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- › [AudioXpress](#) /
- › [AudioXpress 9-inch Android Car Stereo \(Model 8163\) User Manual](#)

AudioXpress 8163

AudioXpress 9-inch Android Car Stereo (Model 8163) User Manual

Your guide to installation, operation, and maintenance.

1. INTRODUCTION

Thank you for choosing the AudioXpress 9-inch Android Car Stereo, Model 8163. This manual provides essential information for the safe and efficient use of your new car multimedia system. Please read this manual thoroughly before installation and operation to ensure proper functionality and to prevent damage.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** Due to the complexity of car electrical systems, professional installation is strongly advised. Incorrect installation can lead to damage to the device or vehicle.
- **Power Supply:** Ensure the device is connected to a 12V DC power supply with negative grounding.
- **Avoid Distractions:** Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- **Temperature:** Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.
- **Moisture:** Keep the device away from water and excessive moisture.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.

3. PACKAGE CONTENTS

Please check that all items are present in the package:

- AudioXpress 9-inch Android Car Stereo Unit
- User Manual (this document)
- Wiring Harnesses
- GPS Antenna
- USB Cables
- Mounting Brackets and Screws

4. PRODUCT OVERVIEW

The AudioXpress 9-inch Android Car Stereo is a feature-rich multimedia system designed to enhance your driving experience. It combines advanced technology with user-friendly functionality.



Image 4.1: Front view of the AudioXpress 9-inch Android Car Stereo, showcasing the IPS display and user interface.

Key Features:

- **9-inch IPS Display:** High-resolution, vibrant touchscreen for clear visuals and easy interaction.
- **Android Operating System:** Access to a wide range of applications and features.
- **MTK 8163 Processor:** Ensures smooth operations and fast response times.
- **4GB RAM / 64GB ROM:** Ample memory for multitasking and storage for apps and media.
- **Apple CarPlay & Android Auto:** Seamless smartphone integration for navigation, music, and communication.
- **GPS Navigation:** Built-in GPS for reliable route guidance.
- **Bluetooth Connectivity:** Hands-free calling and audio streaming.
- **Wi-Fi:** Connect to wireless networks for online features and updates.
- **DSP Sound Processor:** Advanced audio tuning capabilities for an immersive sound experience.

- **Steering Wheel Control:** Compatibility for convenient control without taking hands off the wheel.
- **50W x 4 Output:** Powerful audio output for enhanced sound quality.
- **AHD Camera Support:** Compatible with Analog High Definition cameras for improved rear view clarity.

5. SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your AudioXpress car stereo. It is highly recommended that installation be performed by a qualified professional.

5.1 Pre-Installation Checks

- Disconnect the vehicle's negative battery terminal before starting any electrical work.
- Ensure the mounting location is suitable for a 9-inch display and provides adequate ventilation.
- Verify all included accessories are present.

5.2 Wiring Connections

Refer to the wiring diagram provided with your unit for specific connections. General connections include:

- **Power Wires:** Connect the yellow wire to constant 12V (battery), red wire to accessory 12V (ignition switched), and black wire to ground.
- **Speaker Wires:** Connect to your vehicle's speakers, ensuring correct polarity.
- **GPS Antenna:** Connect the GPS antenna and position it in a location with a clear view of the sky (e.g., dashboard).
- **USB Cables:** Connect the provided USB cables for external devices or data transfer.
- **Reverse Camera Input:** Connect your AHD reverse camera to the designated input.
- **Steering Wheel Control:** Connect the SWC wires to your vehicle's steering wheel control interface (if applicable).



Image 5.1: Rear view of the AudioXpress 9-inch Android Car Stereo, showing various input and output ports for wiring connections.

5.3 Mounting the Unit

Secure the unit into the dashboard opening using the provided mounting brackets and screws. Ensure it is firmly seated and does not obstruct any vehicle controls.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off and Basic Controls

- **Power On:** The unit will power on automatically when the vehicle's ignition is turned on.
- **Power Off:** The unit will power off automatically when the vehicle's ignition is turned off.
- **Volume Control:** Adjust volume using the on-screen controls or steering wheel controls (if configured).

6.2 Touchscreen Interface

The 9-inch IPS display is a capacitive touchscreen. Navigate by tapping icons, swiping between screens, and using pinch-to-zoom gestures where applicable.

6.3 Android Auto and Apple CarPlay

Connect your compatible smartphone via USB to activate Android Auto or Apple CarPlay. Follow the on-screen prompts to set up and use these features for integrated navigation, music, and communication.

6.4 GPS Navigation

Access the pre-installed navigation application from the main menu. Ensure the GPS antenna has a clear signal for accurate positioning. You can download offline maps for areas with limited network coverage.

6.5 Bluetooth Connectivity

1. Go to the Bluetooth settings menu on the stereo.
2. Enable Bluetooth on your smartphone and search for available devices.
3. Select 'AudioXpress 8163' (or similar name) from the list on your phone.
4. Confirm the pairing code on both devices.
5. Once paired, you can make hands-free calls and stream audio.

6.6 Wi-Fi Connection

To access online features and download apps, connect the stereo to a Wi-Fi network:

1. Navigate to the Wi-Fi settings menu.
2. Turn on Wi-Fi and select your desired network from the list.
3. Enter the password if prompted and connect.

6.7 DSP Sound Processor

The Digital Sound Processor (DSP) allows for advanced audio customization. Access the DSP settings to adjust equalizer presets, balance, fader, and subwoofer output for optimal sound quality.

6.8 Steering Wheel Control (SWC)

If your vehicle supports steering wheel controls and they are correctly wired, you can configure them in the system settings. This allows you to control functions like volume, track skipping, and mode switching directly from your steering wheel.

7. MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn marks, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals.
- **Software Updates:** Periodically check for system software updates via Wi-Fi to ensure optimal performance and access to new features.
- **Avoid Overheating:** Ensure the unit has proper ventilation and is not exposed to direct sunlight for extended periods, especially when parked.

8. TROUBLESHOOTING

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

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem | Possible Cause | Solution |
|---------------------------|---|--|
| No Power | Incorrect wiring; Blown fuse; Vehicle battery issue. | Check power connections (yellow, red, black wires). Inspect vehicle fuses. Ensure battery is charged. |
| No Sound | Volume too low; Mute activated; Incorrect speaker wiring; DSP settings. | Increase volume. Check if mute is active. Verify speaker connections. Adjust DSP settings. |
| GPS Not Working | GPS antenna not connected or poorly positioned; No satellite signal. | Ensure GPS antenna is securely connected and placed with a clear view of the sky. Wait for signal acquisition. |
| Bluetooth Pairing Failure | Device not in pairing mode; Incorrect password; Interference. | Ensure both devices are in pairing mode. Re-enter password. Try pairing in a different location. |
| Touchscreen Unresponsive | System freeze; Software issue. | Restart the unit (turn vehicle ignition off and on). If issue persists, perform a factory reset (data will be lost). |

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

9. SPECIFICATIONS

Detailed technical specifications for the AudioXpress 9-inch Android Car Stereo (Model 8163):

- **Brand:** AudioXpress (Manufacturer: Audioxpress)
- **Model:** 8163
- **Product Dimensions:** 1 x 2.5 x 7.5 cm; 2.04 kg (Unit only)
- **Item Weight:** 2 kg 40 g
- **Operating System:** Android
- **Processor:** MTK 8163 (Quad-Core CPU)
- **RAM:** 4GB
- **Internal Storage (ROM):** 64GB
- **Display Size:** 9.1 Inches (Standing screen display size)
- **Display Type:** IPS Touchscreen
- **Audio Output Mode:** Stereo
- **Audio Output Type:** Bluetooth, Speakers
- **Speaker Surround Sound Channel Configuration:** Stereo
- **Connectivity Technology:** Bluetooth, USB, Wi-Fi
- **Compatible Devices:** Android, iPhone
- **Special Features:** Android Auto, Apple CarPlay, Bluetooth Connectivity, GPS Navigation, Touchscreen, DSP Sound Processor, AHD Camera Support, Steering Wheel Control
- **Audio Output Power:** 50W x 4
- **Country of Origin:** India

10. WARRANTY AND SUPPORT

Your AudioXpress 9-inch Android Car Stereo (Model 8163) comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance standards.

For warranty claims, technical support, or any inquiries, please contact your retailer or the manufacturer directly. Please have your proof of purchase and product model number ready when contacting support.