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› XTRONS Car Stereo User Manual for Audi A3 S3 RS3

XTRONS IA82A3ALS

XTRONS Car Stereo User Manual

Model: IA82A3ALS

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your XTRONS Car Stereo. Designed for Audi A3, S3, and RS3 models, this advanced head unit offers a seamless blend of performance, connectivity, and entertainment features to enhance your driving experience.

2. APPLICABLE MODELS & YEARS

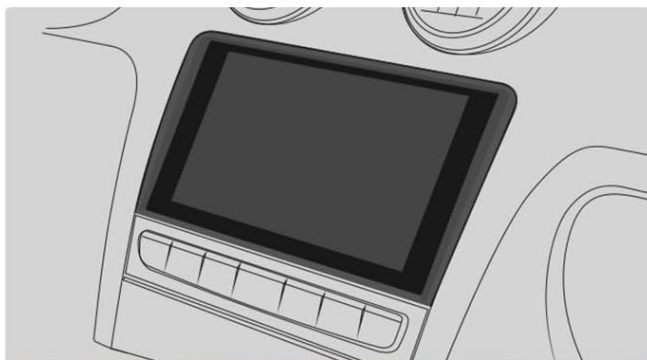
This XTRONS Car Stereo is specifically designed for the following Audi models:

- Audi A3 8P (2003-2012)
- Audi A3 8P1 3-door Hatchback (2003-2012)
- Audi S3 8P (2006-2012)
- Audi RS3 Sportback (2011-2012)

Applicable Models & Years

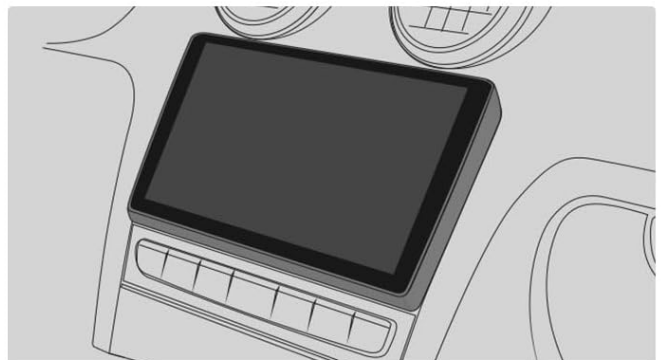
For Audi

For Audi A3 8P (2003-2012), A3 8P1 3-door Hatchback (2003-2012), S3 8P (2006-2012), RS3 Sportback (2011-2012)



XTRONS

Specially made for AUDI, Perfect fitting



Others

Others sell AUDI 9" Radios which obviously stick out after the installation, not fit

Image: Comparison of an Audi A3 dashboard before and after installing the XTRONS car stereo, highlighting the perfect fit.

Important Notes on Compatibility

Please check whether your vehicles' original CD is single din size, if it is, this unit can **NOT** fit with your car.



Please check to see whether there is RNS-D(Radio Navigation System) or BNS 5.x (Basic Navigation System), if there is, this unit is **NOT** compatible with your car. Please send a picture of the original wiring to us, we will study it to find a solution for you.

Cables You May Need

Please check to see whether your vehicles' radio antenna port is the same as the picture on the right, if it is, you need to order a cable to aid for the installation.
(XTRONS **ICE/ACS/ISO**FZ is compatible.)



You may need XTRONS **AK/INIB/NRCBL** if the rear speakers in your vehicle have static noise after installing this unit.
(Please make sure the original ISO wiring harness plug is 40pin before buying.)



Image: Important notes regarding compatibility, showing examples of single DIN and non-compatible RNS-D/BNS 5.x systems.

3. KEY FEATURES

- **Fast & Responsive Android Stereo:** Latest Android 13 OS, Octa Core CPU with 4GB RAM & 64GB ROM for a smooth experience.
- **Integrated 4G Solution:** Access data anywhere by inserting a Micro-SIM network card. Supports 99% of carriers worldwide.
- **Built-in Wireless Car Play & Wired/Wireless Android Auto:** Seamless integration with your smartphone for navigation, music, and voice control.
- **8-inch Backlit Digital Multi-Touch Screen:** 1280*720 high resolution IPS panel supporting 2K video playback, offering clear visuals and responsive touch.
- **Built-in DSP:** Enhances audio quality with advanced sound processing.
- **Optimized CANbus Decoding:** Retains original car features like ACC control, reversing control, and door status display.

- **Split Screen & Picture-in-Picture:** Multitask by running two apps side-by-side or watching videos while using other functions.
- **Dual Band Wi-Fi:** Supports both 2.4GHz and 5GHz bands for faster and more stable internet connection.
- **Dual User-friendly UI:** Optimized menus and intuitive icons for safe driving.



Image: The main display of the XTRONS car stereo highlighting its core features such as Octa-core processor, Android 13, 4G LTE, built-in DSP, and IPS screen.

Global 4G LTE, Connect with No Boundaries

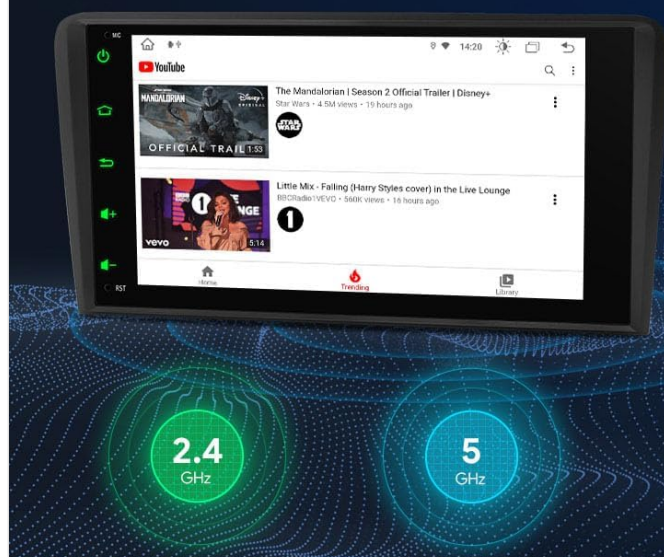


Support 99% of Carriers Worldwide

Supported Bands: 1, 2, 3, 4, 5, 7, 8, 12, 17, 20, 28, 38, 40, 41, 42
Not Supported Bands: 13, 25, 26



Dual Band WiFi



Share Mobile Network by USB Tethering

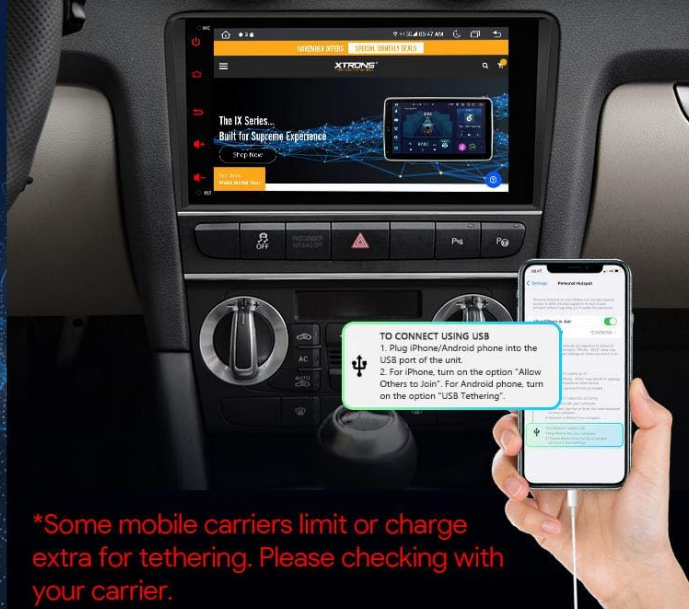


Image: Demonstrates the customizable user interface themes and the detailed settings available for the built-in Digital Sound Processor (DSP).

4. SETUP AND INSTALLATION

The XTRONS Car Stereo is designed for a plug-and-play installation in compatible Audi A3/S3/RS3 models. Ensure your vehicle's original CD unit is single DIN size. If your vehicle has RNS-D (Radio Navigation System) or BNS 5.x (Basic Navigation System), this unit is NOT compatible. Please consult a professional installer if unsure.

4.1 Wiring Diagram

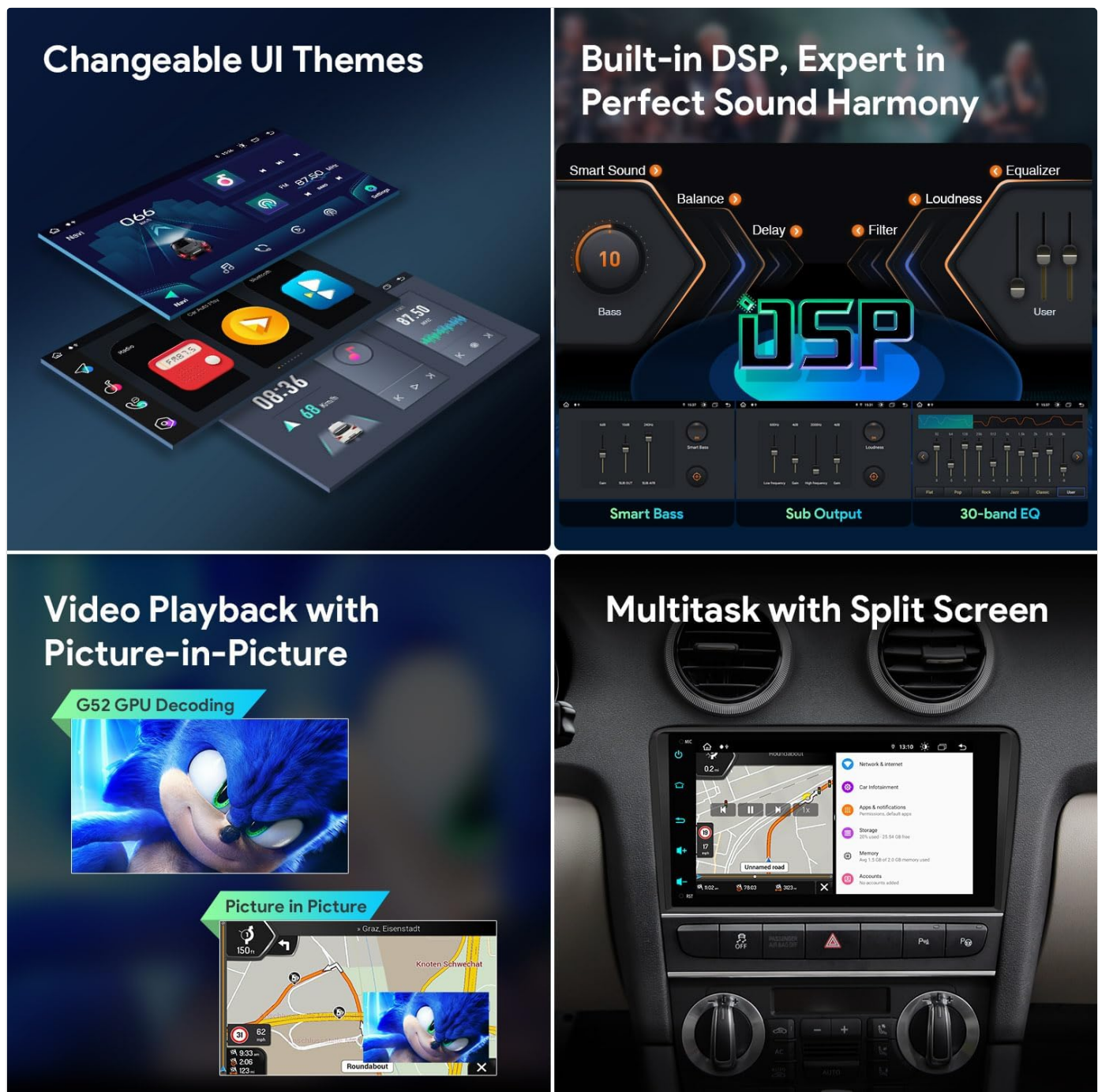


Image: Detailed wiring diagram illustrating all connection points including GPS antenna, 4G antenna, RCA cables, USB cables, CANbus box, and camera inputs.

4.2 Cables You May Need

- **Radio Antenna Adapter:** Check if your vehicle's radio antenna port matches the picture provided in the compatibility notes. An adapter may be required (XTRONS ICE/ACS/ISOFZ compatible).
- **Rear Speaker Noise Filter:** If you experience static noise from rear speakers after installation, you may need an XTRONS AK/INIB/NRCBL. Ensure the original ISO wiring harness plug is 40-pin before purchasing.

5. OPERATING INSTRUCTIONS

5.1 Smartphone Connectivity (CarAutoPlay & Android Auto)

The unit supports both Wireless CarAutoPlay and Wired/Wireless Android Auto, allowing seamless integration with your smartphone.

- **Wireless CarAutoPlay:** Connect your iPhone wirelessly via Bluetooth to use apps, navigate, and control with Siri.

- **Wired/Wireless Android Auto:** Connect your Android phone wirelessly or via USB cable to cast apps and use voice commands with Google Assistant.



Image: Illustrates the various smartphone connection methods including Wireless CarAutoPlay, Wired/Wireless Android Auto, and Screen Mirroring.

5.2 GPS Navigation

The unit supports various Android OS compatible navigation software, including Google Maps, Sygic, Waze, and more. Ensure a stable GPS signal for accurate positioning.

5.3 4G Connectivity & USB Tethering

Insert a Micro-SIM card into the dedicated slot to enable 4G connectivity. Alternatively, you can share your mobile internet by connecting your smartphone via USB and enabling "USB Tethering" (Android) or "Allow Others to Join" (iPhone) in your phone's settings.

Important Notes on Compatibility

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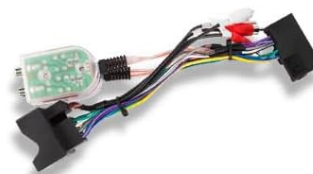


Image: Details the global 4G LTE connectivity feature and how to share mobile network via USB tethering from a smartphone.

5.4 Multimedia Playback

Enjoy various multimedia formats on the 8-inch IPS touch screen. The unit supports 2K video playback and features Picture-in-Picture (PIP) mode, allowing you to watch videos in a floating window while multitasking. The multi-window view enables running two applications side-by-side, such as navigation and music.

Global 4G LTE, Connect with No Boundaries

MediaTek CAT7 Modem

4G LTE

300 Mbps

Download Speed up to 300Mbps

Support 99% of Carriers Worldwide

Supported Bands: 1, 2, 3, 4, 5, 7, 8, 12, 17, 20, 28, 38, 40, 41, 42
Not Supported Bands: 13, 25, 26

12mm
SIM
15mm

*It only supports Micro-SIM card (not included).

Dual Band WiFi

2.4 GHz
5 GHz

Share Mobile Network by USB Tethering

TO CONNECT USING USB
1. Plug iPhone/Android phone into the USB port of the unit.
2. For iPhone, turn on the option "Allow Others to Join". For Android phone, turn on the option "USB Tethering".

**Some mobile carriers limit or charge extra for tethering. Please checking with your carrier.*

Image: Demonstrates the Picture-in-Picture video playback and the split-screen multitasking capabilities of the head unit.

5.5 Bluetooth 5.0

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

5.6 Official Product Video

Your browser does not support the video tag.

Video: An official XTRONS video showcasing the features and user interface of the IA82A3AL car stereo, including its Android 12 OS, 4G connectivity, CarAutoPlay, Android Auto, DSP, and various multimedia functions.

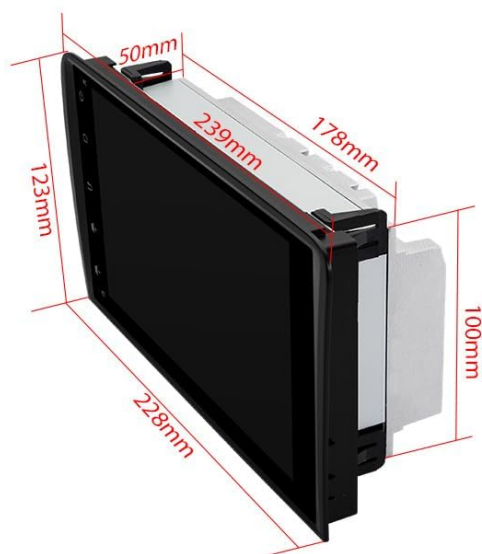
6. ACCESSORIES

6.1 Included Accessories

- 2 × 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 GPS Antenna
- 1 x Amplifier Box for BOSE System
- 1 x Radio Antenna Cable
- 1 x CANbus Cable
- 1 x User Manual

Size



Accessories



2 x ISO Wiring Harness



1 x RCA Cable



1 x 4G Antenna



1 x Camera Cable



1 x CANbus Cable



1 x Amplifier Box
for BOSE System



1 x Radio Antenna Cable



1 x GPS Antenna



1 x CANbus Box



2 x USB Cable



2 x Uninstallation Tool



2 x Clip



1 x User Manual

Image: A visual representation of all accessories included with the XTRONS car stereo, such as wiring harnesses, cables, antennas, and the user manual.

6.2 Optional Accessories (Sold Separately)

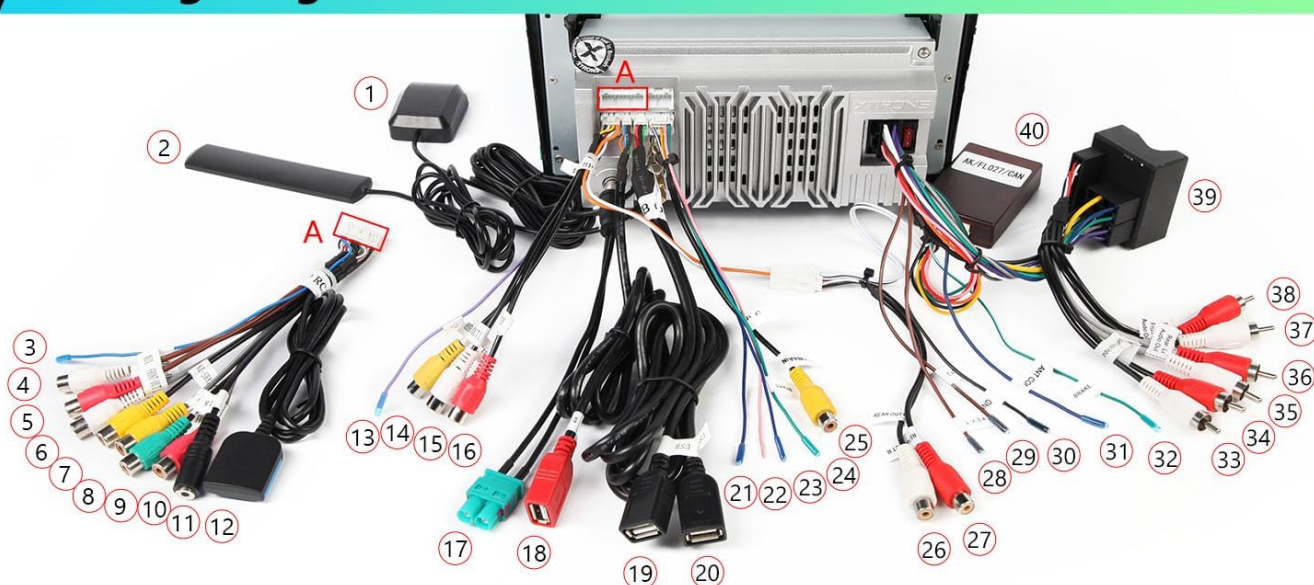
Enhance your XTRONS Car Stereo experience with these optional accessories:

- **OBD Function:** Search ASIN: [B015MU8UN6](#) / [B08HQ9LQ9X](#)
- **TPMS Function:** Search ASIN: [B07WQFKV5G](#) / [B07DKB4GD2](#)
- **Front / Reversing Camera:** Search ASIN: [B07HMLYLJJ](#) / [B00GY3BVT6](#)
- **External DVR:** Search ASIN: [B07MBYCG4C](#) / [B08MF1ZRJ3](#)

7. SPECIFICATIONS

Feature	Specification
Item Weight	5.15 pounds
Package Dimensions	11.77 x 10.63 x 7.76 inches
Model Number	IA82A3ALS
Display Size	8 Inches
Controller Type	Google Assistant, iOS, Android
Connectivity Technology	Cellular, Wi-Fi, USB
Audio Output Mode	Stereo
Surround Sound Channel Configuration	4.0
Video Encoding	H.264, H.265
Color	Black
Manufacturer	XTRONS/ShenZhen KaJunDa Technology Co.Ltd

Wiring Diagram



1. GPS Antenna
2. 4G Antenna
3. AMP-CON, Amplifier Control 12V
4. AUX IN L, Audio Input Left
5. AUX IN R, Audio Input Right
6. FRONT OUT L, Front Left Audio Output
7. AUX CVBS-IN, Video Input
8. F-CAM IN, Front Camera Video Input
9. SUB WOOFER, Subwoofer Output
10. FRONT OUT Right, Front Right Audio Output
11. MIC, External Microphone Port
12. Micro SIM Card Slot
13. F CCD+12V, Front Camera Power
14. Coaxial Out, Coaxial Audio Output
15. REAR OUT L, Rear Left Audio Output
16. REAR OUT R, Rear Right Audio Output
17. Original Radio Antenna Port
18. 4Pin USB Port 1
19. USB Port 2
20. USB Port 3

22. CAM 12V, Rear Camera Power
23. WiFi Antenna
24. BRAKE, Brake Control Cable
25. CAMERA-IN,
26. REAR OUT L, Rear Left Audio Output
27. REAR OUT R, Rear Right Audio Output
28. KEY-1, Steering Wheel Control Key 1
29. KEY-2, Steering Wheel Control Key 2
30. GND
31. ANT CONT, Automatic Antenna Control
32. BRAKE, Brake In Cable
33. Left Audio Input
34. Right Audio Input
35. Rear Left Audio Output
36. Rear Right Audio Output
37. Front Left Audio Output
38. Front Right Audio Output
39. ISO Wiring Harness
40. CANbus Decoding Box
41. TX/RX

Image: Diagram showing the physical dimensions of the XTRONS car stereo unit.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your XTRONS Car Stereo.

8.1 Hissing or Static Sound from Speakers

Some users have reported a hissing or static sound. This can sometimes be related to the vehicle's audio system or grounding issues. XTRONS suggests that an adapter may resolve this. Ensure all wiring is correctly grounded. If the issue persists, contact XTRONS technical support.

8.2 CarPlay/Android Auto Connectivity Issues

If CarPlay or Android Auto is not working as expected:

- Ensure your phone's Bluetooth is on and paired with the head unit.
- For wired connections, try a different USB cable.
- Verify that the CarAutoPlay/Android Auto application on the head unit is activated.

- Check your phone's settings for any restrictions on car connectivity.

8.3 General Performance Issues

If the unit is slow or unresponsive:

- Restart the unit.
- Clear cache from frequently used applications.
- Ensure sufficient storage space is available.
- Check for available software updates for the head unit.

9. WARRANTY AND SUPPORT

XTRONS provides a **1-year warranty** for this unit. For professional technical support or any inquiries, please do not hesitate to contact XTRONS via Amazon email. They are committed to replying promptly and ensuring your rights and interests are protected.

For more information and support, visit the official XTRONS Store: [XTRONS Store on Amazon](#).

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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