

Polarlander 5188C

Polarlander Car Stereo MP5 Player

MODEL: 5188C

User Instruction Manual

1. Introduction

Thank you for purchasing the Polarlander Car Stereo MP5 Player, Model 5188C. This device is designed to enhance your in-car entertainment and connectivity with features such as Bluetooth, FM/AM/RDS radio, USB/SD playback, AUX input, Mirror Link, and AI Voice Control. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and user satisfaction. Please read this manual thoroughly before using the product.

2. Safety Information

- Always operate the device safely and responsibly. Distracted driving can lead to accidents.
- Do not attempt to disassemble or modify the unit. This may cause damage and void the warranty.
- Ensure all wiring connections are secure and properly insulated to prevent short circuits and electrical hazards.
- Consult a professional for installation if you are unsure about any steps.
- Keep the unit away from water, moisture, and extreme temperatures.

3. Package Contents

Verify that all items listed below are included in your package:

- 5.1 inch Car MP5 Host (Main Unit) x 1
- Remote Control x 1
- Voice Steering Wheel Remote Control x 1
- User Manual x 1
- Power Cord x 2
- Collar Microphone x 1
- 4LED Camera x 1
- USB Driving Recorder (DVR) x 1



Image 3.1: Main unit and all included accessories, including the remote controls, wiring harnesses, microphone, rear camera, and USB DVR.

4. Product Overview

The Polarlander 5188C features a 5.1-inch IPS touchscreen display and a standard single-DIN chassis. Below are the key components and their functions.



Image 4.1: Front panel of the car stereo, showing the 5.1-inch display, control knob, USB ports, and various function buttons.

Front Panel Features:

- **5.1-inch IPS Touchscreen:** High-definition capacitive display for sensitive operation and wide viewing angles.
- **Control Knob:** For volume adjustment and menu navigation.
- **USB Ports (Front):** Two USB ports for media playback and device charging.
- **SD Card Slot:** For media playback from SD cards.
- **AUX Input:** 3.5mm jack for external audio devices.
- **Microphone:** Built-in for hands-free calling.
- **Function Buttons:** Dedicated buttons for Home, Menu, Voice Control, and other features.



Image 4.2: Rear panel of the car stereo, showing the various input/output ports and the main wiring harness connectors.

Rear Panel Features:

- **Power/Speaker Harness Connector:** Main connector for power supply and speaker outputs.
- **Antenna Input:** For FM/AM radio antenna.
- **Rear Camera Input:** RCA input for connecting a rearview camera.

- **Video Output:** For connecting to external monitors.
- **Audio Output (RCA):** For connecting to external amplifiers.
- **USB Ports (Rear):** Additional USB ports for DVR connection or media.

5. Setup and Installation

Proper installation is crucial for the performance and safety of your car stereo. If you are not confident with car electronics installation, please seek professional assistance.

5.1 Wiring Diagram

Refer to the provided wiring harnesses. Each wire is color-coded and labeled for specific functions. Connect the power wires (constant 12V, accessory 12V, ground) and speaker wires according to your vehicle's wiring diagram. Ensure proper polarity for speakers.

5.2 Physical Installation

1. Remove your existing car stereo from the dashboard.
2. Connect the wiring harnesses from the Polarlander 5188C to your vehicle's wiring.
3. Connect the radio antenna, rear camera, and any other external devices.
4. Slide the new stereo into the dashboard opening and secure it using the mounting brackets.
5. Reassemble the dashboard trim.

5.3 Rear Camera Connection

Connect the yellow RCA video cable from the rear camera to the 'CAM IN' port on the back of the stereo. Connect the camera's power wire to your vehicle's reverse light circuit (12V) and ground. The stereo will automatically display the rear camera feed when the vehicle is in reverse.

5.4 USB DVR Connection

Connect the USB Driving Recorder (DVR) to one of the rear USB ports. The stereo's interface will allow you to access and control the DVR functions, including recording and playback.

6. Operating Instructions

6.1 Power On/Off

The unit will power on automatically when the vehicle's ignition is turned on. To manually power off/on, press and hold the power button on the front panel.

6.2 Screen Operation

5.1 inch full touch capacitive IPS screen

HD capacitive screen, touch display area, touch key area, sensitive operation



The advantage of IPS is that the viewing angle is large, and the color reproduction degree is higher than the general screen.

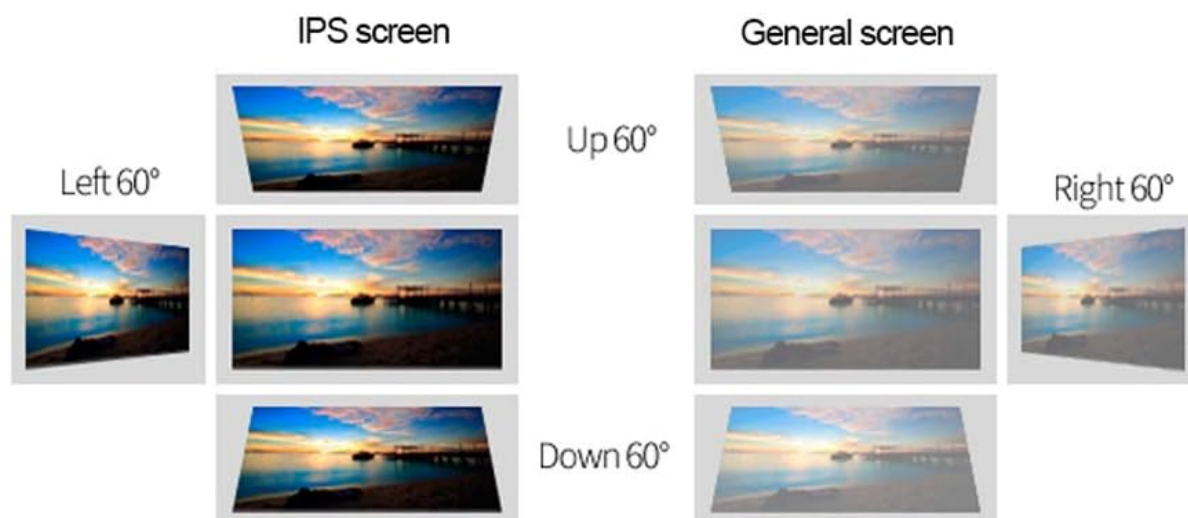


Image 6.1: The 5.1-inch IPS capacitive screen offers sensitive touch operation and superior viewing angles compared to general screens. The 5.1-inch IPS capacitive touchscreen allows for intuitive control. Tap icons to select functions, swipe to navigate menus, and use pinch-to-zoom gestures where applicable. The IPS technology ensures clear visibility from various viewing angles.

6.3 Radio (FM/AM/RDS)

Full frequency FM/AM/RDS radio

High-quality digital stereo FM radio, can automatically search for radio stations, semi-automatic search for radio stations and fine-tune radio stations, automatic storage of radio stations, radio presets.



Image 6.2: The radio interface displaying FM frequency and RDS information.

From the main menu, select the 'Radio' icon. You can manually tune frequencies, use automatic search to find stations, or select from preset stations. The RDS (Radio Data System) feature provides additional information like station name, traffic announcements, and program type where available.

6.4 Bluetooth Connectivity

4.2 Built-in Bluetooth chip

Bluetooth 4.2 version supports voice function, no delay in call, high-fidelity sound quality, supports phone book synchronization to play mobile phone audio, and supports Bluetooth microphone after



Image 6.3: Bluetooth interface indicating connection status and options for hands-free calls and music streaming.

1. Enable Bluetooth on your mobile device.
2. On the car stereo, select the 'Bluetooth' icon from the main menu.
3. Search for available devices on your phone and select 'Polarlander 5188C' (or similar name).
4. Confirm the pairing code if prompted.
5. Once connected, you can make/receive hands-free calls and stream audio from your phone.

6.5 USB/SD Playback

4-USB

Four USB configurations, front USB supports reading U disk, fast charging, rear dual USB supports USB recorder, etc.



Image 6.4: Illustration of the multiple USB ports (front and rear) for various functions including media playback and device charging. Insert a USB flash drive or SD card into the respective slot. The unit will automatically detect the media and display its contents. You can browse and play audio, video, or image files. The USB ports also support fast charging for mobile devices.

6.6 AUX Input

Connect an external audio device (e.g., MP3 player, smartphone) to the front AUX input using a 3.5mm audio cable. Select 'AUX' from the main menu to play audio from the connected device.

6.7 Mirror Link (iOS/Android)

MirrorLink

IOS/Android two-way interconnection

It can support version 13.3 of the IOS system and version 10.1 of the Android system. It not only supports the two-way interconnection and mutual control of the Android system mobile phone and the vehicle, but also supports the two-way interconnection and mutual control of the IOS system.



Image 6.5: The MirrorLink feature demonstrating two-way interconnection with both iOS and Android devices.

The Mirror Link function allows you to display and control your smartphone's screen on the car stereo. Connect your iOS (version 13.3 or earlier) or Android (version 10.1 or earlier) phone via USB. Follow the on-screen prompts to establish the connection. This enables two-way control for navigation, music, and other apps.

6.8 AI Voice Control

Intelligent AI voice voice control vehicle system

Car MP5 voice assistant, after the Bluetooth connection, press the machine voice button to call the mobile phone voice assistant function, which can realize voice calls, make calls, open music, open maps and APP functions of various mobile phones,

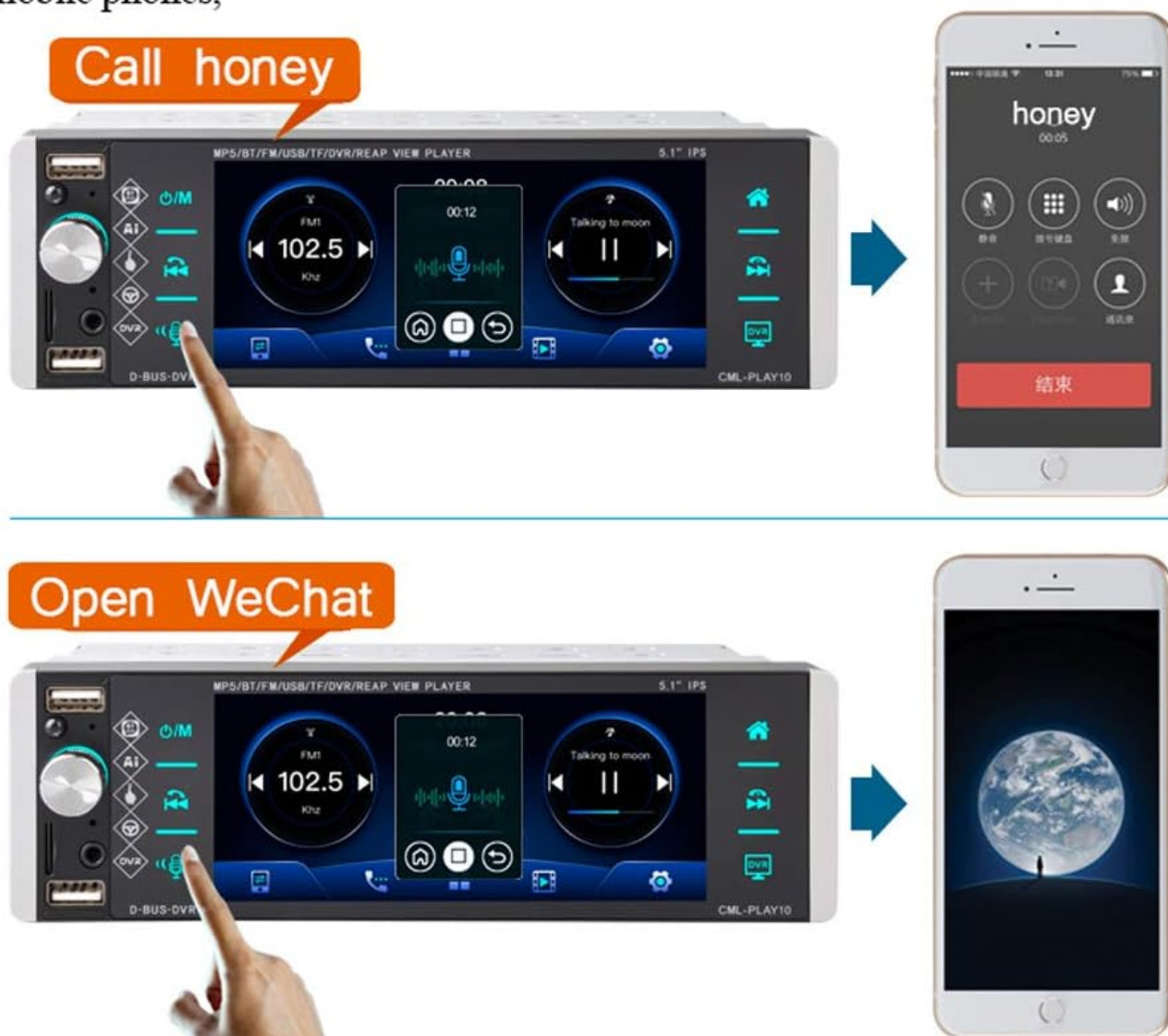


Image 6.6: Examples of AI voice commands for making calls and opening applications.

After connecting your mobile phone via Bluetooth, press the dedicated voice button on the stereo or steering wheel control. You can then use voice commands to make calls, send messages, open navigation apps, and control other phone functions, enhancing safety by minimizing manual interaction.

6.9 Steering Wheel Control

The included voice steering wheel remote control allows you to operate key functions of the stereo without taking your hands off the steering wheel. This includes volume adjustment, track skipping, mode selection, and activating voice control. Ensure the steering wheel control unit is properly paired or wired according to installation instructions.

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the screen and front panel. For stubborn smudges, slightly dampen the cloth with water. Avoid harsh chemicals or abrasive materials.
- **Temperature:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or high humidity.

- **Software Updates:** Check the manufacturer's website periodically for any available firmware updates to ensure optimal performance and access to new features.

8. Troubleshooting

Problem	Possible Cause	Solution
No power	Incorrect wiring; Blown fuse	Check power connections (ACC, B+, GND). Inspect and replace fuse if necessary.
No sound	Speaker wires disconnected; Volume too low; Mute activated	Check speaker wiring. Increase volume. Deactivate mute function.
Bluetooth not connecting	Bluetooth not enabled on phone; Incorrect pairing process	Ensure phone Bluetooth is on and discoverable. Re-attempt pairing process.
Rear camera not displaying	Camera not powered; Video cable loose; Reverse trigger wire not connected	Check camera power and ground. Secure video cable. Ensure reverse trigger wire is connected to vehicle's reverse light.
Mirror Link not working	Incompatible phone OS version; USB cable issue; App not installed	Verify phone OS version compatibility (iOS <=13.3, Android <=10.1). Try a different USB cable. Ensure necessary apps are installed on phone.

9. Specifications

Product Size



Image 9.1: Physical dimensions of the Polarlander Car Stereo MP5 Player.

Feature	Specification
Model	5188C
Screen Size	5.1 inches
Screen Type	IPS Capacitive Touchscreen
Bluetooth Version	4.2
Radio Tuner	FM/AM with RDS
USB Ports	4 (Front & Rear, including charging)
AUX Input	Yes (Front)
SD Card Support	Yes
Mirror Link	Android (up to 10.1), iOS (up to 13.3)

Feature	Specification
Voice Control	AI Voice Assistant via connected phone
Rear View Support	Yes
System	Wince
Output Wattage	50 Watts (per channel, 4 channels)
Product Dimensions	188mm (W) x 116mm (D) x 58mm (H)

10. Warranty and Support

For warranty information and technical support, please refer to the documentation provided at the time of purchase or contact Polarlander customer service through their official channels. Keep your purchase receipt as proof of purchase for warranty claims.

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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.

Name

Anonymous

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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.

Submit question

Answered questions about this manual

I purchased the Polarlander 5188C car stereo and discovered that the accessories were incomplete, missing items such as the dash cam, rear camera, and audio microphone. Additionally, the 'Hi-Link' app required for connectivity does not work and will not accept updates. What should I do?

According to the Polarlander 5188C manual, the following items should be included in your package:5.1 inch Car MP5 Host (Main Unit) x 1Remote Control x 1Voice Steering Wheel Remote Control x 1User Manual x...

[Read full answer](#)