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XTRONS Double Din 10.1 Inch

XTRONS Double Din DVD Car Stereo User Manual

Model: Double Din 10.1 Inch

Brand: XTRONS

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your XTRONS Double Din DVD Car Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This unit combines advanced features such as Android 13 OS, Octa Core processing, 4G LTE connectivity, Wireless CarPlay, Android Auto, and a high-resolution 10.1-inch touch screen to enhance your in-car entertainment and navigation experience.

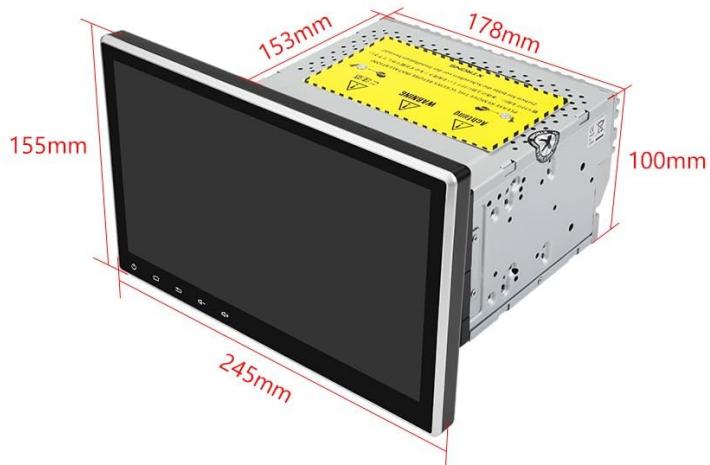
2. PRODUCT OVERVIEW & SETUP

2.1 What's in the Box

Please verify that all components are present before beginning installation:

- 1 × ISO Wiring Harness
- 1 × RCA Cable
- 1 × GPS Antenna
- 1 × Camera Cable
- 2 × USB Cable
- 1 × CANbus Cable
- 2 × Fitting Kits & 8 x Screws
- 2 × Installation Plug
- 1 × User Manual

Size



Accessories



1 x ISO Wiring Harness



1 x RCA Cables



1 x GPS Antenna



1 x 4G Antenna



2 x USB Cable



1 x CANbus Cable



1 x Camera Cable



1 x Radio Antenna Cable



8 x Screws



2 x Installation Plug



1 x Surround



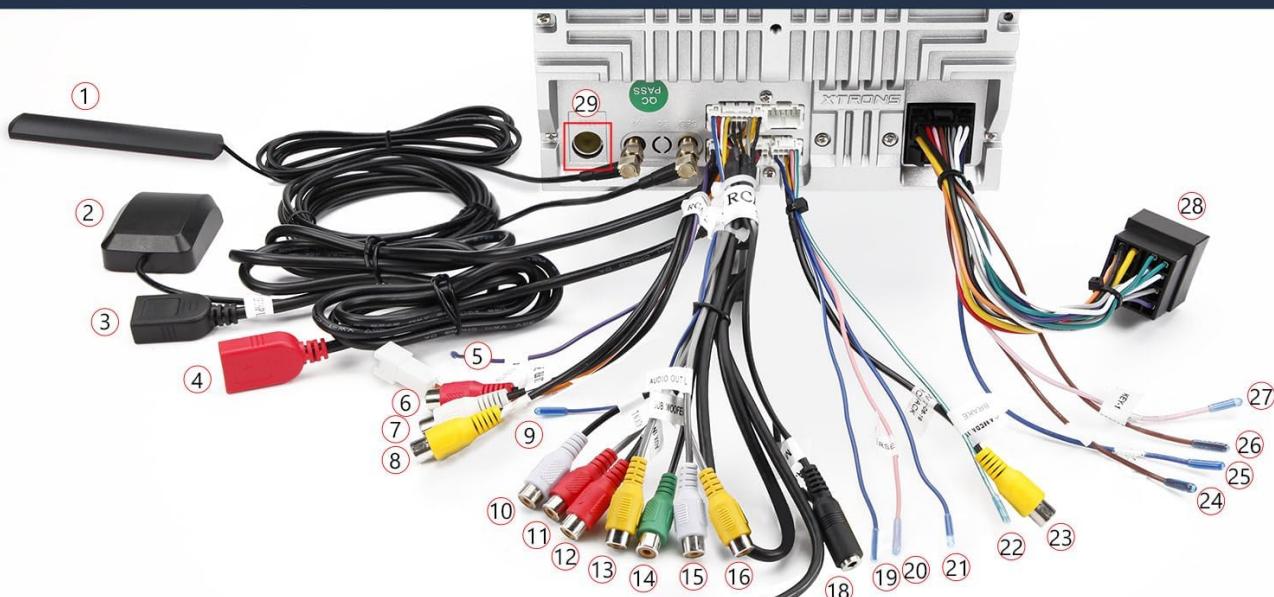
1 x User Manual

Figure 2.1: Included Accessories and Main Unit Dimensions.

2.2 Physical Installation

Before installation, ensure the vehicle's battery is disconnected. Refer to the wiring diagram for correct connections. Professional installation is recommended.

Wiring Diagram



1. 4G Antenna
2. GPS Antenna
3. USB Port1
4. CarAutoPlay Port
5. F CCD+12V, Front Camera Power Cable
6. REAR OUT R, Rear Right Audio Output
7. REAR OUT L, Rear Left Audio Output
8. coaxial out, Audio Coaxial Output
9. AMP-CONT, Amplifier Control Cable
10. AUX IN L, Audio Input Left
11. FRONT OUT R, Front Right Audio Output
12. AUX IN R, Audio Input Right
13. CVBS-IN-1, Video Input1
14. SUB WOOFER, Subwoofer Output
15. FRONT OUT L, Front Left Audio Output
16. F CAM IN, Front Camera Input
17. 4G SIM Card Slot
18. MIC, External Microphone Port
19. Wi-fi Antenna
20. CAM 12V, Reverse camera power cable
21. Bluetooth Antenna
22. BRAKE, Brake-in Cable
23. CAMERA-IN, Camera Video Input
24. KEY-1, Steering Wheel Control Key1
25. ANT CONT, Automatic Antenna Control
26. KEY-2, Steering Wheel Control Key2
27. REVERSE, Reversing Control Cable
28. ISO Wiring Harness
29. Radio Antenna Port

Figure 2.2: Wiring Diagram for the XTRONS Car Stereo.

1. 4G Antenna
2. GPS Antenna
3. USB Port1
4. CarAutoPlay Port
5. F CCD +12V, Front Camera Power Cable
6. REAR OUT R, Rear Right Audio Output
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21. Bluetooth Antenna
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23. CAMERA-IN, Camera Video Input
24. KEY-1, Steering Wheel Control Key1
25. ANT CONT, Automatic Antenna Control
26. KEY-2, Steering Wheel Control Key2
27. REVERSE, Reversing Control Cable
28. ISO Wiring Harness
29. Radio Antenna Port

2.3 Initial Power On

After successful 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 zone settings.

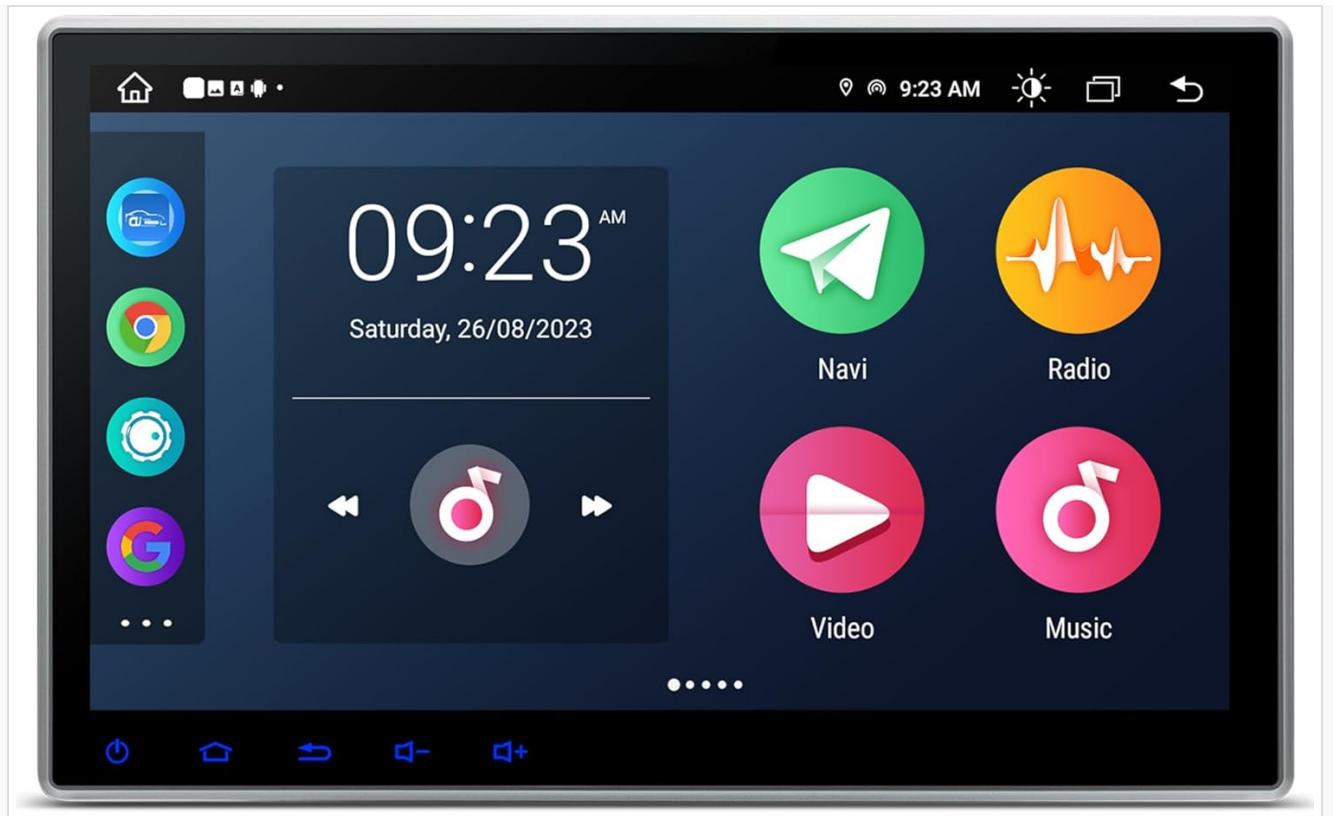


Figure 2.3: Main User Interface.

3. OPERATING INSTRUCTIONS

3.1 User Interface and Display

The unit features a 10.1-inch IPS touch screen with 1024x600 resolution, providing clear visuals and wide viewing angles. The dual UI theme allows for personalized interface customization.



Figure 3.1: Dual UI Themes and Key Features.

3.2 Key Features

3.2.1 Android 13 OS & Performance

Powered by the latest Android 13 OS with an Octa Core CPU, 2GB RAM, and 32GB ROM, this unit offers a fast and smooth user experience. You can download and install applications directly from the Play Store.

3.2.2 Global 4G LTE Connectivity

Insert a Micro-SIM card to enjoy 4G mobile broadband connection, supporting 99% of carriers worldwide for seamless online access.

Global 4G LTE, Connect with No Boundaries



Dual Band WiFi Module



Figure 3.2: Global 4G LTE and Dual Band WiFi.

3.2.3 Wireless CarPlay & Android Auto

Enhance driving safety and convenience with Wireless CarPlay and Wireless/Wired Android Auto. Access voice commands directly from the head unit by saying “Hey Siri” or “OK Google”.

Smartphone Connection



Figure 3.3: Smartphone Connection Options.

Your browser does not support the video tag.

Video 3.1: Demonstration of XTRONS Android Car Stereo features including CarPlay and Android Auto.

3.2.4 Built-in DVD Player

The unit includes a built-in multi-region DVD player compatible with most available DVD and CD formats, offering a wide range of entertainment options.

● Built-in DVD Player



● Adjustable Viewing Angles



Figure 3.4: Built-in DVD Player and Adjustable Viewing Angles.

3.2.5 Built-in DSP (Digital Sound Processor)

Experience enhanced audio quality with the built-in DSP, designed to optimize your music listening experience with features like smart bass, delay, and filter adjustments.

3.2.6 Radio with RDS

The unit features a built-in ST TDA7708 radio chip, covering AM/FM bands and offering state-of-the-art performance with multipath noise mitigation and RDS decoding.

3.2.7 Dual Band WiFi

Supports both 2.4GHz and 5GHz Wi-Fi bands, providing faster speed and flexibility for internet connectivity.

3.2.8 Bluetooth 5.0

Connect your mobile phone via Bluetooth 5.0 for hands-free calls, access to your phone book, call logs, contact search, and music streaming.

3.2.9 GPS Navigation

Supports various Android navigation software including Sygic, IGO, Waze, Google Maps, and more, providing reliable guidance for your journeys.

3.2.10 PIP Mode (Picture-in-Picture)

PIP is a floating video player that sticks to the foreground of your screen, allowing you to watch videos while multitasking with other applications.

3.2.11 Multi-window View

Run two applications on screen side by side. For example, you can open a navigation map on the left while using a music app on the right.

3.2.12 Optional Features (Sold Separately)

- DAB+ Tuner:** Enjoy DAB radio in your car by connecting an XTRONS USB DAB radio receiver stick via the USB port.
- OBD2 Support:** With the OBD2 function, you can retrieve real-time data and trouble codes from your vehicle's computer.

4. MAINTENANCE

To ensure the longevity and optimal performance of your XTRONS car stereo, follow these maintenance guidelines:

- Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- Temperature:** Do not expose the unit to extreme temperatures or direct sunlight for prolonged periods.
- Moisture:** Keep the unit dry. Moisture can damage internal components.
- Software Updates:** Periodically check the XTRONS official website for software updates to ensure the best performance and access to new features.

5. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check power cables, inspect fuses, verify vehicle battery.
No sound.	Volume too low, incorrect audio settings, speaker wiring issue.	Increase volume, check DSP/audio settings, verify speaker connections.
Touch screen unresponsive.	Software glitch, screen calibration needed.	Restart the unit, perform screen calibration if available in settings.
GPS signal lost or inaccurate.	GPS antenna obstructed or improperly installed.	Ensure GPS antenna has a clear view of the sky and is securely connected.
Bluetooth connection issues.	Device not in pairing mode, interference, outdated firmware.	Ensure device is discoverable, move away from interference, check for firmware updates.

For persistent issues not covered here, please contact XTRONS customer support.

6. SPECIFICATIONS

Key technical specifications for the XTRONS Double Din DVD Car Stereo:

Feature	Detail
Operating System	Android 13
Processor	Octa Core
RAM	2GB DDR4
ROM	32GB
Display Size	10.1 Inches
Display Resolution	1024x600
Display Type	IPS LED
Connectivity	Global 4G LTE, Dual Band Wi-Fi (2.4GHz/5GHz), Bluetooth 5.0
Features	Wireless CarPlay, Wireless/Wired Android Auto, Built-in DSP, Built-in DVD Player, GPS Navigation, PIP Mode, Multi-window View
Manufacturer	XTRONS
First Available	August 15, 2022

7. WARRANTY & SUPPORT

7.1 Warranty Information

XTRONS backs this unit with a 1-year warranty. This warranty covers manufacturing defects and ensures the product functions as intended under normal use. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please do not hesitate to contact XTRONS customer support. You can typically reach us via the Amazon email system for prompt replies and to ensure your rights and interests are protected.