XTRONS IQP92M245P

XTRONS Car Stereo User Manual

Model: IQP92M245P

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your XTRONS Car Stereo, Model IQP92M245P. This advanced car stereo system is designed to enhance your driving experience with its powerful features and intuitive interface.

Applicable Models & Years:

- For Mercedes-Benz B-Class W245 (2005-2011)
- For Mercedes-Benz A-Class W169 (2004-2012)
- For Mercedes-Benz Viano & Vito W639 (2006-2018) - *Please check dimensions beforehand.*
- For Mercedes-Benz Sprinter W906 (2006-2012)

Important Compatibility Notes:

- Ensure your car's central console is **quadrate-shaped**. This unit will **NOT** fit oval-shaped or trapezoidal central consoles.
- Your original CD changer will **NOT** work after installing this unit.
- This unit does **NOT** support decoding your vehicle's air conditioning information.
- If your car has a COMAND system, this unit is **NOT** compatible.
- If your vehicle comes with the original reversing camera, you may need an adapter (e.g., XTRONS ICE/ACS/FZMRM01) to make it work after upgrading.

Image 1: Comparison of the car's dashboard before and after installing the XTRONS car stereo, highlighting the seamless integration and modern display.

Important Notes on Compatibility

Check Shape: Please ensure your car's central console is quadrate-shaped before purchasing, or this unit can NOT fit with your car.

Quadrate central console ✓

Oval-shaped, please refer to IA82M203LS ✗

Trapezoidal central console, please refer to IAP92M209S ✗

Please note your CD changer will NOT work after installing this unit.

This unit does NOT support decoding your vehicles' air conditioning information.

Please check to see whether your car has COMAND system, if it has this unit is NOT compatible with your car.

If your vehicle comes with the original reversing camera, you need to order an adapter to make the reversing camera work after upgrading.
(XTRONS ICE/ACS/FZMRM01 is compatible.)

Image 2: Visual guide illustrating compatible (quadrate) and incompatible (oval, trapezoidal) central console shapes for installation.

2. SETUP AND INSTALLATION

The XTRONS Car Stereo is designed for straightforward installation. It is recommended to have the installation performed by a qualified professional to ensure proper wiring and functionality. Refer to the included wiring diagram and component list for detailed connections.

2.1 Package Contents

Before beginning installation, verify that all components are present:

- 1 x 9 inch QLED IPS touchscreen display
- 1 x GPS receiver
- 2 x ISO Wiring Harness
- 1 x RCA Cable
- 2 x USB Cable
- 1 x GPS Antenna
- 1 x Radio Antenna Adapter
- 1 x CANbus Cable
- 1 x CANbus Box
- 1 x Camera Cable
- 1 x Radio Antenna Cable
- 1 x 4G+ Antenna
- 1 x 4G- Antenna
- 1 x CANbus Extension Cable
- 2 x User Manual (English/German)

Image 3: All components and cables included in the XTRONS car stereo package.

2.2 Wiring Diagram

Carefully follow the wiring diagram for correct connections. Ensure all cables are securely connected to their respective ports to prevent malfunctions.

1. 4G+ Antenna
2. 4G- Antenna
3. GPS Antenna
4. USB Port 1
5. USB Port 2
6. 4-Pin USB Port 3
7. Original Radio Antenna Port
8. Brake, Brake In Cable
9. Bluetooth Antenna
10. CAM+12V, Camera Power Cable 12V
11. WiFi Antenna
12. CAMERA-IN, Camera Input
13. F CCD+12V, null
14. REAR OUT L, Rear Left Audio Output
15. REAR OUT R, Rear Right Auido Output
16. AUX IN L, Audio Input Left
17. AUX IN R, Audio Input Right
18. SUB WOOFER, Subwoofer Output
19. F CAM IN, Front Camera Video Input
20. MIC, Microphone Port

21. AUX CVBS-IN, Video Input
22. FRONT OUT L, Front Left Audio Output
23. FRONT OUT R, Front Right Audio Output
24. AMP-CON, Amplifier Control Cable
25. SIM Card Slot
26. REVERSE, Reverse Control Cable
27. ILL, Illumination Cable
28. ACC
29. KEY-1, Steering Wheel Control Key1
30. ANT CONT, Automatic Antenna Control
31. KEY-2, Steering Wheel Control Key2
32. BRAKE, Brake In Cable
33. AUX L IN, Audio Input Left
34. AUX R IN, Audio Input Right
35. ISO Wiring Harness
36. CANBus Decoding Box
37. OPTICAL, Optical Audio Output
38. Coaxial Audio Output
39. HD Output
40. Cooling Fan Power Port

ISO Wiring Harness
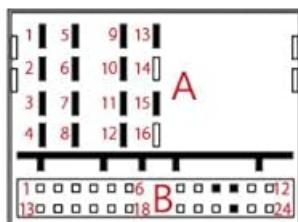
A1: Rear Right Speaker+
A2: Front Right Speaker+
A3: Front Left Speaker+
A4: Rear Left Speaker+
A5: Rear Right Speaker-
A6: Front Right Speaker-
A7: Front Left Speaker-
A8: Rear Left Speaker-
A9: CANbus-

A10: CANbus+
A11: CANbus+
A12: GND
A13: Amplifier Control
A15: B+

B9: GND
B10: Audio Input Right
B22: Audio Input Left
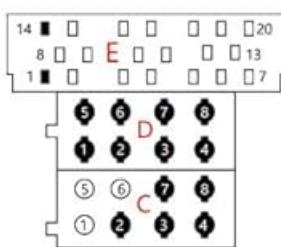
C2: B+
C3: CANbus+
C4: GND
C7: Radio Antenna Control Cable
C8: CANbus-

E1: CANbus+
E14: CANbus-

D1: Rear Right Sound Channel Out+
D2: Front Right Sound Channel Out+
D3: Front Left Sound Channel Out+
D4: Rear Left Sound Channel Out+
D5: Rear Right Sound Channel Out-
D6: Front Right Sound Channel Out-
D7: Front Left Sound Channel Out-
D8: Rear Left Sound Channel Out-

Image 4: Comprehensive wiring diagram illustrating all connection points for the car stereo system.

3. OPERATING INSTRUCTIONS

Your XTRONS Car Stereo offers a wide range of features for an enhanced in-car experience. Below are instructions for key functionalities.

3.1 Basic Operation

The unit features a 9-inch QLED IPS touchscreen for intuitive control. Power on the device by pressing the power button. Navigate through menus by tapping icons on the screen.

Image 5: The XTRONS car stereo's main display, showcasing its vibrant QLED IPS screen.

3.2 Connectivity

The unit supports various connectivity options for seamless integration with your devices.

- **Wireless Car Play & Android Auto:** Connect your iPhone (iOS 8 and above) wirelessly via Bluetooth for Car Play, or your Android phone (Android 4.3 and above) wirelessly or via USB for Android Auto. Access navigation, calls, music, and voice assistants (Siri/Google Assistant) directly from the car stereo screen.
- **Dual Band Wi-Fi:** Supports both 2.4GHz and 5GHz bands for faster internet speeds and flexibility.
- **Bluetooth 5.0:** For hands-free calling and audio streaming.
- **4G LTE Solution:** The integrated 4G solution supports Asia and Europe, enabling internet access by inserting a SIM card. **Note: The 4G function DOES NOT work in the Americas area (US, Canada, etc.).**

Your browser does not support the video tag.

Video 1: Product overview of the XTRONS Car Stereo (IQP92M245P), demonstrating its features including QLED screen, Qualcomm Snapdragon 665 platform, 8GB RAM + 256GB ROM, integrated 4G LTE solution, CarAutoPlay, Android Auto, Screen Mirroring, 4K Video Playback, Built-in AKM DSP, Bluetooth 5.0, GPS Navigation, Dual Band Wi-Fi, DAB+ Tuner Ready, and OBD2 Support. This video provides a visual guide to the stereo's capabilities and user interface.

3.3 Navigation and Multimedia

- **GPS Navigation:** Supports popular Android navigation software such as Google Maps, Sygic, and Waze.
- **4K Video Playback:** The Adreno 610 GPU is engineered for immersive gaming and flawless 4K 30fps video playback.
- **Built-in HDMI Port:** Transmit high-fidelity content to external monitors, allowing backseat passengers to enjoy movies or other media.
- **AKM DSP:** Take your audio experience to a new level with advanced digital sound processing.
- **Screen Mirroring:** Display content from your smartphone directly onto the car stereo screen.

3.4 CANbus Decoding

The optimized CANbus decoding function allows the unit to display your car's information, such as ACC control and reversing control.

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 exterior. Avoid abrasive cleaners or solvents that could damage the surface.
- **Temperature:** Do not expose the unit to extreme temperatures. The built-in cooling fan helps manage heat during operation.
- **Software Updates:** Periodically check the XTRONS official website for firmware updates to ensure the best performance and access to new features.
- **Connection Checks:** Ensure all cables and connections remain secure. Loose connections can lead to intermittent issues.

5. TROUBLESHOOTING

If you encounter issues with your XTRONS Car Stereo, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check power cables and fuses. Ensure vehicle battery is charged. Consult a professional if issues persist.
No audio output.	Incorrect speaker wiring, volume too low, mute activated, DSP settings.	Verify speaker connections. Increase volume. Check mute status. Adjust DSP settings.
GPS signal lost or inaccurate.	GPS antenna not properly connected or obstructed, outdated map data.	Ensure GPS antenna is securely connected and has a clear view of the sky. Update navigation software if necessary.
Bluetooth connectivity issues.	Device not paired, Bluetooth off on either device, interference.	Ensure Bluetooth is enabled on both devices and they are paired correctly. Try re-pairing. Reduce interference.
Screen freezing or unresponsive.	Software glitch, excessive background applications, overheating.	Perform a soft reset (refer to manual for specific button combination). Close unnecessary applications. Ensure proper ventilation.

6. SPECIFICATIONS

Feature	Detail
Display Size	9 Inches

Feature	Detail
Resolution	1280x720 (QLED IPS Panel)
Operating System	Android 13
Processor	Qualcomm Snapdragon 665 Octa-core (up to 2.0GHz)
RAM	8GB LPDDR4
ROM	256GB Solid State (SSD)
GPU	Adreno 610
Connectivity	Dual Band Wi-Fi (2.4GHz/5GHz), Bluetooth 5.0, Integrated 4G LTE (Asia/Europe only)
Audio Output Mode	Stereo, AKM DSP
Video Playback	4K UHD Video Playback
Additional Ports	Built-in HDMI Output, Coaxial/Optical Audio Output
Mounting Type	Dashboard Mount

Size
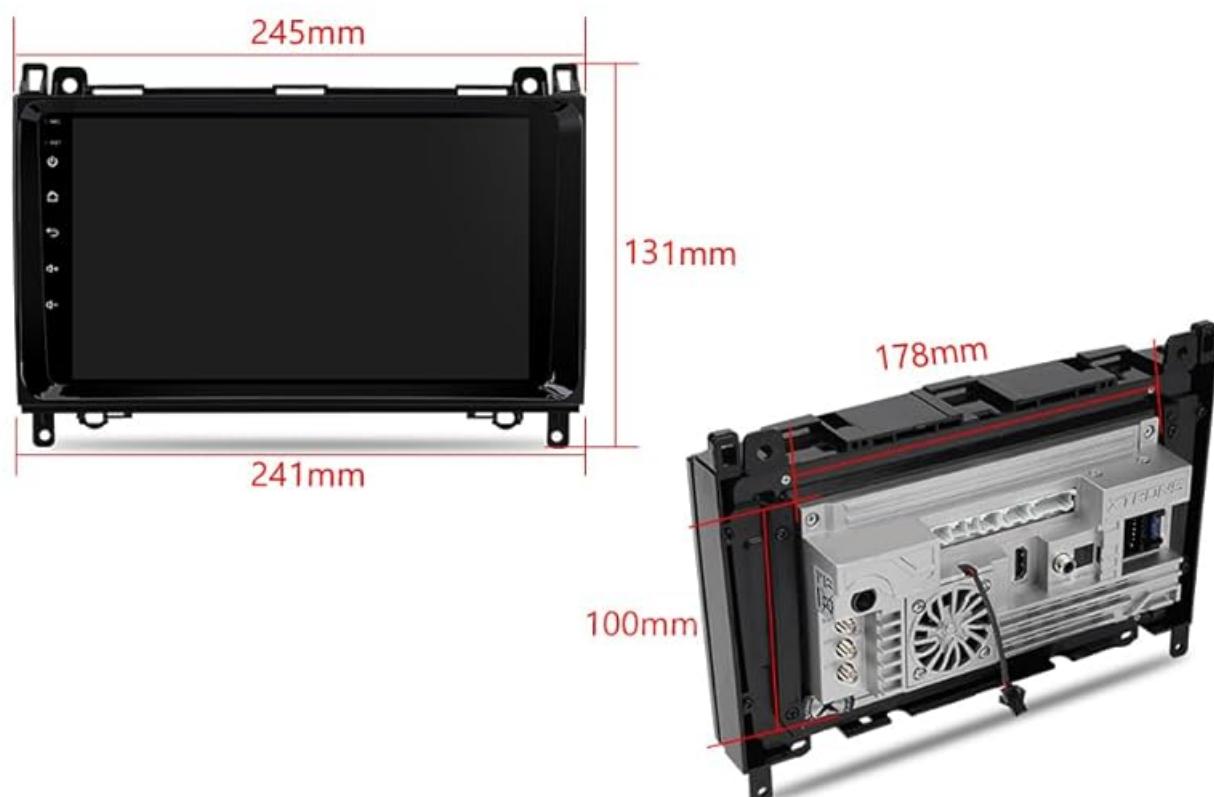
245mm

131mm

241mm

178mm

100mm

Accessories

Image 6: Technical diagram showing the physical dimensions and rear port layout of the XTRONS car stereo.

7. WARRANTY AND SUPPORT

Warranty: XTRONS backs this unit with a 1-year warranty from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance standards.

Technical Support: For any technical assistance, installation queries, or troubleshooting beyond this manual, please do not hesitate to contact XTRONS customer support via Amazon email. Our professional technical support team will reply as soon as possible to ensure your rights and interests are protected at all times.

For more information and additional accessories, please visit the official XTRONS store on Amazon:XTRONS Amazon Store.