

Alondy PAX-6287W

Alondy Single Din Car Stereo User Manual

Model: PAX-6287W

1. INTRODUCTION

Thank you for choosing the Alondy Single Din Car Stereo. This device features a 6.9-inch HD touchscreen, offering seamless integration with Apple CarPlay and Android Auto (both wireless and wired), Bluetooth connectivity for hands-free calls and audio streaming, AM/FM radio with RDS, and support for a rear view camera. It also includes a Type-C USB port for 2.1A fast charging and a standard USB port for media. This manual provides essential information for installation, operation, maintenance, and troubleshooting to ensure optimal performance and user satisfaction.

2. SAFETY INFORMATION

- Read all instructions thoroughly before attempting installation or operation.
- Professional installation is highly recommended to prevent damage to the unit or vehicle.
- Ensure all wiring connections are secure and correctly insulated to avoid short circuits or electrical hazards.
- Do not operate the device or adjust settings that distract you from driving. Always prioritize road safety.
- Keep the unit away from water, moisture, and extreme temperatures.

3. PACKAGE CONTENTS

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

- 1 x Alondy Car MP5 Player with Mount
- 1 x Remote Control (battery not included)
- 2 x Power Cables
- 1 x Rear View Camera
- 2 x Camera Cables
- 1 x External Microphone
- 1 x User Manual



Figure 3.1: The Alondy Single Din Car Stereo unit, along with its included accessories: remote control, external microphone, and rear view camera.

4. PRODUCT OVERVIEW

4.1 Components and Ports

Familiarize yourself with the main components and connection ports of your car stereo.



Figure 4.1: Rear view of the Alondy car stereo showing various input/output ports and dimensions.

- **Front Panel:** 6.9-inch HD Touch Screen, Volume Knob, Reset Button, USB ports (Type-C for fast charge, standard for media).
- **Rear Panel:** ISO Power Plug, Radio Antenna Input, RCA Audio Output (Subwoofer), Video Input, Microphone Input, Reserve Camera Input, USB for DVR.

4.2 Key Features

- **Display:** 6.9-inch HD Touch Screen with 1280x480 resolution.
- **Smartphone Integration:** Wireless/Wired Apple CarPlay & Android Auto.
- **Connectivity:** Bluetooth for hands-free calling and music streaming, Type-C USB 2.1A Fast Charge, standard USB for media.
- **Audio:** AM/FM Radio with RDS, 10-Band EQ Sound Effect.
- **Control:** Voice Control (SIRI/Google Assistant), Steering Wheel Control support.
- **Video:** Mirror Link functionality, HD Night Vision Rear Back-up Camera support.
- **Microphone:** Built-in Microphone and External Microphone included.

5. INSTALLATION

Proper installation is crucial for the performance and longevity of your car stereo. It is highly recommended to have the unit installed by a qualified professional.

5.1 Mounting the Unit

1. Ensure your vehicle has a single DIN slot available.
2. Slide the mounting sleeve into the dashboard opening until it locks securely.
3. Carefully slide the car stereo unit into the mounting sleeve until it clicks into place.

5.2 Wiring Connections

Refer to the wiring diagram provided with your power cables and the rear panel illustration for correct connections.



Figure 5.1: Detailed diagram of the rear connections for the Alondy car stereo, indicating ports for power, speakers, camera, USB, and microphone.

- **Power Cables:** Connect the main power harness (ISO Plug) to your vehicle's wiring. Ensure correct connections for constant power (yellow), accessory power (red), and ground (black).
- **Speaker Wires:** Connect the speaker wires from the harness to your vehicle's speakers, ensuring correct polarity for each channel.

- **Rear View Camera:** Connect the camera video cable to the 'Reserve Camera' input on the stereo's rear panel. Connect the camera's power to the vehicle's reverse light circuit.
- **External Microphone:** Plug the external microphone into the dedicated 'Mic' input on the rear panel. Position the microphone in a suitable location for clear voice pickup.
- **USB Connections:** The front panel has a Type-C USB for fast charging and a standard USB for media. The rear panel has a USB port for DVR functionality.

6. SETUP

After installation, follow these steps for initial setup.

1. **Initial Power On:** Turn on your vehicle's ignition. The stereo should power on automatically.
2. **Language and Time Settings:** On the first boot, you may be prompted to select your preferred language and set the correct time and date. Navigate through the settings menu to adjust these if necessary.
3. **Bluetooth Pairing:**
 - On the stereo, go to the Bluetooth menu.
 - Enable Bluetooth on your smartphone and search for available devices.
 - Select "Alondy Car Stereo" (or similar name) from the list and confirm pairing.
4. **CarPlay/Android Auto Connection:**
 - **Wireless:** Ensure Bluetooth is paired. On your phone, enable Wi-Fi and connect to the stereo's Wi-Fi hotspot (if prompted). Follow on-screen instructions.
 - **Wired:** Connect your smartphone to the stereo's USB port using a certified USB cable. Follow any prompts on both the stereo and your phone.
5. **Radio Station Scan:** Navigate to the FM/AM radio interface and perform an automatic scan to save available stations.

7. OPERATING INSTRUCTIONS

7.1 Touchscreen Navigation

The 6.9-inch HD touchscreen allows for intuitive control. Tap icons to select functions, swipe to navigate menus, and use pinch-to-zoom where applicable (e.g., maps).

7.2 Apple CarPlay & Android Auto

Access your smartphone's features safely while driving.



Figure 7.1: The Alondy car stereo displaying Apple CarPlay and Android Auto interfaces within a vehicle dashboard.

- Once connected (wired or wireless), the CarPlay/Android Auto interface will appear on the screen.
- Use the touchscreen to access navigation, music, calls, messages, and other compatible apps.

7.3 Bluetooth Hands-Free Calling and Music

After pairing your phone, you can make and receive calls directly from the stereo and stream audio.

- **Calling:** Access the 'Phone' icon on the main menu. You can dial numbers, view call history, and access your phonebook. Use the external microphone for clear voice transmission.
- **Music Streaming:** Select the 'Bluetooth Audio' source to play music from your paired device.

7.4 Voice Control

Activate Siri or Google Assistant for voice commands.

Voice Control Bluetooth Hands-free calling

Support music, map, phone call applications via SIRI.
Free your hands and drive safer.



Figure 7.2: Depiction of the voice control functionality, showing integration with Siri and Google Assistant for hands-free operation.

- Press the voice control button on the screen or steering wheel (if configured) to activate your phone's voice assistant.
- Give commands for navigation, music playback, calls, and more.

7.5 Mirror Link

Mirror your smartphone's screen directly onto the stereo display.

Mirror Link

Support most iPhone and Android phones for mirroring connection. It can sync the phone screen, such as map navigation, watching movies, etc.



Figure 7.3: Illustration of the Mirror Link feature, allowing screen mirroring from a smartphone to the car stereo display.

- Select the 'Mirror Link' icon. Follow the on-screen instructions to connect your Android or iOS device.
- Once connected, your phone's display will be mirrored, allowing you to view videos, photos, or other content.

7.6 Rear View Camera Display

When the vehicle is shifted into reverse, the stereo automatically displays the rear view camera feed.



Figure 7.4: The car stereo screen displaying the rear view camera feed, assisting with parking and reversing maneuvers.

- Ensure the rear view camera is correctly installed and wired to the reverse light trigger.
- The display will revert to the previous screen when the vehicle is taken out of reverse.

8. MAINTENANCE

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

- **Screen Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner specifically designed for electronic displays. Do not use abrasive cleaners or solvents.
- **General Care:** Keep the unit free from dust and debris. Avoid exposing the unit to direct sunlight for extended periods, especially in hot weather, as this can affect screen performance and internal components.
- **Ventilation:** Ensure the ventilation openings on the unit are not blocked to prevent overheating.

9. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No Power	Incorrect wiring; Blown fuse; Vehicle ignition off.	Check power cable connections (yellow, red, black). Inspect vehicle's fuse box and stereo's fuse. Ensure ignition is on.
No Sound	Speaker wires disconnected; Volume too low; Mute function active; Incorrect audio source.	Verify speaker wire connections. Increase volume. Check if mute is enabled. Select correct audio source (e.g., FM, Bluetooth, USB).
Bluetooth Connection Issues	Phone not discoverable; Incorrect pairing; Interference.	Ensure phone's Bluetooth is on and discoverable. Delete previous pairings on both devices and re-pair. Move closer to the unit.
CarPlay/Android Auto Not Connecting	Incorrect USB cable; Software glitch; Phone settings.	Use a certified USB cable. Restart both phone and stereo. Check phone's CarPlay/Android Auto settings. For wireless, ensure Bluetooth and Wi-Fi are enabled.
Rear Camera Not Displaying	Camera not powered; Video cable loose; Reverse trigger not connected.	Check camera power supply. Ensure video cable is securely connected to 'Reserve Camera' input. Verify reverse trigger wire is connected to vehicle's reverse light.
Touchscreen Unresponsive	System freeze; Dirt on screen.	Press the reset button (usually a small hole requiring a pin). Clean the screen thoroughly.

If the problem persists after trying these solutions, please contact Alondy customer support for further assistance.

10. SPECIFICATIONS

Feature	Specification
Model Number	PAX-6287W
Product Dimensions	3.46 x 7 x 1.9 inches
Item Weight	2.2 pounds (1 Kilogram)
Voltage	DC 12V
Output Power	45W *4
Screen Size	6.9 inches
Screen Resolution	1280x480
Connectivity Technology	Auxiliary, Bluetooth, USB
Connector Type	USB, 3.5mm Jack
Audio Output Mode	Stereo
Surround Sound Channel	4.0

11. WARRANTY AND SUPPORT

Alongdy products are designed and manufactured to the highest quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official Alongdy website. For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please contact Alongdy customer service through the contact information provided with your product or on the official website.