

Polarlander 9582A

Polarlander Double Din Car Stereo User Manual

MODEL: 9582A

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Polarlander Double Din Car Stereo, Model 9582A. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage. Keep this manual for future reference.

2. Product Overview

2.1 Key Features

- **Operating System:** Android 10 with 2GB RAM and 32GB ROM.
- **Display:** 9.5-inch HD IPS vertical touchscreen with 768*1024 resolution.
- **Connectivity:** Built-in WiFi, GPS Navigation, Bluetooth 5.1.
- **Smartphone Integration:** Mirror Link function for iOS and Android devices.
- **Audio:** FM/RDS radio, 4*45W output power, 2.1CH audio output.
- **Ports:** Dual front USB ports for media playback and fast charging.
- **Camera Support:** Rear view camera input and USB DVR support.
- **Additional Functions:** Split screen, multi-language support, multiple boot screens, EQ sound effects, clock function, power-off memory.



Figure 2.1: The Polarlander 9.5-inch Double Din Car Stereo, showcasing its main unit, included rear view camera, and DVR.

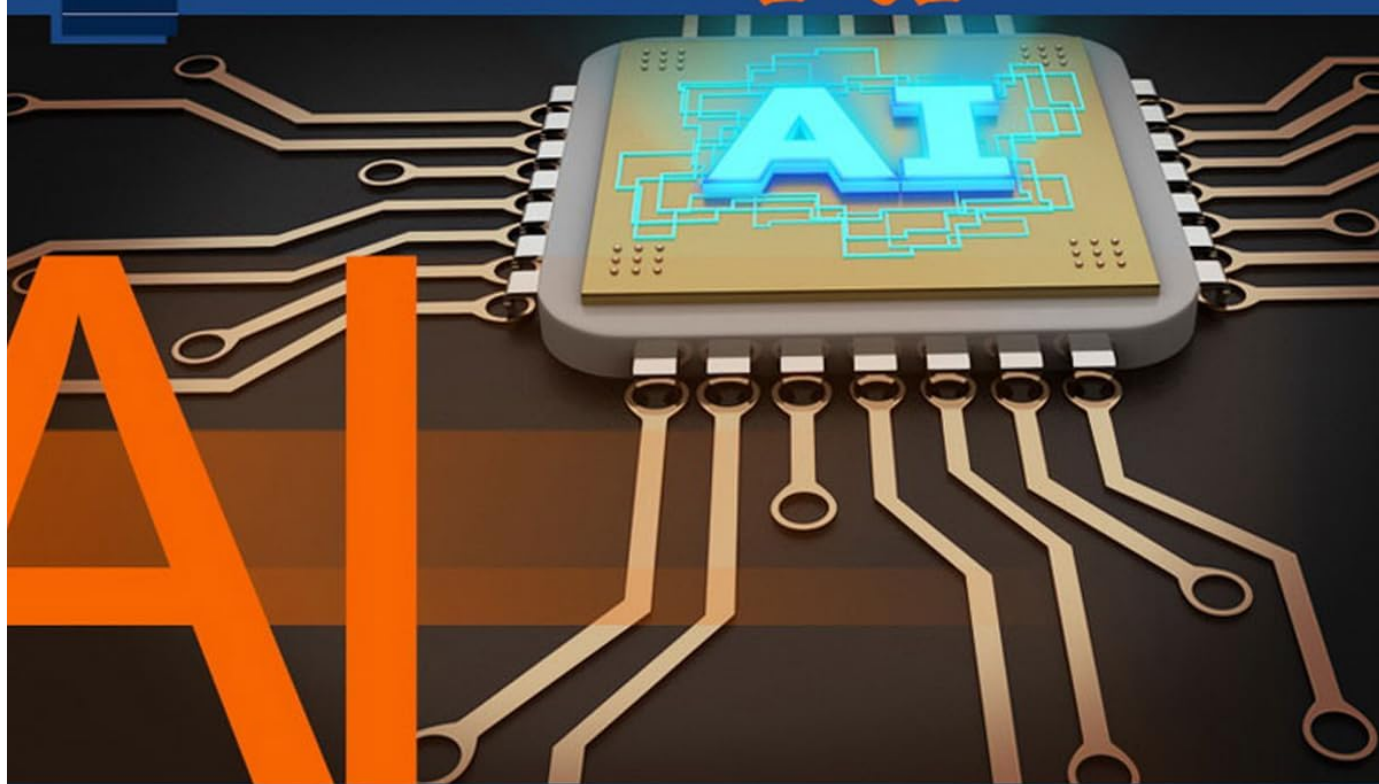
We have all the functions you want

			
High speed chip	Capacitive touch	Android 2+32G	HD playback
			
App Download	mirrorlink	Wired connection	4.2BT
			
BT MUSIC	GPS	BT HF	Multilingual
			
USB play	9.5"	music	remote control
			
Reversing video	charge	Multi model	memory
			
Mute	Clock	multi-function	

Figure 2.2: An overview of the car stereo's various functionalities, including its Android system, connectivity options, and media capabilities.

02

10.0 Android **2+32** G



Using the latest high-speed chip,
the connection is more convenient and fast!

Figure 2.3: Visual representation of the high-speed chip powering the Android 10 system with 2GB RAM and 32GB storage.

2.2 Package Contents

Upon unpacking, verify that all standard accessories are present:

- Universal Android Machine (Main Unit)
- Power Supply and Speaker Cable
- 7 RCA Cable
- USB Cable (x2)
- Reverse RCA Cable
- GPS Antenna
- User Manual (this document)
- USB DVR (if included in your specific package)



Figure 2.4: All components included in the standard package for the car stereo.

3. Setup & Installation

Professional installation is recommended. Ensure the vehicle's power is disconnected before beginning installation.

3.1 Dimensions

The main unit has a standard double din installation size of 178mm x 100mm (approximately 7 inches x 4 inches). The vertical screen is 9.5 inches. Ensure your vehicle's dashboard opening is compatible.

4. Operating Instructions

4.1 Basic Operation

- **Power On/Off:** The unit typically powers on with the vehicle's ignition. Press and hold the power button (if available) for manual control.
- **Volume Control:** Use the physical rotary knob or the touchscreen controls to adjust the volume.
- **Touchscreen:** Navigate the interface by tapping, swiping, and pinching on the 9.5-inch HD touchscreen.

4.2 Android System

The unit runs on Android 10, providing a familiar smartphone-like experience.

- **Home Screen:** Access frequently used apps and widgets.
- **App Drawer:** Swipe up or tap the 'Apps' icon to view all installed applications.
- **Settings:** Access system settings for WiFi, Bluetooth, display, sound, and more.
- **WiFi Connection:** Connect to a mobile hotspot or a wireless WiFi network to access online features, download apps, and update software.

4.3 GPS Navigation

The built-in GPS module supports various navigation applications.

- **Offline Maps:** Pre-installed or downloadable offline maps allow navigation without an internet connection.
- **Online Navigation:** With a WiFi connection, use online navigation apps for real-time traffic updates and routing.
- **Voice Guidance:** Follow spoken directions for convenient travel.

GPS

Built in GPS function, support offline map, map data can be updated in time,
Support voice report, make your travel convenient.



Figure 4.1: The car stereo's integrated GPS navigation system, providing guidance and map data.

4.4 Bluetooth Connectivity

Connect your smartphone via Bluetooth 5.1 for hands-free communication and audio streaming.

1. Enable Bluetooth on your smartphone and the car stereo.
2. Search for available devices on your smartphone and select the car stereo (e.g., "Polarlander 9582A").
3. Confirm the pairing code on both devices.
4. Once paired, you can make/receive calls and stream audio directly to the car stereo.

4.5 Mirror Link

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

1. Connect your Android or iOS smartphone to the car stereo via a USB cable.
2. Follow the on-screen prompts to activate Mirror Link. You may need to enable USB debugging or grant permissions on your phone.

3. Once connected, your phone's screen will be mirrored, allowing you to control apps like Google Maps, Spotify, or YouTube from the car stereo's display.



Figure 4.2: The Mirror Link feature in action, displaying a smartphone's content on the car stereo screen.

4.6 FM/RDS Radio

Enjoy high-quality digital stereo FM radio with RDS functionality.

- **Station Search:** Use automatic or semi-automatic search to find radio stations.
- **Presets:** Save your favorite stations for quick access.
- **RDS:** Radio Data System displays information like station name, song title, and traffic announcements (where available).

► Full frequency radio ◀

High quality digital stereo FM radio, automatic search station, semi-automatic search station and fine-tuning station, automatic storage station, radio preset. Listen to music, news and traffic information and enjoy yourself anytime, anywhere.



Figure 4.3: Representation of the full frequency FM radio feature, offering access to various radio stations.

4.7 Media Playback

The unit supports various audio and video formats via USB.

- **USB Playback:** Insert a USB drive into one of the front USB ports to play music or videos.
- **Supported Audio Formats:** MP3, WMA, AAC, RM, FALC, etc.
- **Supported Video Formats:** MPEG-1/2/4, H264, H263, VC1, RV, RMVB, DivX, Sorenson Spark, Spark, VP8, AVS Stream.
- **Supported Photo Formats:** JPG, BMP, JPEG, GIF, PNG.

▶ HD playback ◀

9.5-inch IPS HD large screen, each angle gives you different visual experience,
Let's calm down and enjoy a high-definition visual feast



Figure 4.4: The 9.5-inch IPS screen displaying high-definition video content, demonstrating its HD playback capabilities.

4.8 Rear View Camera and DVR

- **Rear View Camera:** When the vehicle is shifted into reverse gear, the unit will automatically switch to the rear view camera display within 2 seconds.
- **USB DVR:** If a compatible USB DVR is connected, you can access its functions and recordings through the unit's interface.

4.9 Split Screen Function

The split screen feature allows you to run two applications simultaneously on the display, such as navigation and music playback. Consult the Android system's multitasking options to activate and manage split screen mode.

5. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. For stubborn marks, slightly dampen the cloth with water. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for system updates via the unit's settings menu when connected to WiFi. Updates can improve performance and add new features.
- **Temperature:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive humidity.

6. Troubleshooting

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Incorrect wiring, blown fuse, vehicle ignition off.	Check power connections (B+, ACC, GND). Inspect vehicle fuses. Ensure ignition is on.
No sound	Speaker wiring incorrect, volume too low, mute activated.	Verify speaker connections. Increase volume. Check if mute is active.
GPS signal lost/weak	GPS antenna improperly installed or obstructed.	Ensure GPS antenna has a clear view of the sky. Check antenna connection.
Bluetooth not connecting	Bluetooth off on unit/phone, incorrect pairing.	Ensure Bluetooth is enabled on both devices. Delete previous pairings and re-pair.
Mirror Link not working	USB cable issue, phone settings, app compatibility.	Try a different USB cable. Check phone settings for USB debugging/permissions. Ensure app compatibility.
Touchscreen unresponsive	System freeze, temporary glitch.	Restart the unit (power cycle). If persistent, contact support.

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

7. Specifications

Feature	Specification
Model	9582A
Operating System	Android 10
Memory/Storage	2GB RAM / 32GB ROM
Display	9.5-inch IPS HD Touchscreen, 768*1024 Resolution
Voltage	10-16V
Output Power	4*45W (Max 180W)

Feature	Specification
Audio Output	2.1 Channel Line Output
Bluetooth	Bluetooth 5.1
WiFi	IEEE802.11B/g/n compatible WLAN, 2.4GHz
GPS	SMA Interface, Built-in GPS
FM Frequency	76.0MHz-108.0MHz / RDS
USB Type	USB2.0 (Dual Front Ports)
Video Input	2 Channels (1 Rear View, 1 AUX Video)
Video Output	1 Channel
Supported Audio Formats	MP3, WMA, AAC, RM, FALC, etc.
Supported Video Formats	MPEG-1/2/4, H264, H263, VC1, RV, RMVB, DivX, Sorenson Spark, Spark, VP8, AVS Stream
Supported Photo Formats	JPG, BMP, JPEG, GIF, PNG

8. Warranty & Support

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or service inquiries, please reach out to the manufacturer or seller directly. Keep your purchase receipt as proof of purchase.

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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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