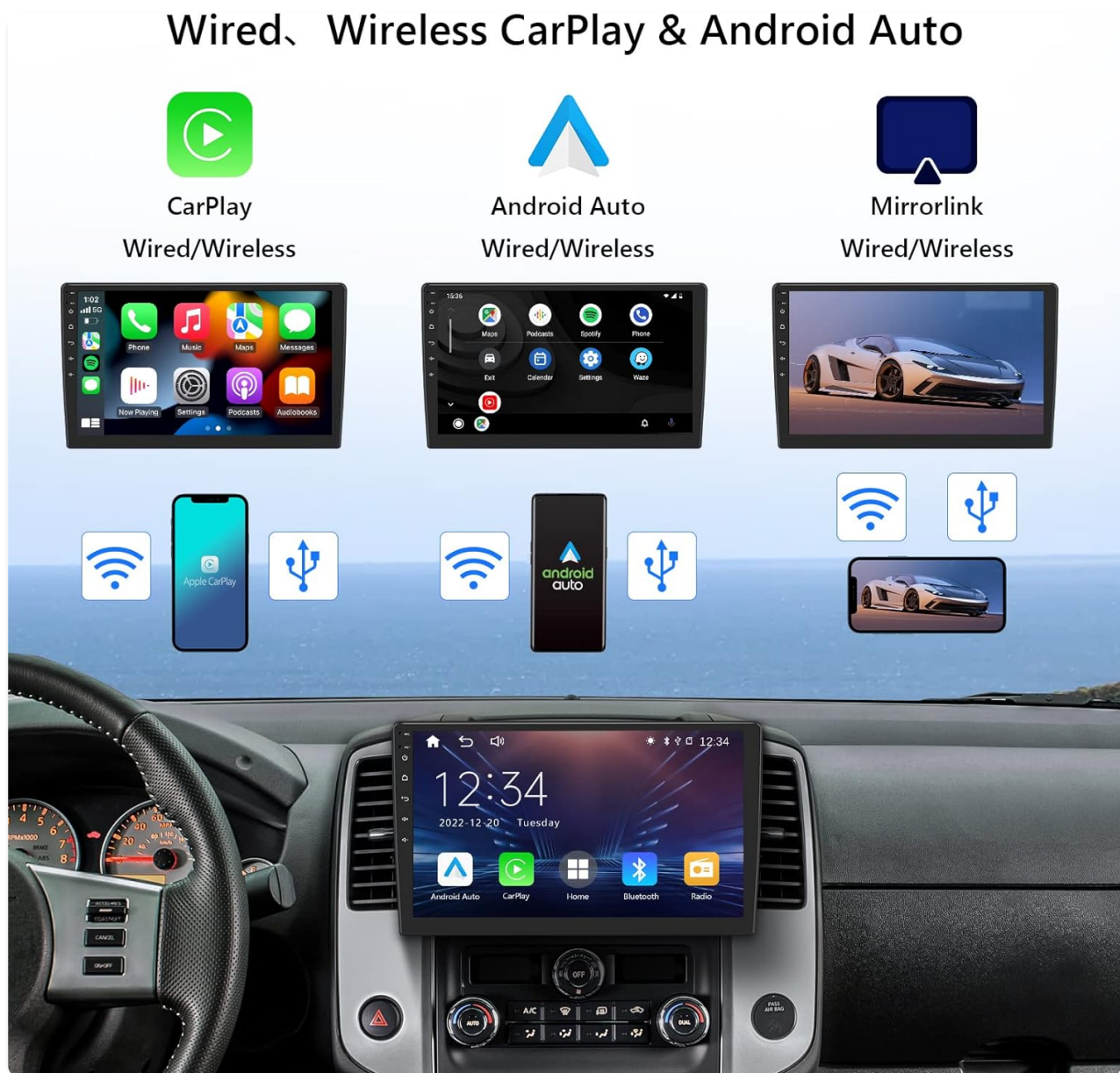


Figure 2.5: Comprehensive wiring diagram for the Eonon X20PLUS head unit.



Figure 2.6: Simplified wiring diagram showing key connections like ISO port and USB ports.

2.4 Installation Tips

If your original car radio's power cable is not an ISO plug, you will need to purchase an adapter cable. Use keywords like 'Car make & model & year + ISO harness' or 'Car make & model & year + 2 din kit' to find suitable mounting kits or wire harnesses online.

Extra Kit Need

If the original car radio size is **NOT** 178*100mm, X20PLUS needs extra **KIT** to install.



ISO connector for factory car radio

X20PLUS is equipped with ISO standard interface power cable. If the power cable of your original car radio is NOT an ISO plug, you MUST NEED to buy another 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



Figure 2.7: Extra kit may be needed for installation if dimensions or connectors do not match.

Figure 2.8: Tips for finding compatible installation accessories online.

3. Operating Instructions

3.1 QLED Display

The Eonon X20PLUS features a 10.1-inch QLED touch screen with a resolution of 1024x600, offering a brilliant viewing experience with wide 178° viewing angles.

Clearly QLED Display

7 inch QLED touch screen can offer you a brilliant screen-viewing.



720P HD Back up Camera

This feature needs A0125 Back up Camera.(Package Included)



Figure 3.1: QLED display offers enhanced visual quality compared to older technologies.



Figure 3.2: The 10.1-inch QLED display provides superior viewing angles.

3.2 Wired and Wireless CarPlay & Android Auto

The X20PLUS supports both wired and wireless CarPlay and Android Auto, allowing seamless integration with your smartphone for navigation, music, calls, and more.

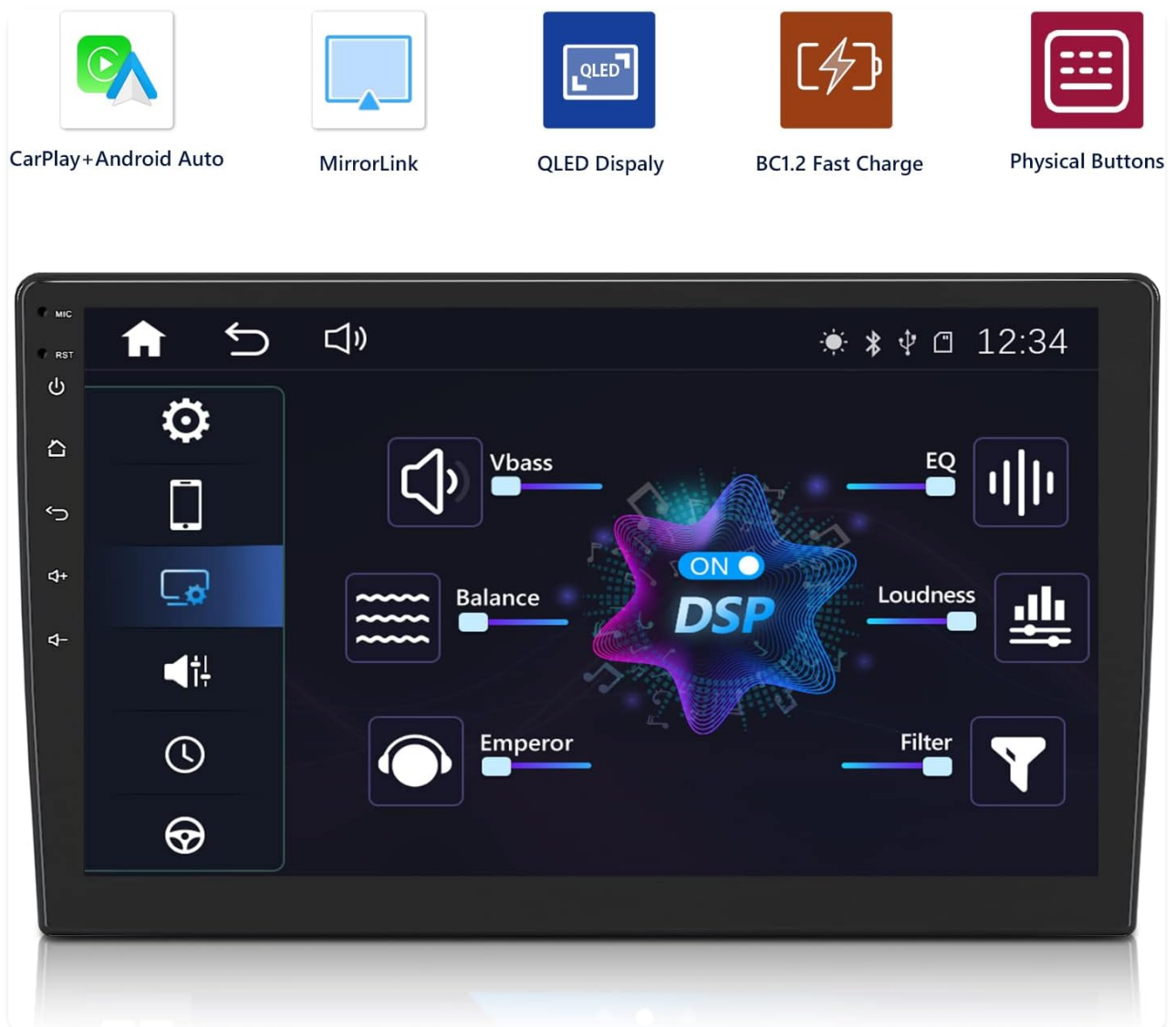



Figure 3.3: Overview of wired and wireless connectivity options for CarPlay, Android Auto, and MirrorLink.


Video 3.1: Demonstrates how to connect CarPlay and Android Auto on the Eonon X20 Series Car Stereo, showing both wired and wireless setup processes.



Figure 3.4: Apple CarPlay interface on the car stereo display.

Use these key words to find a proper mounting kit or wire harness for your car online:

Car make & model & year + ISO harness 

Car make & model & year + 2 din kit 



2 DIN KIT for your car model

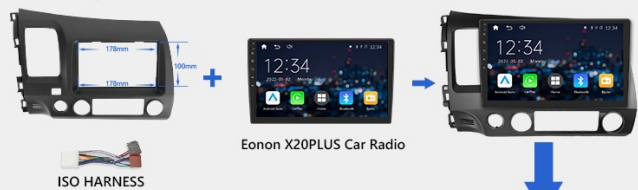


Figure 3.5: Android Auto interface on the car stereo display.

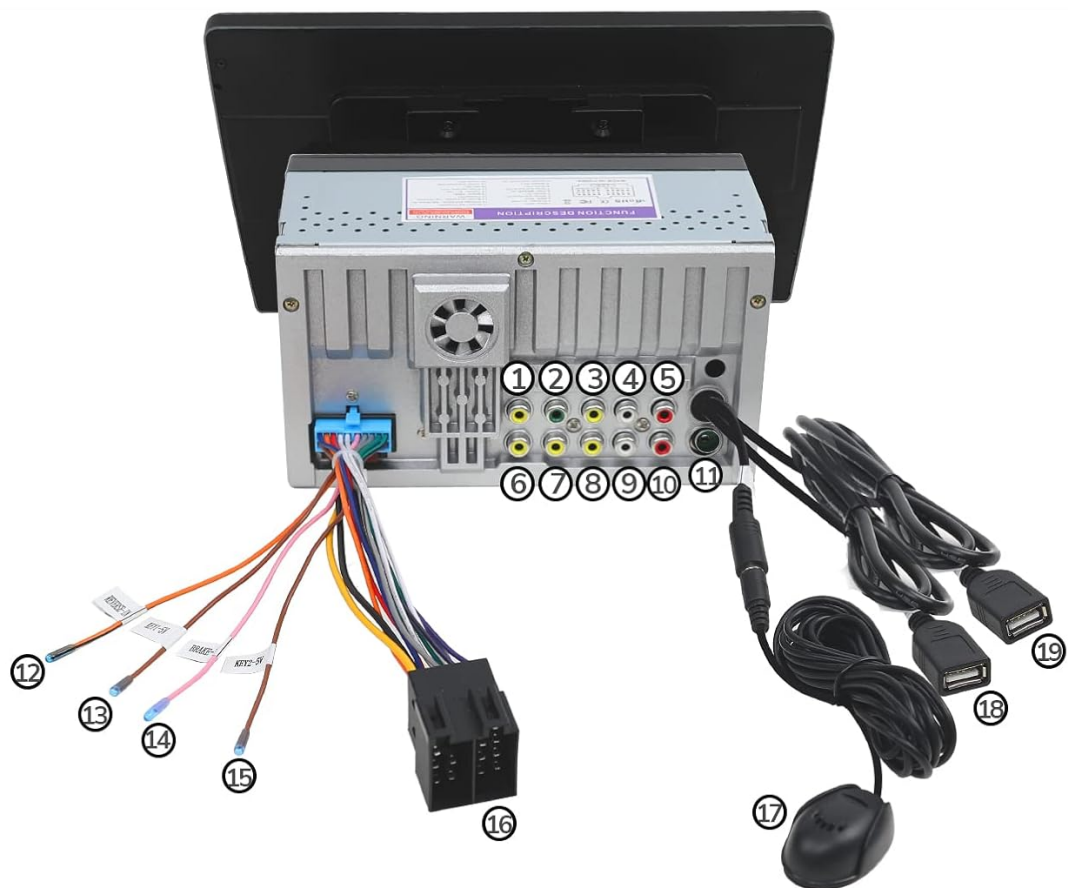
If the size of the original radio is 178*100mm and has ISO connector, you can DIRECTLY install X20.



Figure 3.6: MirrorLink/AirPlay allows screen mirroring from your smartphone.

3.3 Built-in DSP (Digital Sound Processor)

Experience superior audio quality with the built-in DSP, offering a 16-band graphic equalizer and 7 EQ modes for customized sound. It also supports sound field and time delay adjustment for optimal listening.



- | | | |
|------------------------|-------------------------|--|
| 1. Backup Camera Input | 8. Video Output 1 | 15. Key 2 |
| 2. Subwoofer Output | 9. Audio Output L | 16. ISO Port |
| 3. Video Input | 10. Audio Output R | 17. External Microphone |
| 4. Audio Input L | 11. Radio Antenna Input | 18. USB Port (Only for charging) |
| 5. Audio Input R | 12. Reverse Wire | 19. USB Port (For CarPlay, Android Auto and a USB flash drive) |
| 6. Front Camera Input | 13. Key 1 | |
| 7. Video Output 2 | 14. Brake Wire | |

Figure 3.7: Built-in DSP interface for advanced audio customization.

3.4 Bluetooth 5.0 and AM/FM Radio

Bluetooth 5.0 ensures stable and smooth hands-free calls. The unit also features an AM/FM radio with 18 FM and 12 AM station memory to enhance your driving experience.

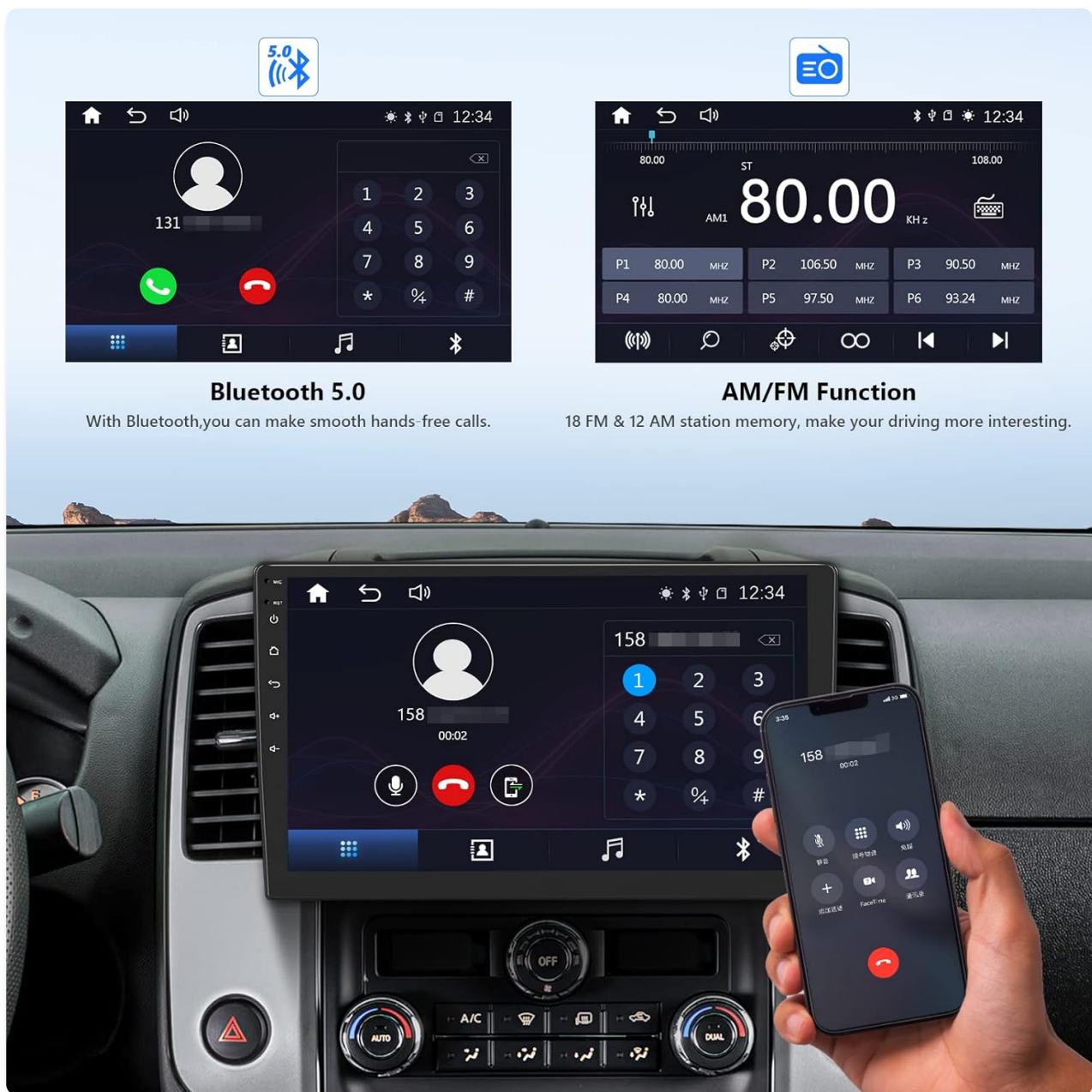



Figure 3.8: Bluetooth 5.0 for hands-free calls and AM/FM radio functionality.


3.5 Steering Wheel Controls

The Eonon X20PLUS supports steering wheel controls, allowing you to manage volume, tracks, and other functions directly from your steering wheel for convenience and safety.

Video 3.2: This video provides a general overview of the Eonon X20PLUS, including glimpses of its user interface and features like steering wheel control compatibility.

Use these key words to find a proper mounting kit or wire harness for your car online:

Car make & model & year + ISO harness 

Car make & model & year + 2 din kit 



2 DIN KIT for your car model

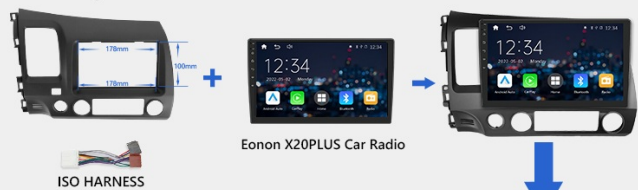


Figure 3.9: Steering wheel controls allow for convenient operation while driving.

3.6 Fast Charging

The X20PLUS supports BC1.2 fast charging protocol, allowing you to charge your phone at 1.5A/5V via the USB port.



Figure 3.10: Fast charging capability for compatible smartphones.

3.7 Backup Camera Support

The unit supports a 720P backup camera (A0125, included in some packages) with a 140° wide viewing angle and IP68 waterproof rating, enhancing safety during reverse maneuvers.



Figure 3.11: Backup camera view on the Eonon X20PLUS display.

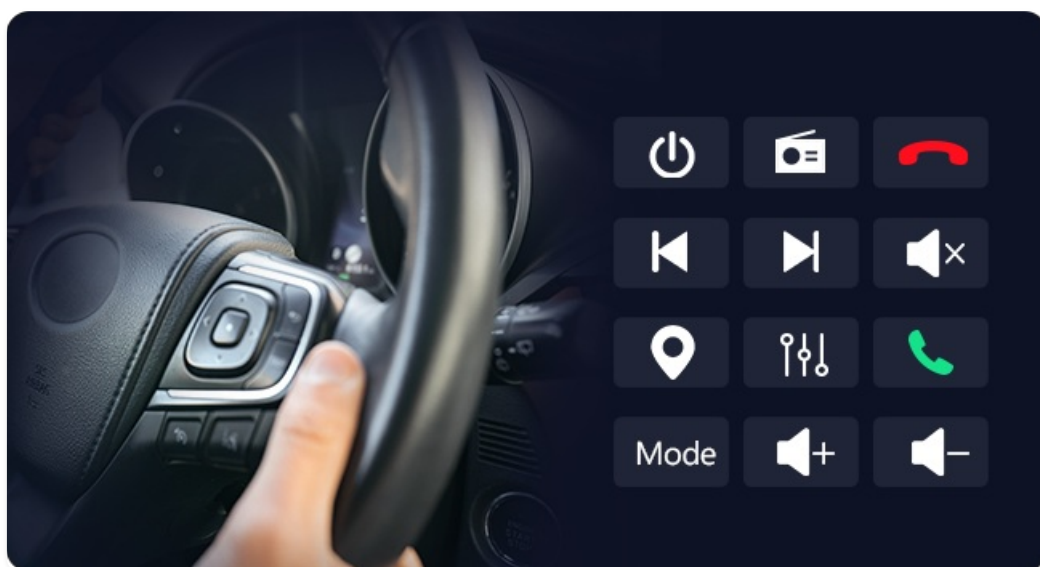


Figure 3.12: AHD 720P Camera A0125 features.

4. Maintenance

To ensure the longevity and optimal performance of your Eonon X20PLUS, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates from Eonon's official website or support channels to ensure you have the latest features and bug fixes.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Connections:** Periodically check all cable connections to ensure they are secure and free from damage.

5. Troubleshooting

If you encounter issues with your Eonon X20PLUS, refer to the common problems and solutions below. For persistent issues, please contact customer support.

Problem	Possible Cause	Solution
No Power	Loose power connection, blown fuse, vehicle battery issue.	Check power cable connections. Inspect and replace fuse if blown. Verify vehicle battery health.
No Sound	Incorrect speaker wiring, volume too low, mute activated, DSP settings.	Verify speaker connections. Increase volume. Check mute status. Adjust DSP settings.
CarPlay/Android Auto Connectivity Issues	Incorrect phone settings (Wi-Fi/Bluetooth), faulty USB cable, app not updated.	Ensure phone's Wi-Fi and Bluetooth are on. Use a certified USB cable. Update CarPlay/Android Auto apps on your phone. Restart both phone and head unit.
Clock Does Not Hold Time	Incorrect wiring (ACC/B+), software bug.	Verify ACC and B+ wiring. Check for software updates that address timekeeping issues.
Lagging Performance	Too many apps running in background, low RAM.	Close unnecessary apps. Restart the unit. Consider factory reset if persistent.

6. Specifications



Feature	Detail
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Feature	Detail
Product Dimensions	9.92 x 5.79 x 3.94 inches
Item Weight	5.72 pounds (2.6 Kilograms)
Display Type	10.1 inch QLED Touch Screen
Resolution	1024 x 600
RAM	2 GB
Connectivity Technologies	Bluetooth (5.0), USB
Controller Type	Android
Compatible Devices	Smartphone
Audio Output Mode	Stereo
Surround Sound Channel Configuration	2.0
Manufacturer	Eonon
First Available Date	January 15, 2020

7. Warranty and Support

Eonon products typically come with a standard manufacturer's warranty. For specific warranty details, registration, or technical support, please visit the official Eonon website or contact their customer service directly. You can also refer to the [EONON Store on Amazon](#) for additional resources and contact information.

Related Documents - X20PLUS

	<p>Eonon VWA12S User Manual: Features, Installation, and Operation Guide</p> <p>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.</p>
	<p>BMW 3 Series E46 Installation Manual - Eonon Head Unit</p> <p>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.</p>

	<p>BMW 3 Series (E90/E91/E92/E93) 2005-2011 Eonon Head Unit Installation Manual</p> <p>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.</p>
	<p>Eonon Q63Pro Installation Manual for Mazda 3 (2010-2013)</p> <p>Detailed installation guide for the Eonon Q63Pro 9-inch Android 10 car stereo head unit in Mazda 3 vehicles (2010-2013). Covers GPS, CarPlay, Android Auto, DSP, Bluetooth, and more.</p>
	<p>Eonon Android Car Stereo User Manual - Navigation, Bluetooth, Media, and More</p> <p>Comprehensive user manual for Eonon Android car stereos, covering setup, navigation, Bluetooth connectivity, media playback, app installation, CarPlay, Android Auto, and system settings.</p>
	<p>Eonon Q49PRO User Manual</p> <p>User manual for the Eonon Q49PRO car stereo, covering installation, features, settings, and troubleshooting.</p>