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› ASHATA 5.1-inch Single Din MP5 Car Radio User Manual

ASHATA 5009

ASHATA 5.1-inch Single Din MP5 Car Radio User Manual

Model: 5009

1. INTRODUCTION

Thank you for purchasing the ASHATA 5.1-inch Single Din MP5 Car Radio. This device is designed to enhance your in-car entertainment and connectivity with its high-definition touch screen, Bluetooth functionality, USB ports, and smartphone integration features. Please read this manual thoroughly before installation and operation to ensure proper use and to prevent damage.



Image 1.1: Front view of the ASHATA 5.1-inch Single Din MP5 Car Radio, displaying its touch screen interface with various application icons.

2. SAFETY INFORMATION

To ensure safe operation and prevent injury or damage, please observe the following precautions:

- Do not operate the device in a manner that distracts you from driving. Always prioritize road safety.
- Installation should be performed by a qualified professional to avoid electrical shorts or damage to your vehicle.
- Do not disassemble or modify the unit. This may cause electric shock, fire, or other malfunctions.
- Keep the volume at a level that allows you to hear outside traffic and emergency signals.
- Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

3. PACKAGE CONTENTS

Please check the package for the following items:

- ASHATA 5.1-inch Single Din MP5 Car Radio Unit
- Power Wiring Harnesses (2 sets)
- Remote Control
- User Manual (this document)



Image 3.1: The ASHATA 5.1-inch Single Din MP5 Car Radio unit, two wiring harnesses, and a remote control, representing the typical package contents.

4. PRODUCT OVERVIEW

Familiarize yourself with the various parts and connections of your ASHATA MP5 Car Radio.

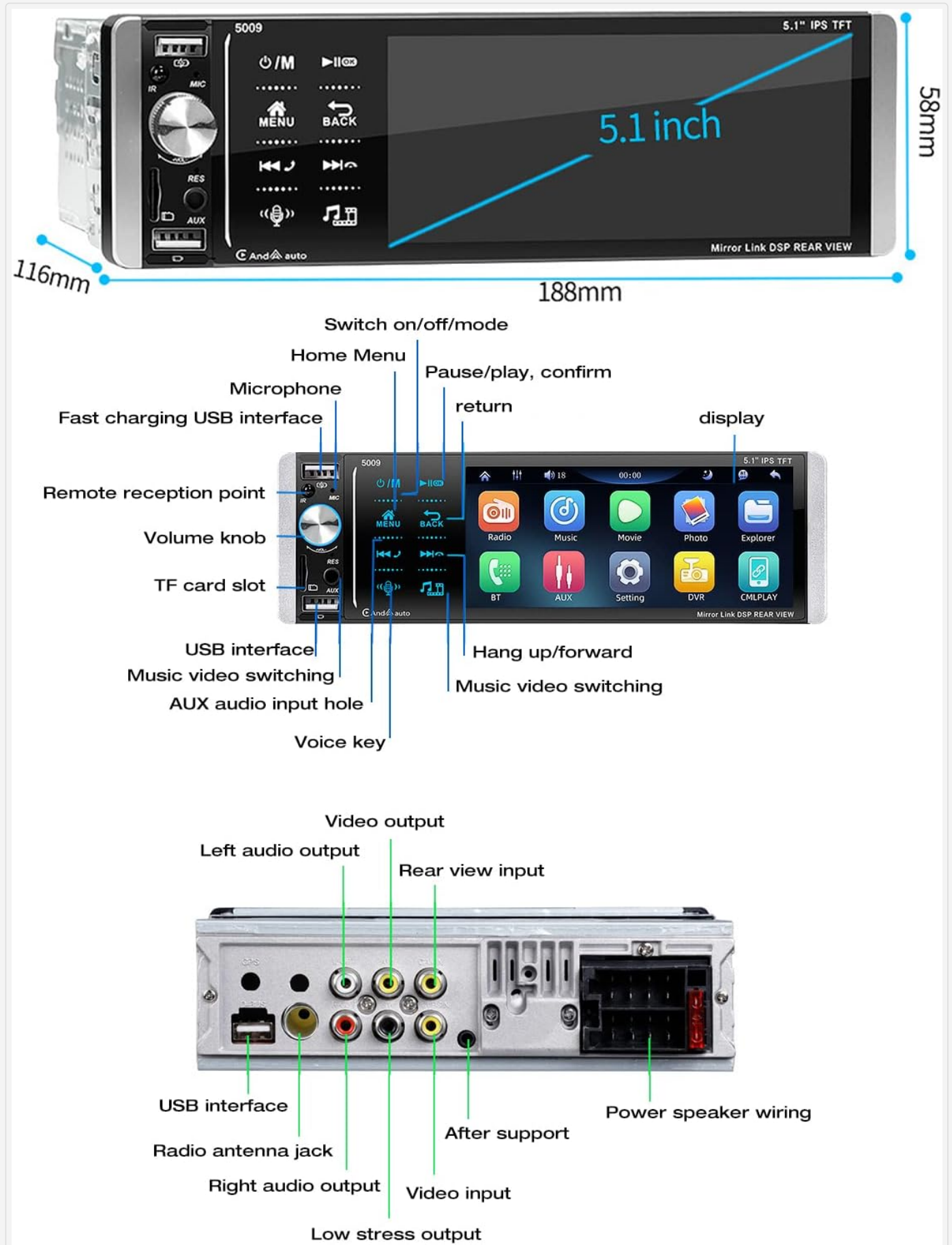


Image 4.1: Detailed diagram illustrating the front panel controls (e.g., volume knob, USB ports, microphone, IR receiver, TF card slot) and rear panel connections (e.g., power speaker wiring, audio outputs, video input, radio antenna jack) of the ASHATA 5.1-inch Single Din MP5 Car Radio.

Front Panel Controls:

- **Power/Mode Button:** Short press to switch modes (Radio, USB, BT, AUX, CMLPLAY); long press to power on/off.
- **Volume Knob:** Rotate to adjust volume. Press to mute/unmute.
- **USB Ports (Front):** For media playback and fast charging.
- **TF Card Slot:** For media playback from a TF card.
- **AUX Input:** 3.5mm jack for external audio devices.
- **Microphone:** For hands-free calling.
- **IR Receiver:** For remote control signals.
- **Menu/Back Buttons:** Navigate the interface.

Rear Panel Connections:

- **Power Speaker Wiring:** Connects to vehicle's power and speakers.
- **USB Interface (Rear):** For connecting a car recorder or additional USB devices.
- **Radio Antenna Jack:** Connects to the vehicle's radio antenna.
- **Video Input/Output:** For connecting external video sources or displays.
- **Rear View Input:** Dedicated input for a rear view camera.
- **Audio Output (Left/Right):** RCA outputs for external amplifiers.

5. INSTALLATION

Proper installation is crucial for the performance and safety of your car radio. If you are unsure about any steps, consult a professional installer.

General Installation Steps:

1. **Disconnect Battery:** Before starting, disconnect the negative terminal of your vehicle's battery to prevent electrical shorts.
2. **Remove Old Unit:** Carefully remove your existing car radio from the dashboard.
3. **Connect Wiring:** Match the wiring harnesses from the ASHATA unit to your vehicle's wiring. This typically involves connecting power (constant 12V, accessory 12V, ground), speaker wires, and antenna. Refer to your vehicle's wiring diagram if necessary.
4. **Connect Optional Accessories:** If installing a rear view camera, connect its video cable to the 'Rear View Input' on the unit's rear panel and its power to the reverse light circuit. Connect any external amplifiers or other accessories.
5. **Test Connections:** Before fully mounting the unit, reconnect the battery and briefly test the basic functions (power on, radio, sound).
6. **Mount the Unit:** Secure the ASHATA unit into the single DIN slot in your dashboard.
7. **Reassemble Dashboard:** Reinstall any trim panels or components removed during the process.

6. INITIAL SETUP

After installation, perform these initial setup steps:

- **Power On:** Press and hold the Power/Mode button to turn on the unit.
- **Language Settings:** Navigate to the 'Settings' menu to select your preferred language.
- **Time and Date:** Adjust the system time and date in the 'Settings' menu.
- **Audio Settings:** Adjust equalizer (EQ) settings, bass output, and other audio preferences for optimal sound quality.

7. OPERATING INSTRUCTIONS

This section details how to use the various features of your ASHATA MP5 Car Radio.

7.1 Basic Operation

- **Power On/Off:** Long press the Power/Mode button.
- **Mode Selection:** Short press the Power/Mode button to cycle through Radio, USB, BT (Bluetooth), AUX, and CMLPLAY (Mirror Link) modes.
- **Volume Adjustment:** Rotate the volume knob. Press the knob to mute/unmute.
- **Menu Navigation:** Use the touch screen or physical 'Menu' and 'Back' buttons to navigate the interface.

7.2 Radio Function (FM/RDS)

Access the 'Radio' icon on the main screen.

- **Automatic Search:** Press the 'Auto Search' button to scan and save available stations.
- **Manual Tuning:** Use the arrow buttons to fine-tune frequencies.
- **Presets:** Touch and hold a preset number to save the current station.

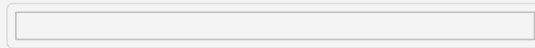


Image 7.2.1: The FM/RDS radio interface of the ASHATA car radio, showing frequency display and control options.

7.3 Bluetooth Function

Access the 'BT' icon on the main screen.

- **Pairing:** On your mobile device, search for Bluetooth devices and select 'ASHATA_CAR_BT' (or similar name). Enter '0000' if a PIN is required.
- **Hands-Free Calling:** Once paired, you can make and receive calls directly from the car radio's screen. The built-in microphone allows for clear communication.
- **Bluetooth Music:** Stream audio from your paired device to the car radio.



Image 7.3.1: A smartphone connected via Bluetooth to the ASHATA car radio, demonstrating hands-free calling functionality.

7.4 USB/TF Card Playback & Charging

Insert a USB drive or TF card into the designated ports. The unit will automatically switch to USB/TF mode or you can select it manually.

- **Media Playback:** Play audio and video files stored on your USB drive or TF card.
- **Fast Charging:** The front USB port supports fast charging for mobile devices. The rear USB port can be used for a car recorder.

3 USB ports to meet demand and support fast charging of USB devices

Rear USB port

Front USB port



Image 7.4.1: Close-up view of the ASHATA car radio's front and rear USB ports, illustrating a smartphone connected for charging.

7.5 Mirror Link (CMLPLAY)

The Mirror Link function allows you to display your smartphone's screen on the car radio's display.

- **iOS Devices:** Supports one-way projection (phone screen displayed on radio).
- **Android Devices:** Supports two-way connection (phone screen displayed on radio, and radio screen can control phone).
- **Connection:** Connect your smartphone to the car radio via a USB cable. Follow the on-screen prompts for setup.

Support Apple, Android cell phone interconnection, interconnection can use the phone part of the function



Image 7.5.1: The ASHATA car radio displaying a mirrored smartphone screen, showing various app icons, indicating successful Mirror Link connection for both iOS and Android devices.

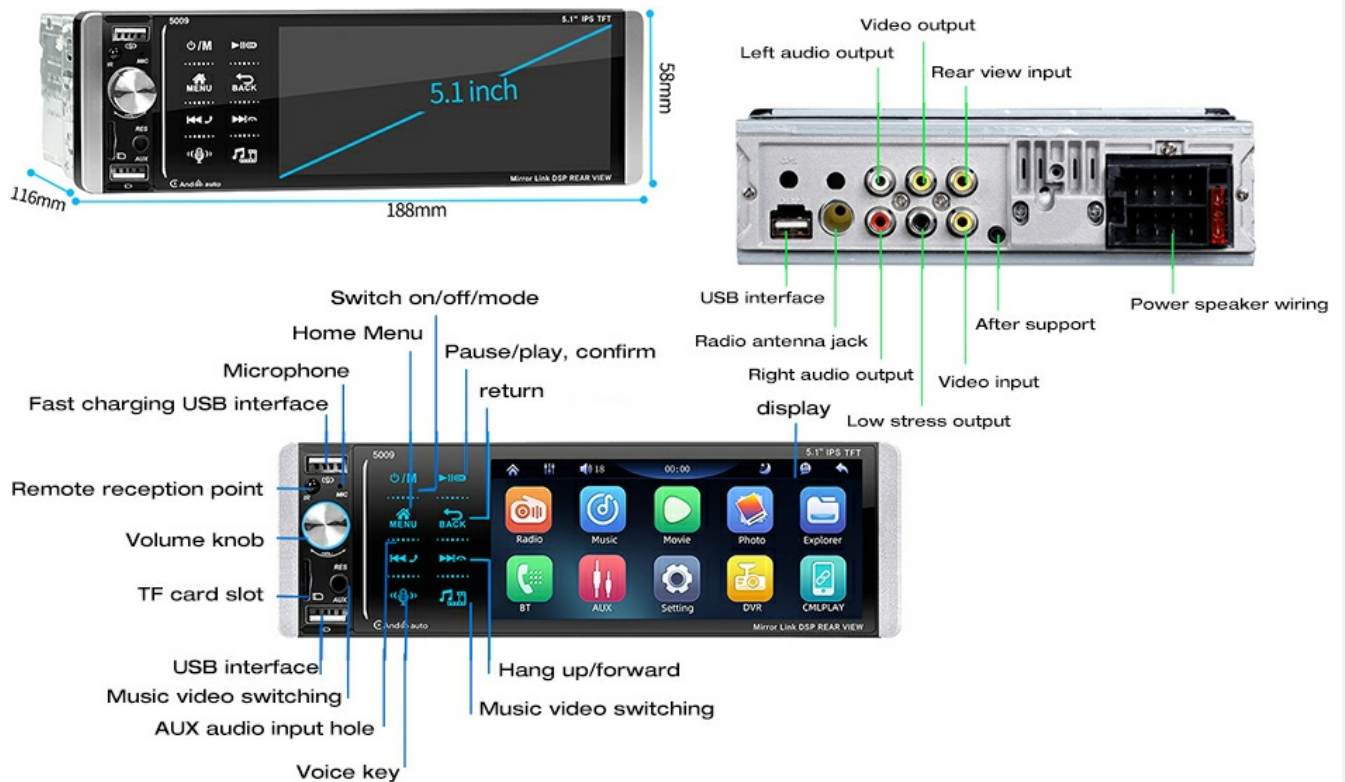


Image 7.5.2: The ASHATA car radio displaying the Apple CarPlay interface, showing navigation, music, and communication apps, indicating seamless integration with iOS devices.

7.6 AI Voice Control

Utilize the intelligent AI voice control feature for hands-free operation.

- **Activation:** Activate voice control through the Mirror Link interface or a dedicated voice key (if available).
- **Commands:** Use voice commands for tasks such as making calls, navigating, or playing music.

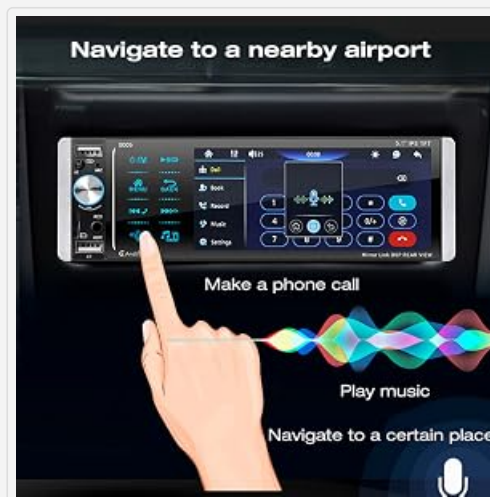


Image 7.6.1: The ASHATA car radio displaying a voice control interface, showing prompts for making calls, playing music, and navigation.

7.7 Rear View Camera Input

Connect a compatible rear view camera (not included) to the dedicated input for enhanced safety during reversing.

- **Automatic Display:** When the vehicle is shifted into reverse, the screen will automatically display the camera feed.



Image 7.7.1: The ASHATA car radio screen showing a rear view camera feed with parking guidelines, demonstrating the reversing assistance feature.

7.8 Steering Wheel Control

The unit supports steering wheel remote control (remote control not included with the main unit). This allows for convenient operation without taking your hands off the steering wheel.



Image 7.8.1: An ASHATA car radio installed in a dashboard, with an optional steering wheel remote control shown nearby, indicating support for external steering wheel controls.

7.9 Customizable Backlight

The unit features a seven-color backlight for the buttons, which can be customized in the settings menu to match your vehicle's interior lighting or personal preference.

Support Apple cell phone Carplay

interconnection, Apple cell phone system instead of the car system, easy to control some of the functions of the phone in the locomotive panel display operation, smooth operation of a variety of music navigation and other APP

- Siri Voice Assistant
- Real-time road conditions
- Mobile navigation
- Multiple maps available
- Independent operation
- Multiple APP applications
- Send SMS
- Make a call
- Play music
- Smooth operation

Image 7.9.1: The ASHATA car radio displaying its interface with examples of different customizable backlight colors for the buttons.

8. MAINTENANCE

To ensure the longevity and optimal performance of your ASHATA MP5 Car Radio, follow these maintenance guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touch screen. For stubborn smudges, slightly dampen the cloth with water or a screen-cleaning solution. Avoid harsh chemicals or abrasive materials.
- **General Cleaning:** Wipe the unit's exterior with a soft, dry cloth. Do not use excessive moisture.
- **Avoid Obstructions:** Ensure that no objects block the ventilation openings of the unit to prevent overheating.

9. TROUBLESHOOTING

If you encounter issues with your ASHATA MP5 Car Radio, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; blown fuse; vehicle battery issue.	Check power connections (constant 12V, accessory 12V, ground). Inspect vehicle fuses. Ensure battery is charged.

Problem	Possible Cause	Solution
No sound.	Volume too low; speaker wires disconnected; incorrect audio settings.	Increase volume. Check speaker wiring connections. Verify audio output settings.
Bluetooth not connecting.	Device not in pairing mode; incorrect PIN; interference.	Ensure both devices are in pairing mode. Re-enter PIN '0000'. Move closer to the unit. Restart both devices.
Mirror Link not working.	Incorrect USB cable; phone settings; app compatibility.	Use a high-quality USB data cable. Check phone's USB debugging or connection settings. Ensure phone's OS is compatible.
Radio reception is poor.	Antenna not connected; weak signal area; damaged antenna.	Ensure antenna is securely connected. Try in a different location. Inspect antenna for damage.

10. SPECIFICATIONS

Feature	Detail
Product Dimensions	2.28 x 5.1 x 2.28 inches
Item Weight	1.25 pounds
Brand	ASHATA
Connectivity Technology	Bluetooth
Controller Type	Android, iOS
Special Feature	Touchscreen
Compatible Devices	Smartphone, Speaker
Connector Type	3.5mm Jack, USB
Audio Output Mode	Stereo
Surround Sound Channel Configuration	5.1
Color	Default

11. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided at the time of purchase or contact ASHATA customer service through your retailer. Keep your purchase receipt as proof of purchase.

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.

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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.

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