XTRONS IAP92M211S

XTRONS Android 13 Car Stereo User Manual

FOR MERCEDES-BENZ E-CLASS W211 / CLS-CLASS W219 (MODEL IAP92M211S)

| Introduction | Compatibility | Features | Accessories & Support | Installation | Operation | Specifications | Troubleshooting |

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your XTRONS Android 13 Car Stereo. Please read this manual thoroughly before using the product to ensure correct usage and optimal performance. Keep this manual for future reference.

2. APPLICABLE MODELS AND COMPATIBILITY NOTES

This XTRONS car stereo is designed for specific Mercedes-Benz models and years:

- **Mercedes-Benz E-Class W211:** E200, E220, E240, E270, E280 (Model Years: 2002-2008)
- **Mercedes-Benz CLS-Class W219:** CLS-350, CLS-500, CLS-55 (Model Years: 2005-2006)

Important Compatibility Notes:

- Ensure your car's central console is a trapezoidal central console with a trim strip above before purchasing. This unit will **NOT** fit if your console differs.
- If your vehicle has a screen above the center console, this unit will**NOT** fit.
- Your original CD changer will **NOT** work after installing this unit.
- This unit does **NOT** support your vehicle's air conditioning information display.

Applicable Models & Years

For Mercedes-Benz

For Mercedes-Benz E-Class W211 (E200 / E220 / E240 / E270 / E280) (2002-2008)
CLS Class W219 (CLS-350 / CLS-500 / CLS-55) (2005-2006)

Image: Comparison of the car's dashboard before and after installing the XTRONS car stereo, highlighting the integrated fit.

Important Notes on Compatibility

Please ensure your car's central console is trapezoidal central console with trim strip above before purchasing, or this unit can NOT fit with your car.

Please refer to XTRONS IAP92M209S

Please check your vehicle's center console to see whether it is the same with the picture, if it is, then this unit can NOT fit with your car.

There is a screen above the center console.

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

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

Image: Visual guide for checking car console compatibility, showing correct and incorrect console types.

3. PRODUCT FEATURES

The XTRONS Android 13 Car Stereo offers a range of advanced features for an enhanced in-car experience:

- **Operating System:** Latest Android 13 OS for a fast and smooth user experience.
- **Processor & Memory:** Octa-Core CPU with 4GB RAM and 64GB ROM.
- **Display:** 9-inch IPS Touch Screen with 1280x720 High Definition resolution and 178° viewing angle. Supports 2K video playback.
- **4G Connectivity:** Integrated 4G solution for internet access anywhere (Micro-SIM card required, not included). Supports 99% of worldwide carriers (Bands: 1, 2, 3, 4, 5, 7, 8, 12, 17, 20, 28, 38, 40, 41, 42).
- **Wireless CarPlay & Android Auto:** Built-in functionality for seamless smartphone integration. Use supported apps, navigation, and voice assistants (Siri/Google Assistant) wirelessly or via wired connection for Android Auto.
- **Built-in DSP:** Digital Sound Processor for advanced audio tuning, including balance, delay, filter, equalizer, and sub output adjustments.
- **Changeable UI Themes:** Customize the user interface with various themes to suit your preference.
- **USB Tethering:** Share your mobile network with the unit via a USB cable.
- **GPS Navigation:** Supports popular Android navigation software like Google Maps, Sygic, and Waze.
- **Screen Mirroring:** Cast your phone screen to the car stereo for a larger display.
- **Bluetooth 5.0:** For hands-free calls and high-quality audio streaming.
- **Radio with RDS:** TDA7708 Radio with RDS for enhanced radio reception and information display.

Image: Overview of 4G LTE, Dual Band WiFi, and USB Tethering capabilities.

Image: Demonstrating smartphone connection features including Wireless CarAutoPlay, Wireless/Wired Android Auto, and Screen Mirroring.
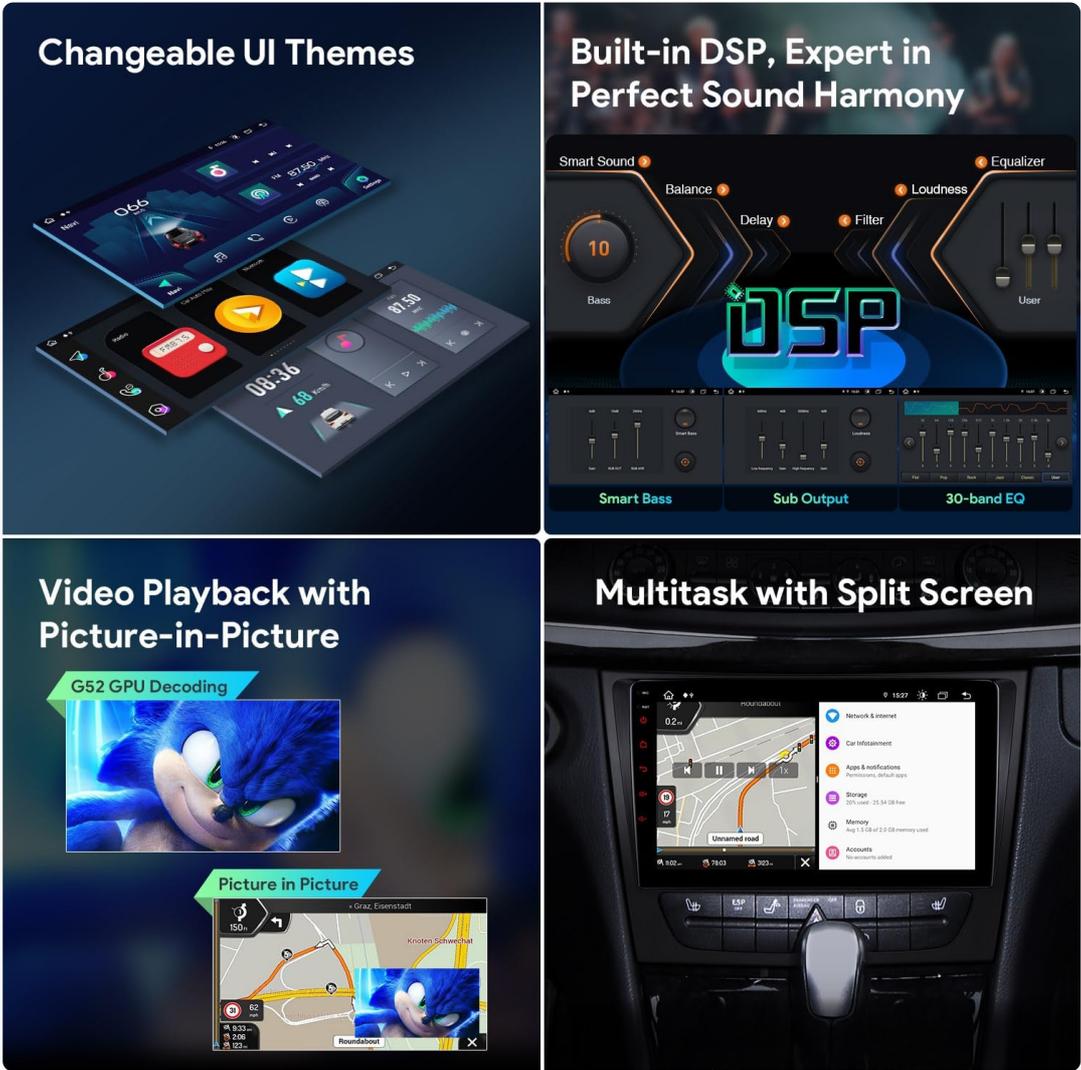
Image: Visual representation of customizable UI themes, advanced DSP sound settings, 2K video playback, and split-screen multitasking.

4. WHAT'S IN THE BOX (INCLUDED ACCESSORIES)

The following items are included with your XTRONS Android 13 Car Stereo:

- 2 × ISO Wiring Harness
- 1 × RCA Cable
- 1 × 4G Antenna
- 1 × Camera Cable
- 1 × CANbus Box
- 2 × USB Cable
- 1 × Radio Antenna Adapter
- 1 × GPS Antenna
- 1 × CANbus Cable
- 1 × CANbus Extension Cable
- 1 × Radio Antenna Cable
- 1 × User Manual

Size

268mm

190mm

219mm

98mm

178mm

Accessories

2 x ISO Wiring Harness

1 x RCA Cable

1 x 4G Antenna

1 x Camera Cable

1 x CANbus Box

2 x USB Cable

1 x Radio Antenna Adapter

1 x GPS Antenna

1 x CANbus Cable

1 x CANbus Extension Cable

1 x Radio Antenna Cable

1 x User Manual

Image: All accessories included in the package, such as wiring harnesses, antennas, and cables.

Optional Accessories (Sold Separately):

For additional functionalities, the following accessories can be purchased:

- OBD Function
- TPMS Function (Tire Pressure Monitoring System)
- Front / Reversing Camera
- External DVR (Digital Video Recorder)

5. INSTALLATION GUIDE

Installation of the XTRONS car stereo requires careful attention to wiring and vehicle-specific components. It is highly recommended that installation be performed by a qualified professional to avoid damage to the unit or your vehicle.

Wiring Diagram:

Refer to the detailed wiring diagram below for proper connection of all components. Each numbered connection corresponds to a specific function.

Wiring Diagram

1. 4G Antenna
2. GPS Antenna
3. CarAutoPlay Port
4. USB Port2
5. USB Port1
6. Radio Antenna Port
7. REAR OUT R, Rear Right Audio Output
8. REAR OUT L, Rear Left Audio Output
9. F CCD+12V, Front Camera Power
10. coaxial out, Coaxial Audio Output
11. Wi-Fi Antenna
12. CAMERA-IN, Camera Input
13. Bluetooth Antenna
14. CAM +12V, Rear Camera Power
15. BRAKE, Brake-in Cable
16. 4G SIM Card Slot
17. AMP-CONT, Amplifier Control Cable

18. AUX IN R, Audio Input Right
19. AUX IN L, Audio Input Left
20. FRONT OUT R, Front Right Audio Output
21. MIC, External Microphone Port
22. CVBS IN 1, Video Input
23. SUB WOOFER, Subwoofer Output
24. FRONT OUT L, Front Left Audio Output
25. F CAM IN, Front Camera Input
26. REVERSE, Reversing Control Cable
27. KEY1-5V, Steering Wheel Control Key1
28. KEY2-5V, Steering Wheel Control Key2
29. ACC
30. ILLUMI, Illumination Cable
31. AMP-CONT, Amplifier Control Cable
32. BRAKE, Brake-in Cable
33. CANbus Box
34. ISO Wiring Harness

Image: Comprehensive wiring diagram indicating connections for power, audio, video, antennas, and CANbus.

1. 4G Antenna

2. GPS Antenna

3. CarAutoPlay Port

4. USB Port 2

5. USB Port 1

6. Radio Antenna Port

7. REAR OUT R (Rear Right Audio Output)

8. REAR OUT L (Rear Left Audio Output)

9. F CCD+12V (Front Camera Power)

10. Coaxial Out (Coaxial Audio Output)

11. Wi-Fi Antenna

12. CAMERA-IN (Camera Input)

13. Bluetooth Antenna

14. CAM +12V (Rear Camera Power)

15. BRAKE (Brake-in Cable)

16. 4G SIM Card Slot

17. AMP-CONT (Amplifier Control Cable)

18. AUX IN R (Audio Input Right)

19. AUX IN L (Audio Input Left)

20. FRONT OUT R (Front Right Audio Output)

21. MIC (External Microphone Port)

22. CVBS IN 1 (Video Input)

23. SUB WOOFER (Subwoofer Output)

24. FRONT OUT L (Front Left Audio Output)

25. F CAM IN (Front Camera Input)

26. REVERSE (Reversing Control Cable)

27. KEY1-5V (Steering Wheel Control Key 1)

28. KEY2-5V (Steering Wheel Control Key 2)

29. ACC

30. ILLUMI (Illumination Cable)

31. AMP-CONT (Amplifier Control Cable)

32. BRAKE (Brake-in Cable)

33. CANbus Box

34. ISO Wiring Harness

6. OPERATING INSTRUCTIONS

This section covers the basic operation of your XTRONS Android 13 Car Stereo.

6.1 Power On/Off and Basic Navigation

Press the power button on the unit to turn it on or off. The intuitive touchscreen interface allows for easy navigation through menus and applications. Swipe left or right to access different screens and tap icons to open applications.

6.2 Changing UI Themes

The unit supports changeable UI themes. Navigate to the settings menu to select and apply your preferred theme. This allows for personalization of the interface layout and appearance.

Your browser does not support the video tag.

Video: Demonstrates the XTRONS car stereo's features, including UI themes, 4G connectivity, CarPlay, Android Auto, DSP, and screen mirroring.

6.3 4G Connectivity

To use 4G connectivity, insert a Micro-SIM network card into the designated slot. Once inserted, the unit will automatically detect the network. Ensure your SIM card is active and has a data plan. You can also share your mobile network via USB tethering by connecting your phone and configuring tethering in your phone's settings.

6.4 Wireless CarPlay and Android Auto

The unit supports both Wireless CarPlay and Wireless/Wired Android Auto. Connect your iPhone or Android phone to the unit via Bluetooth for wireless connection. For wired Android Auto, connect your Android phone using a USB cable. Once connected, you can access compatible apps, navigation, music, and use voice commands (Siri for CarPlay, Google Assistant for Android Auto).

6.5 Digital Sound Processor (DSP)

Access the DSP settings to fine-tune your audio experience. Adjust parameters such as balance, delay, filter settings, and a multi-band equalizer to achieve your desired sound profile. You can also control subwoofer output and other advanced audio features.

6.6 GPS Navigation

The unit comes with pre-installed GPS capabilities. You can use various Android-compatible navigation applications such as Google Maps, Sygic, or Waze. Ensure the GPS antenna is properly installed for accurate positioning.

6.7 Radio Operation

The built-in radio features RDS (Radio Data System) for enhanced information display. Tune into your favorite FM/AM stations. The RDS feature provides additional information like station name, program type, and traffic announcements where available.

6.8 Screen Mirroring

Utilize the screen mirroring function to display your smartphone's screen directly on the car stereo. This feature is ideal for viewing videos, photos, or other content from your phone on a larger display.

7. 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 may damage the surface.
- **Software Updates:** Periodically check for software updates from XTRONS to ensure you have the latest features and bug fixes. Follow the instructions provided with the update carefully.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, as this can affect performance and lifespan.
- **Power:** Ensure the vehicle's electrical system is stable. Fluctuations can potentially harm the unit.

8. TROUBLESHOOTING

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

- **No Power:** Check all power connections and fuses. Ensure the vehicle's ignition is on.
- **No Sound:** Verify speaker connections. Check volume levels and DSP settings. Ensure the correct audio source is selected.
- **GPS Not Working:** Ensure the GPS antenna is properly connected and has a clear view of the sky. Check GPS settings in the unit.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the unit and your phone. Delete previous pairings and try reconnecting.
- **CarPlay/Android Auto Not Connecting:** For wireless connections, ensure Bluetooth and Wi-Fi are active on your phone. For wired Android Auto, try a different USB cable. Check phone settings for permissions.
- **Poor Radio Reception:** Check the radio antenna connection. Ensure the antenna adapter is correctly installed.
- **Unit Freezes/Slow Performance:** Restart the unit. If the problem persists, perform a factory reset (note: this will erase all user data and settings).

If these steps do not resolve the issue, please contact XTRONS customer support for further assistance.

9. PRODUCT SPECIFICATIONS

Feature	Specification
Display Size	9 Inches
Resolution	720 x 1280
Operating System	Android 13
Processor	Octa Core
RAM	4GB
ROM	64GB
Connectivity Technology	Bluetooth, Cellular (4G), USB, Wi-Fi
Special Features	Bluetooth, Touchscreen, Built-in DSP, Wireless CarPlay, Wireless/Wired Android Auto
Map Type	Worldwide (compatible with Android OS navigation apps)
Audio Output Mode	Stereo
Mounting Type	Panel Mount

Size

268mm

190mm

98mm

178mm

219mm

Accessories

2 x ISO Wiring Harness

1 x RCA Cable

1 x 4G Antenna

1 x Camera Cable

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1 x Radio Antenna Adapter

1 x GPS Antenna

1 x CANbus Cable

1 x CANbus Extension Cable

1 x Radio Antenna Cable

XTRONS

USER MANUAL

1 x User Manual

Image: Physical dimensions of the head unit for installation reference.

10. WARRANTY AND SUPPORT

XTRONS provides a **1-year warranty** for this unit. This warranty covers manufacturing defects and ensures product quality.

For technical support, warranty claims, or any inquiries regarding your product, please contact XTRONS customer service. You can typically reach them via the platform where you purchased the product (e.g., Amazon email) or through the official XTRONS website.

Please retain your proof of purchase for warranty validation.