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› [XTRONS 12.3 Inch Android 13 Car Stereo User Manual for Audi A4 A5 S4 S5 RS4 RS5 \(B9\) MIB System](#)

XTRONS 8bcd3f2f-c872-4447-9c21-9060854e9867

XTRONS 12.3 Inch Android 13 Car Stereo User Manual

For Audi A4 A5 S4 S5 RS4 RS5 (B9) MIB System (2016-2020)

1. INTRODUCTION

Thank you for choosing the XTRONS 12.3 Inch Android 13 Car Stereo. This advanced multimedia player is designed to integrate seamlessly with your Audi vehicle, providing enhanced navigation, entertainment, and connectivity features. This manual provides essential information for installation, operation, and maintenance to ensure optimal performance and user experience.

XTRONS

4 GB RAM | 64 GB ROM

For **AUDI A4 / A5** Left-hand Driving Vehicles

12.3" Fully-laminated Screen **1920x720**
Android Car Stereo Multimedia Player

 | Octa Core | Global **4G** LTE



Image 1.1: XTRONS 12.3 Inch Android 13 Car Stereo integrated into an Audi dashboard.

2. APPLICABLE MODELS AND COMPATIBILITY

2.1 Applicable Vehicle Models

This unit is compatible with the following left-hand drive Audi vehicles equipped with the MIB System:

- Audi A4 S4 RS4 (B9) (2016-2020)
- Audi A5 S5 RS5 (B9) (2016-2020)

Applicable Models & Years

For Left-hand Driving **AUDI A4 S4 RS4 (B9)** (2016-2020) with MIB System

For Left-hand Driving **AUDI A5 S5 RS5 (B9)** (2016-2020) with MIB System



Important Notes on Compatibility

● Audi Music Interface

If your vehicle is equipped with an Audi music interface as shown on the right, you must connect the XTRONS AMI cable (firstly connected with the audio extension cable) to the Audi music interface.



Image 2.1: Visual comparison of the Audi dashboard before and after XTRONS stereo installation, highlighting applicable models.

2.2 Software Version Compatibility

Before installation, verify your factory stereo software version. The unit is compatible with MSTD, MHI2, and MHIG software versions. To check your software version, navigate to "Setup or Menu - setup MMI - Settings - version information" on your factory stereo.

● Software Version

Before purchasing, please check your factory stereo software version to see if it falls into one of the following categories.

To find the version info, go to the "Setup or Menu - setup MMI - Settings - version information" on your factory stereo.

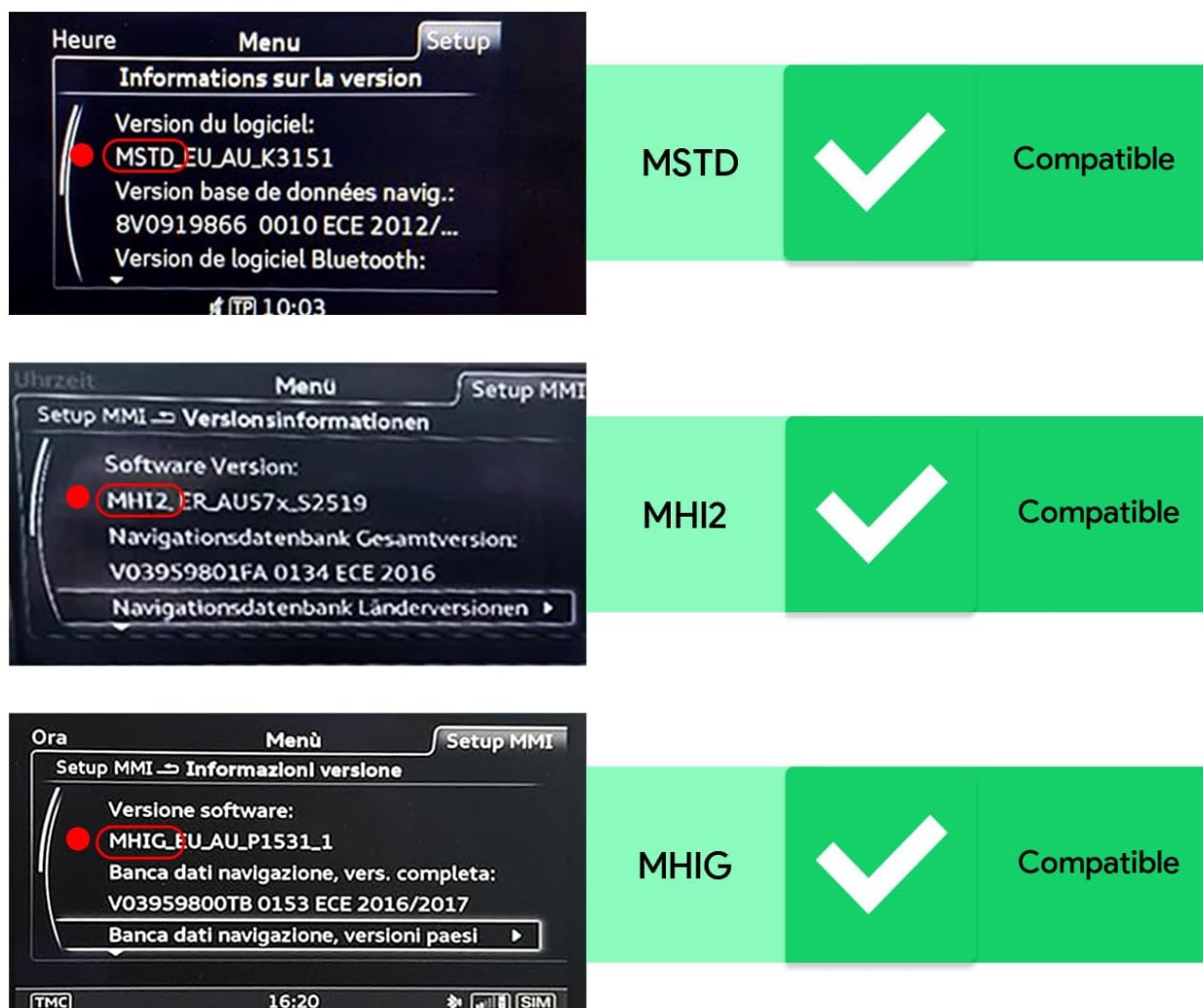


Image 2.2: Examples of compatible MMI software versions (MSTD, MHI2, MHIG) displayed on the factory stereo screen.

2.3 Audi Music Interface (AMI) Note

If your vehicle is equipped with an Audi Music Interface, you must connect the provided XTRONS AMI cable (firstly connected with the audio extension cable) to the Audi music interface for proper audio functionality. Both the AMI cable and extension cable are included in the package.

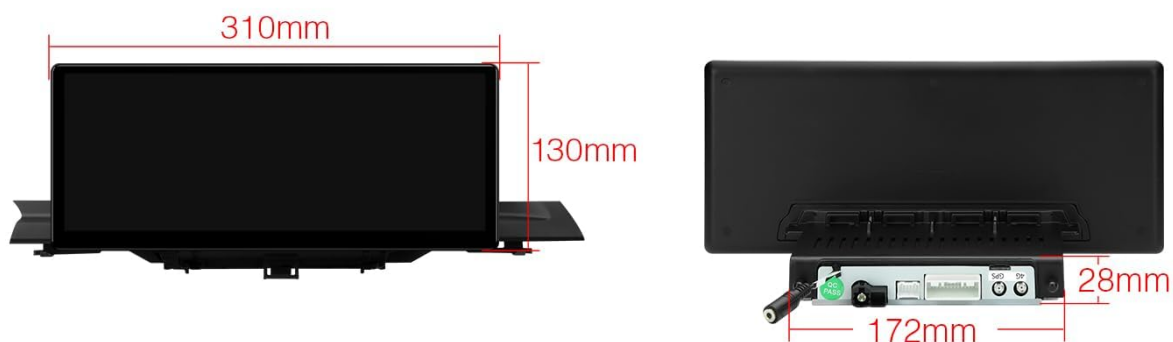
3. PACKAGE CONTENTS

Please verify that all items listed below are present in your package:

- 1 x ISO Wiring Harness
- 1 x GPS Antenna
- 1 x Audio Cable
- 1 x AMI Cable
- 1 x 4G Antenna
- 1 x Mini Speaker

- 1 x Fitting Frame
- 3 x Screws
- 1 x User Manual
- 1 x Installation Instruction

Size



Accessories



1 x ISO Wiring Harness



1 x GPS Antenna



1 x Audio Cable



1 x AMI Cable



1 x 4G Antenna



1 x Mini Speaker



1 x Installation Instruction



1 x User Manual



1 x Fitting frame



3 x Screw

Image 3.1: Overview of the XTRONS car stereo dimensions and all included accessories.

4. INSTALLATION

Professional installation is recommended. Refer to the included 'Installation Instruction' for detailed steps. Ensure the vehicle's power is disconnected before beginning installation.

4.1 Wiring Harness Overview

The following diagram illustrates the connections for the main unit and included cables:

Wiring Harness



- | | |
|---|--------------------------------|
| 1. 4G SIM Card Slot | 9. CCD 12V, Reverse Camera ACC |
| 2. XTRONS 360° camera port(reserved port) | 10. BACK, Reverse Control |
| 3. LVDS port | 11. ACC |
| 4. Microphone port | 12. USB port1 |
| 5. ISO wiring harness | 13. USB port2 |
| 6. Original CD port | 14. Mini speaker |
| 7. Audio output | 15. GPS antenna |
| 8. Back Video Input, Reverse Camera Video Input | 16. 4G antenna |

Image 4.1: Detailed wiring diagram showing connections for the XTRONS car stereo.

1. 4G SIM Card Slot
2. XTRONS 360° camera port (reserved port)
3. LVDS Port
4. Microphone Port
5. ISO Wiring Harness
6. Original CD Port
7. Audio Output
8. Back Video Input, Reverse Camera Video Input
9. CCD 12V, Reverse Camera ACC
10. BACK, Reverse Control
11. ACC
12. USB Port 1
13. USB Port 2
14. Mini Speaker
15. GPS Antenna
16. 4G Antenna

5. OPERATION AND KEY FEATURES

5.1 Display and User Interface

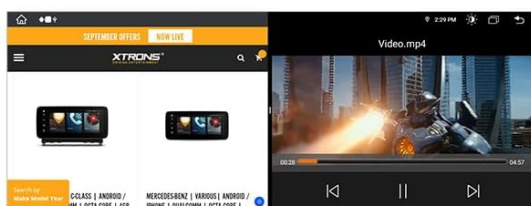
The unit features a 12.3-inch IPS touch screen with a 1920x720 resolution, offering wide viewing angles and clear visuals. The Android 13 operating system provides a responsive and intuitive user experience.

● Smart Size, Fuller Display



*The images displayed are in a 1:1 aspect ratio.

Multi-task Display



PIP-Picture in Picture



IPS Touch Screen



Built-in Two USB Input



Image 5.1: Overview of display features including multi-tasking, Picture-in-Picture (PIP), IPS touch screen, and USB inputs.

- **Multi-task Display:** Run two applications simultaneously, such as navigation and music, on the 12.3-inch screen.
- **Picture-in-Picture (PIP):** View videos in a small window while using other applications.

5.2 Connectivity

The stereo offers multiple connectivity options for internet access and smartphone integration.

- **Global 4G LTE:** Insert a Micro-SIM card (not included) to access 4G mobile broadband for data. This unit supports internet SIM data only, not phone calls.
- **Dual Wi-Fi Band:** Connect to 2.4GHz or 5GHz Wi-Fi networks for flexible and faster internet speeds.
- **Bluetooth 5.0:** Enjoy stable connections for hands-free calls and high-quality music streaming.

3 Options for Internet Access



LTE Cat 7
(up to **300Mbps**)



Support **99%**
of Carriers Worldwide



*This unit accepts Micro-SIM card (not included). 4G supports internet SIM data only, not phone calls.

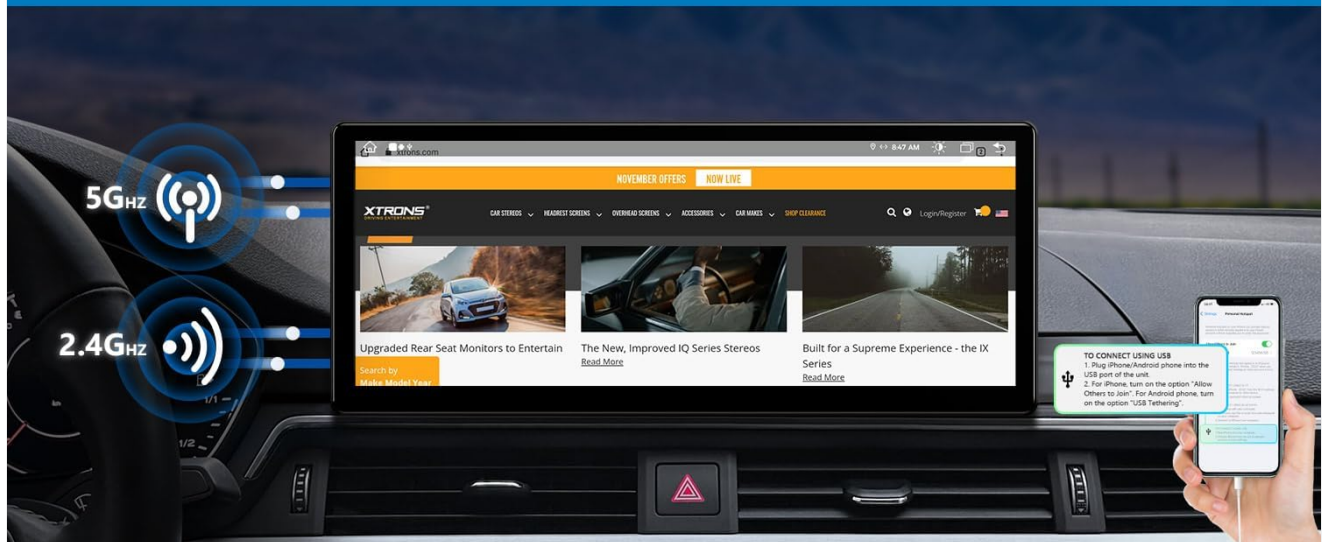


Image 5.2: Internet access options including 4G LTE (SIM data only) and dual-band Wi-Fi.

5.3 Smartphone Integration

Seamlessly integrate your smartphone for navigation, communication, and entertainment.

- **Wireless Apple CarPlay:** Connect your iPhone wirelessly via Bluetooth for access to GPS, calls, music, and Siri.
- **Wireless/Wired Android Auto:** Connect your Android phone wirelessly via Bluetooth or with a USB cable for access to GPS, calls, music, and Google Assistant.
- **Screen Mirroring:** Wirelessly mirror your smartphone's display onto the car stereo screen.

Display and Control Your Smartphone Wirelessly



Image 5.3: Smartphone integration features: Wireless CarPlay, Android Auto, and Screen Mirroring.

6. MAINTENANCE

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

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for and install available software updates to ensure the system runs efficiently and has the latest features and security patches.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Connections:** Ensure all cables are securely connected. Avoid pulling on cables forcefully.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not power on	Loose power connection, blown fuse	Check power cables and fuse. Ensure proper installation.
No sound output	Incorrect audio cable connection, volume too low, mute activated	Verify audio cable connections, adjust volume, check if mute is active. Ensure AMI cable is connected if applicable.
Touch screen unresponsive	System freeze, temporary software glitch	Restart the unit. If issue persists, perform a factory reset (refer to settings menu).
GPS signal lost or inaccurate	GPS antenna obstruction or improper placement	Ensure GPS antenna has a clear view of the sky and is securely connected.
Bluetooth connection issues	Device not discoverable, interference	Ensure Bluetooth is enabled on both devices. Try re-pairing. Move closer to the unit.

If the problem persists after attempting these solutions, please contact XTRONS customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	8bcd3f2f-c872-4447-9c21-9060854e9867
Operating System	Android 13
Processor	Octa-Core
RAM	4GB DDR4
ROM	64GB Solid State
Screen Size	12.3 inches
Screen Resolution	1920x720
Display Type	IPS Touch Screen
Connectivity	USB, Vehicle-specific wired connection, Global 4G LTE, Dual Wi-Fi (2.4GHz/5GHz), Bluetooth 5.0
Special Features	Android Auto, Apple CarPlay, Built-In Bluetooth, Built-In Wi-Fi, Touchscreen, Multi-task Display, Picture-in-Picture
Compatible Devices	Smartphone
Audio Output Mode	Stereo, Surround
Surround Sound Channel Configuration	5.1

Feature	Detail
Number of Channels	6
Video Encoding	H.264, H.265/HEVC, MPEG-4

9. WARRANTY INFORMATION

XTRONS products are covered by a manufacturer's warranty against defects in materials and workmanship. The specific warranty period and terms may vary by region and product. Please retain your proof of purchase for warranty claims. For detailed warranty information, refer to the warranty card included with your product or visit the official XTRONS website.

10. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or any inquiries regarding your XTRONS 12.3 Inch Android 13 Car Stereo, please contact XTRONS customer support through the following channels:

- **Online Support:** Visit the official XTRONS website for FAQs, support articles, and contact forms.
- **Email Support:** Refer to your product packaging or the XTRONS website for the appropriate support email address.
- **Phone Support:** Check the XTRONS website for regional phone support numbers.

When contacting support, please have your product model number (8bcd3f2f-c872-4447-9c21-9060854e9867) and proof of purchase readily available.