

XTRONS 8 Core 8+128 CCC

XTRONS 8.8 Inch IPS Touch Screen Car Stereo User Manual

Model: 8 Core 8+128 CCC

Overview	Compatibility	Installation	Operation	Specifications	Troubleshooting	Warranty & Support
----------	---------------	--------------	-----------	----------------	-----------------	--------------------

1. PRODUCT OVERVIEW

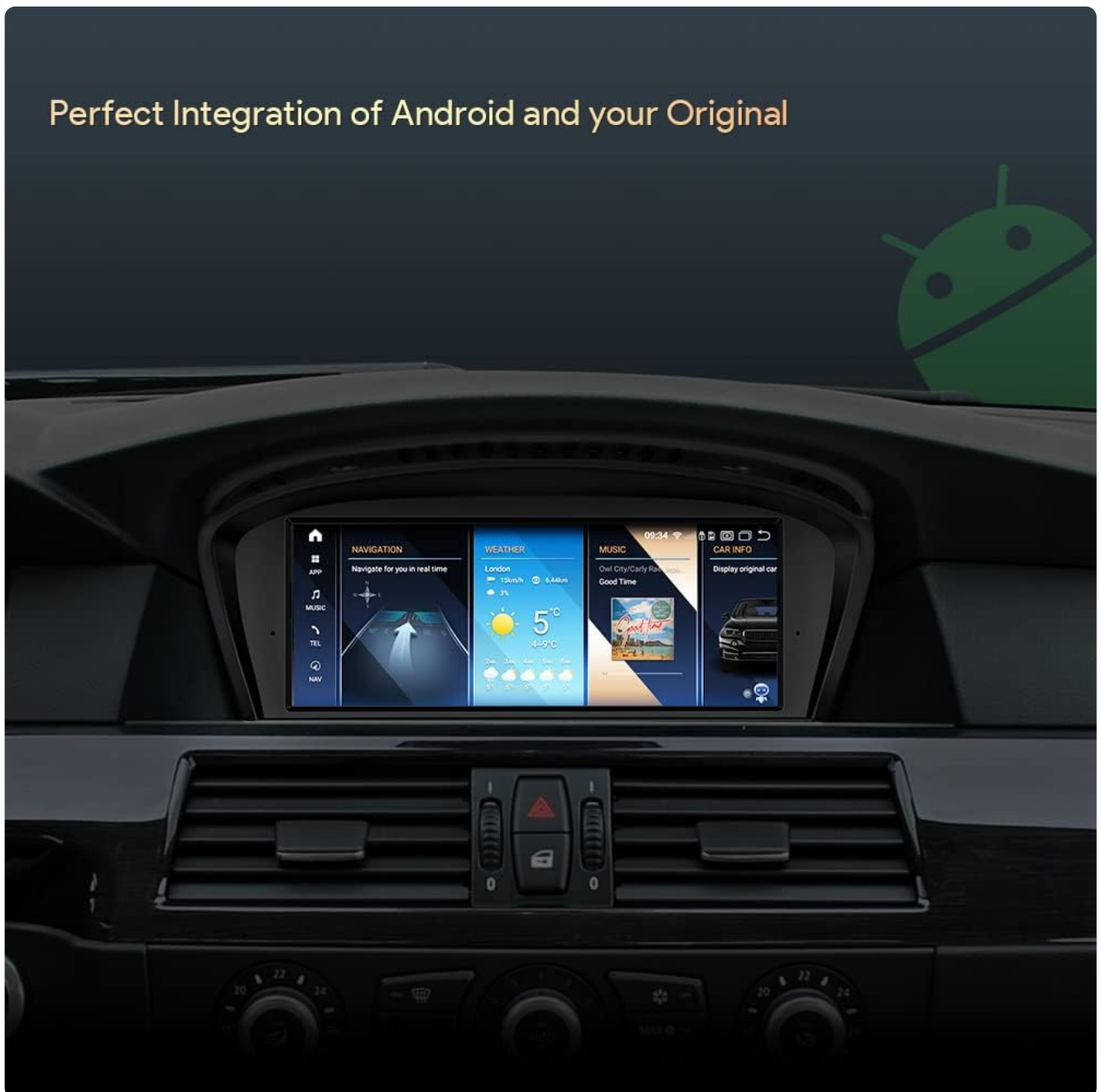
The XTRONS 8.8 Inch IPS Touch Screen Car Stereo is an advanced in-dash navigation and entertainment system designed to upgrade your BMW's original CCC system. Featuring Android 13, an Octa-core Qualcomm Snapdragon 662 processor, 8GB RAM, and 128GB ROM, it offers a responsive and feature-rich experience.

Key Features:

- **8.8-inch 1280x480 IPS Capacitive Touch Screen:** Provides clear visuals and responsive touch control with a 178° viewing angle.
- **Android 13 Operating System:** Powered by Qualcomm Snapdragon 662 Octa-core processor for smooth performance.
- **8GB RAM + 128GB ROM:** Ample memory and storage for applications and media.
- **Built-in Wireless Car Auto Play & Wired Android Auto:** Seamless smartphone integration.
- **Qualcomm Bluetooth 5.1:** Enhanced connectivity for hands-free calls and audio streaming.
- **Dual Wi-Fi Band (2.4GHz & 5GHz):** Faster and more stable internet connection.
- **GPS Navigation:** Supports various Android navigation software like Google Maps, Sygic, and Waze.
- **Retains Original Car Functions:** Preserves iDrive system control, original fiber optical sound system, CD, radio, BT, SWC, and backup camera display.



Figure 1.1: Front view of the XTRONS 8.8 Inch IPS Touch Screen Car Stereo.



2. COMPATIBILITY

This XTRONS car stereo is specifically designed for select BMW models with the CCC system. Please verify your vehicle's system before installation.

Applicable Models & Years:

- For BMW 3 Series: E90, E91, E92, E93 (Years: 2005, 2006, 2007, 2008) -**CCC System Only**
- For BMW 5 Series: E60, E61, E63, E64 (Years: 2005, 2006, 2007, 2008) -**CCC System Only**

NOTE: Ensure your car has an AUX-IN port. If not, an adapter may be required for sound output after installation. The 4G function is not supported in the Americas (US, Canada, etc.).

Compatible System

This unit **ONLY** works with the original E90 E91 E92 E93 E60 E61 E63 E64 **CCC system**.

How to check if my original system is CCC, CIC or NBT?

CCC system



Identical features of CCC: ①. Independent slots for CD and DVD. ②. a 10-pin LVDS port.
NOTE: A "Car Communication Computer" interface does not guarantee that you have the CCC system.



Both CD and DVD slot

A 10 pin LVDS port at the rear of the unit

A BMW Car Communication Computer Interface

CIC system



Please buy XTRONS QPB8260CIP if your vehicle comes with CIC system.

Identical features of CIC: ①. a 4-pin LVDS port. ②. a "CD" button on the iDrive controller.
NOTE: A "Car Information Computer" interface does not guarantee that you have the CIC system.



A 4 pin LVDS port at the rear of the unit

CD button

A BMW 'Car Information Computer' Interface

NBT system



Identical features of NBT: ①. a 6-pin LVDS port. ②. a "MEDIA" button on the iDrive controller or a touch pad iDrive controller.

NOTE: A "Car ConnectedDrive" interface does not guarantee that you have the NBT system.

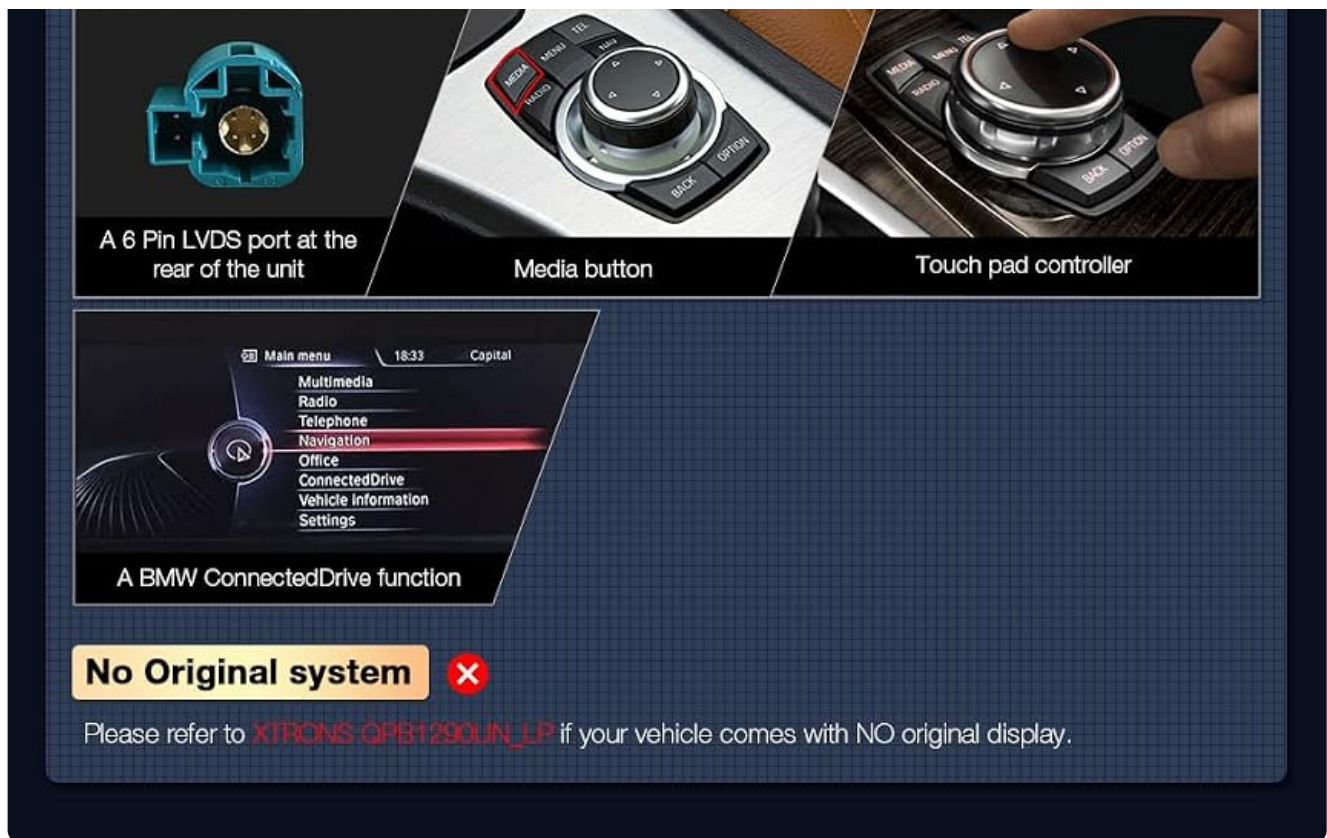


Figure 2.1: Visual guide to identify your BMW's original system (CCC, CIC, or NBT) to ensure compatibility.

3. INSTALLATION

Installation of the XTRONS car stereo requires careful attention to wiring and component placement. It is recommended to consult the included Installation Instructions for detailed steps. Below is an overview of the included accessories and wiring.

Included Accessories:

- 1 × ISO Wiring Harness
- 1 × RCA Cable
- 1 × Audio Cable
- 1 × USB Cable
- 1 × GPS Antenna
- 1 × 4G Antenna
- 1 × Mini Speaker
- 1 × User Manual (this document)
- 1 × Installation Instructions

Size



Accessories



1 x ISO Wiring Harness



1 x RCA Cable



1 x Audio Cable



1 x USB Cable



1 x GPS Antenna



1 x 4G Antenna



1 x Mini Speaker



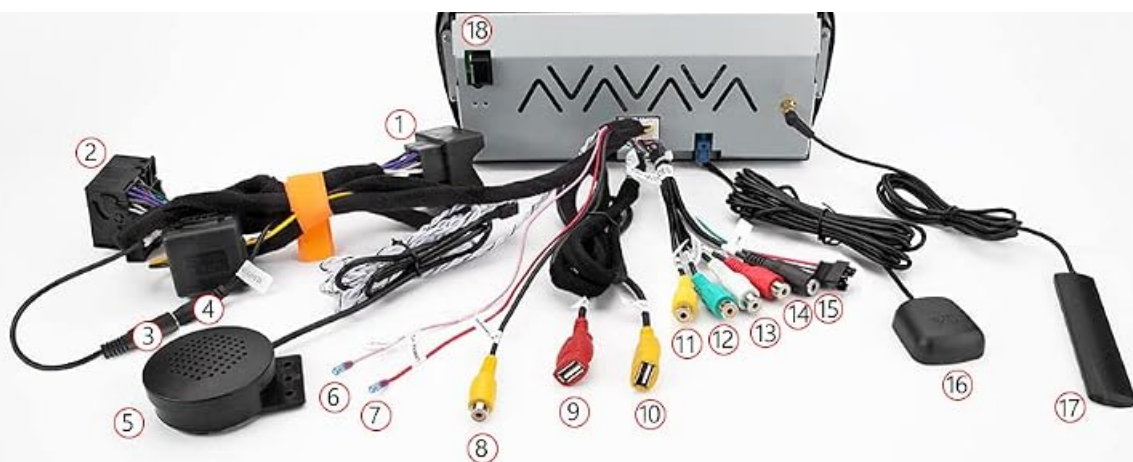
1 x User Manual



1 x Installation Instructions

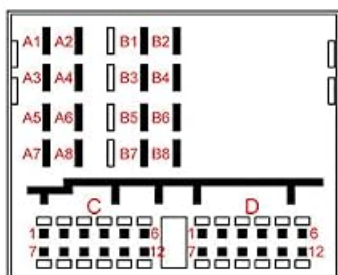
Figure 3.1: Product dimensions and a visual representation of all included accessories for installation.





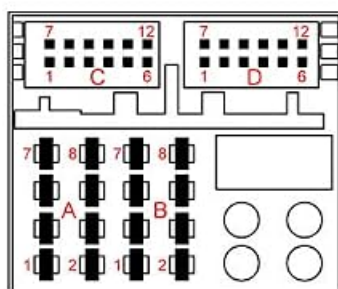
- | | |
|---|---------------------------------|
| 1. ISO Wiring Harness1 | 10. USB Port2 |
| 2. ISO Port to Connect Original CD Player | 11. VIDEO IN, Video Input |
| 3. AUDIO OUT, Audio Output | 12. DVR VIDEO IN, Not Available |
| 4. AUDIO IN, Audio Input | 13. AUX IN L, Audio Input Left |
| 5. Mini Speaker | 14. AUX IN R, Audio Input Right |
| 6. CAMERA DET, Camera Check | 15. MIC, Microphone Port |
| 7. CAMERA +12, Camera Acc | 16. GPS Antenna |
| 8. Rear Camera IN, Rear Camera Input | 17. 4G Antenna |
| 9. USB Port1 | 18. LVDS Port |

ISO Wiring Harness



- | | |
|---------------------------|-----------------------|
| A1: Rear Left Speaker+ | B1: CAN1-L |
| A2: Rear Left Speaker- | B2: Original Car Data |
| A3: Front Left Speaker+ | B3: Original Car Data |
| A4: Front Left Speaker- | B4: Original Car Data |
| A5: Front Right Speaker+ | B5: CAN1-H |
| A6: Front Right Speaker- | B6: B+ |
| A7: Rear Right Speaker+ | B7: GND |
| A8: Rear Right Speaker- | B8: Original Car Data |
| C1-C12: Original Car Data | |

- | | |
|-----------------------|------------------------|
| D1: Original Car Data | D7: Audio Input Left |
| D2: Audio Input Right | D8: Audio GND |
| D3: Original Car Data | D9: Original Car Data |
| D4: Original Car Data | D10: Original Car Data |
| D5: Original Car Data | D11: Original Car Data |
| D6: Original Car Data | D12: Original Car Data |



- | | |
|---------------------------|--------------------|
| A1: Rear Left Speaker+ | B1: CAN1-L |
| A2: Rear Left Speaker- | B2: Linked with B2 |
| A3: Front Left Speaker+ | B3: Linked with B3 |
| A4: Front Left Speaker- | B4: Linked with B4 |
| A5: Front Right Speaker+ | B5: CAN1-H |
| A6: Front Right Speaker- | B6: B+ |
| A7: Rear Right Speaker+ | B7: GND |
| A8: Rear Right Speaker- | B8: Linked with B8 |
| C1-C12: Original Car Data | |

- | | |
|-----------------------|-----------------------|
| D1: Original Car Data | D7: Audio Input Left |
| D2: Audio Input Right | D8: Audio GND |
| D3: Original Car Data | D9: Original Car Data |

D3: Original Car Data
D4: Original Car Data
D5: Original Car Data
D6: Original Car Data

D7: Original Car Data
D10: Original Car Data
D11: Original Car Data
D12: Original Car Data

Figure 3.2: Detailed wiring diagram and ISO wiring harness connections for proper installation.

4. OPERATION

The XTRONS car stereo offers a wide range of functionalities. This section details how to use its primary features.

4.1. User Interface and Themes

The unit features a customizable user interface with 7 available themes, including a special XTRONS QP series UI and 3 original BMW Style UIs, allowing you to personalize your display.





Figure 4.1: Examples of customizable user interface themes and dashboard display options.

4.2. Smartphone Integration (Car Auto Play & Android Auto)

The unit supports both wireless Car Auto Play (for iPhone 5 and newer with iOS 8+) and wired Android Auto (for Android phones with Android 4.3+). This allows for safe and intuitive access to navigation, calls, music, and voice assistants directly from the large screen.

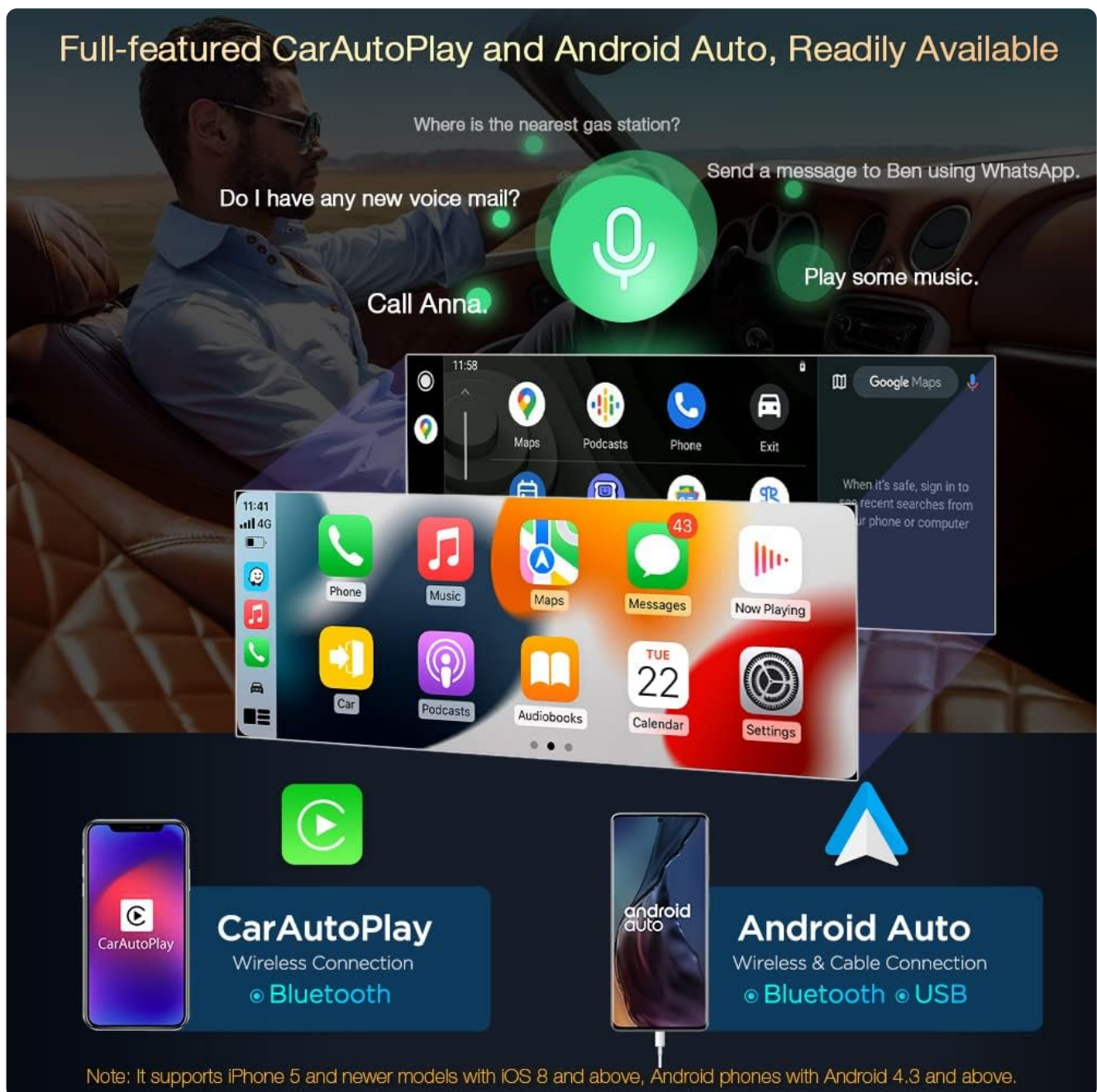


Figure 4.2: Display of Car Auto Play and Android Auto interfaces on the XTRONS unit.

4.3. Bluetooth 5.1

Utilize Qualcomm Bluetooth 5.1 for stable and high-quality hands-free calls and music streaming from your mobile device.

4.4. GPS Navigation

The unit supports various Android navigation applications, including Google Maps, Sygic, and Waze, providing reliable guidance for your journeys.

4.5. Video Playback (PIP Mode)

The 1080P video player supports multiple video formats. The Picture-in-Picture (PIP) mode allows you to watch videos while multitasking, with the video player floating in the foreground of your screen.

4.6. Original Car Information Display

The unit can display original car information such as speed, fuel level, oil pressure, and safety warnings in various color themes.

Original Car Information Display

Showing original car info in different colour theme



1080P Video Player

Support playing 1080P video and compatible with more video format



Bluetooth 5.1

Hands-free calls | Audio Streaming | Voice Control



GPS

Support Android navigation applications



Figure 4.3: Screen displays showing original car information, 1080P video playback, Bluetooth interface, and GPS navigation.

4.7. Official Product Video

Your browser does not support the video tag.

Video 4.1: An official XTRONS video demonstrating the features and functionality of the Android 11 Car Stereo for BMW E90 E60 CCC models, including the 8.8 Inch IPS Touch Screen and GPS Navigation.

5. SPECIFICATIONS

Feature	Detail
Operating System	Android 13
Processor	Qualcomm Snapdragon 662 Octa-core
RAM	8GB LPDDR4
ROM	128GB SSD
Screen Size	8.8 Inches

Resolution	1280 x 480
Panel Type	IPS Panel, Glass + Glass
Viewing Angle	178°
Bluetooth	Qualcomm Bluetooth 5.1
Wi-Fi	Dual Band (2.4GHz & 5GHz)
GPS	Built-in GPS Navigation
Audio Output Mode	AUX, Stereo, Speaker
Mounting Type	Dashboard Mount
Item Weight	4.86 pounds
Package Dimensions	16.5 x 9.41 x 7.17 inches

6. TROUBLESHOOTING

This section provides general guidance for common issues. For specific or persistent problems, please contact XTRONS customer support.

Common Issues & Solutions:

- **No Sound After Installation:** Verify that your vehicle has an AUX-IN port. If not, an adapter may be required. Ensure all audio cables are securely connected.
- **Unit Not Powering On:** Check all power connections and fuses. Ensure the wiring harness is correctly installed.
- **Bluetooth Connectivity Issues:** Ensure Bluetooth is enabled on both the stereo and your mobile device. Try unpairing and re-pairing the devices.
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear line of sight to the sky.
- **Slow Performance/Freezing:** Try restarting the unit. Ensure sufficient storage space is available. Consider performing a factory reset if issues persist (note: this will erase all user data).

Optional Accessories for Diagnostics:

The unit supports optional accessories that can aid in vehicle diagnostics:

- **OBD2 Function:** With an optional OBD2 adapter, you can retrieve real-time data and trouble codes from your vehicle's computer.
- **TPMS Function:** An optional TPMS (Tire Pressure Monitoring System) can provide real-time tire pressure data.
- **External DVR:** For recording driving footage.

7. WARRANTY AND SUPPORT

XTRONS stands behind the quality of its products and offers comprehensive support.

Warranty Information:

This XTRONS unit is backed by a **1-year warranty** from the date of purchase.

Technical Support:

For any technical assistance, installation queries, or troubleshooting not covered in this manual, please do not hesitate to contact XTRONS professional technical support via Amazon email. They are committed to replying promptly and ensuring your rights and interests are protected.

© 2023 XTRONS. All rights reserved.

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

Open the live page

<https://manuals.plus/asin/B09M3LVJMH>

More documents and user manuals: <https://manuals.plus/>