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OiLiehu A3689A4MI2

OiLiehu Android 13 1-Din Car Radio User Manual

Model: A3689A4MI2 | Brand: OiLiehu

1. Introduction

This manual provides detailed instructions for the installation, setup, and operation of your OiLiehu Android 13 1-Din Car Radio. Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.

Safety Information

- Do not operate the device in a way that distracts you from driving.
- Ensure all wiring is correctly connected to prevent damage or fire.
- Consult a professional for installation if you are unsure about any steps.
- Avoid exposing the unit to extreme temperatures, direct sunlight, or moisture.

2. Package Contents

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

- 1 x Android Autoradio 1 Din
- 1 x Power Cable
- 1 x RCA Cable
- 1 x USB Cable
- 1 x Remote Control
- 1 x GPS Antenna
- 1 x Rear Camera Input Cable
- 1 x Accessories (Mounting Brackets)
- 1 x User Manual
- 1 x Microphone
- 1 x Reversing Camera



Figure 2.1: Package contents and product dimensions. This image displays the main unit with its 7-inch screen, along with all the cables and accessories provided, including the power cable, RCA cable, USB cable, GPS antenna, remote control, user manual, AHD rear camera, microphone, and mounting brackets.

3. Installation Guide

Proper installation is crucial for optimal performance. If you are not confident with car audio wiring, please seek professional assistance.

Wiring Connections

- **Power Cable:** Connect the yellow wire to the constant 12V power supply, the red wire to the accessory (ACC) 12V supply, and the black wire to ground.
- **RCA Cables:** Connect for audio output to external amplifiers or subwoofers.
- **USB Cables:** Connect for media playback, phone charging, or wired CarPlay/Android Auto.
- **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky for optimal signal reception.

- **Rear Camera Input Cable:** Connect the reversing camera to this input. Ensure the reverse trigger wire is connected to the vehicle's reverse light circuit.
- **Microphone:** Connect the external microphone for clearer hands-free calls.
- **Steering Wheel Control (SWC):** Connect the SWC wires to your vehicle's steering wheel control interface, if applicable. Refer to your vehicle's wiring diagram.

Mounting the Unit

1. Insert the mounting sleeve into the dashboard opening.
2. Secure the sleeve using the provided mounting brackets.
3. Slide the car radio unit into the mounted sleeve until it clicks into place.

4. Initial Setup

First Power On

After installation, turn on your vehicle's ignition. The car radio should power on automatically. Follow any on-screen prompts for initial language and time settings.

Wi-Fi and Hotspot Connection

To access online features like GPS navigation and streaming apps, connect the unit to a Wi-Fi network or your phone's mobile hotspot:

1. Go to **Settings** on the unit.
2. Select **Network & Internet**.
3. Turn on Wi-Fi and select your desired network. Enter the password if prompted.



Figure 4.1: GPS Navigation and Wi-Fi Functionality. The image illustrates the car radio's screen displaying a navigation route and icons for Wi-Fi and various online applications, highlighting its connectivity features.

5. Operating Instructions

5.1 Motorized Retractable Screen

The 7-inch screen can be retracted or extended automatically. Use the dedicated button on the unit to control the screen's movement. This allows for a compact form factor when the screen is not needed.



Figure 5.1: Motorized Retractable Screen. This image demonstrates the automatic extension and retraction of the 7-inch display, showing the mechanical process and the button used for control.

5.2 Wireless Apple CarPlay & Android Auto

Connect your smartphone wirelessly for seamless integration of navigation, music, messages, and voice control.

1. Ensure Bluetooth and Wi-Fi are enabled on your phone and the car radio.
2. On the car radio, select the CarPlay or Android Auto application.
3. Follow the on-screen instructions to pair your phone. For Apple CarPlay, select your car radio from your iPhone's Bluetooth settings. For Android Auto, ensure the app is installed on your Android phone.
4. Once connected, you can use voice commands (Siri or Google Assistant) to control apps.



Figure 5.2: Wireless Apple CarPlay and Android Auto. This image displays the user interfaces for both Apple CarPlay and Android Auto on the car radio screen, along with icons indicating wireless and wired connectivity options for iOS and Android devices.

5.3 GPS Navigation

The unit supports online and offline navigation. Use pre-installed apps like "Here WeGo" or download other navigation apps from the app store when connected to Wi-Fi.

5.4 Mirror Link

Mirror your smartphone's screen onto the car radio display via Wi-Fi or USB cable. This allows you to view your phone's content directly on the larger screen.

- For iOS and Android phones, connect via Wi-Fi or USB.
- Android phones may require enabling developer options and specific permissions for Mirror Link to function correctly.

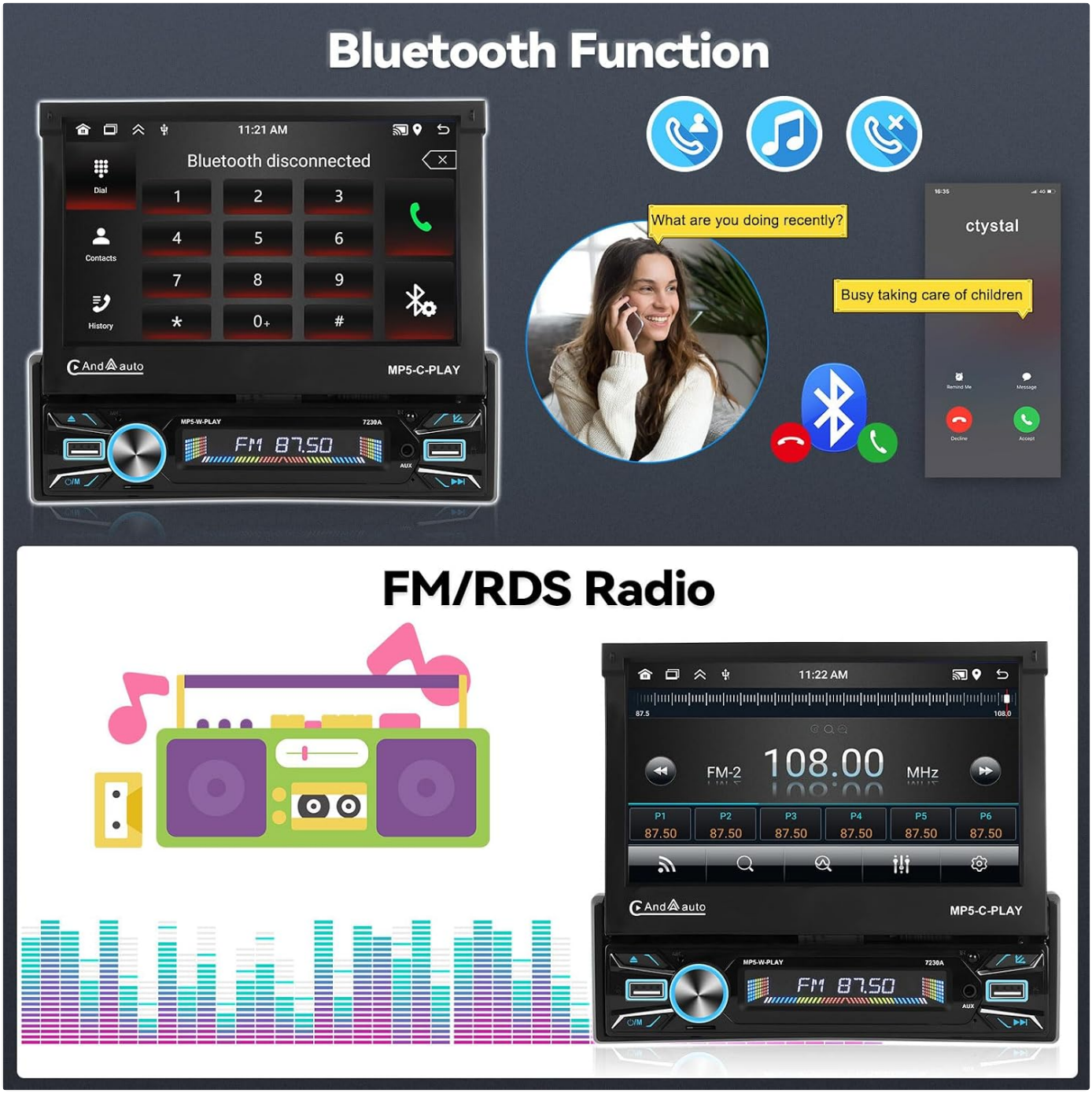


Figure 5.3: Mirror Link Function. This image shows the car radio screen mirroring a smartphone's display, with an illustration of a hand holding a phone, emphasizing the wired/wireless connection capability for iOS and Android devices.

5.5 Bluetooth Function

Connect your phone via Bluetooth for hands-free calling and audio streaming.

1. Enable Bluetooth on your phone and the car radio.
2. Search for the car radio in your phone's Bluetooth settings and pair.
3. Once paired, you can make/receive calls, access your phonebook, and play music wirelessly.



Figure 5.4: Bluetooth Functionality. This image displays the car radio's Bluetooth interface, including a dial pad and call management options, along with graphics representing hands-free calling and music streaming.

5.6 FM/RDS Radio

Access FM radio stations with RDS (Radio Data System) for station information.

- Use the radio application to scan for available stations (87.5-108 FM).
- Save your favorite stations as presets for quick access.
- RDS provides information such as station name and program type.



Figure 5.5: FM/RDS Radio Interface. This image shows the car radio's FM radio screen, displaying the frequency, preset options, and an equalizer, accompanied by a graphic of a classic boombox.

5.7 EQ Setting

Customize your audio experience with the built-in 12-segment equalizer. Adjust sound effects and sound field settings to match your preferences.



Figure 5.6: EQ Setting Interface. This image illustrates the car radio's equalizer settings screen, featuring adjustable frequency bands and sound field controls for personalized audio output.

5.8 Steering Wheel Control (SWC)

Program your vehicle's existing steering wheel buttons to control the car radio for convenience and safety.

1. Go to **Settings** and find the **Steering Wheel Control** option.
2. Follow the on-screen instructions to assign functions (e.g., volume up/down, track skip, mode) to your steering wheel buttons.



Figure 5.7: Steering Wheel Control Setup. This image shows the car radio's interface for programming steering wheel controls, allowing users to assign functions like volume, track, and mode to their vehicle's existing buttons.

5.9 Backup Camera Input

The unit supports an AHD waterproof reversing camera with night vision and a wide-angle view. When reverse gear is engaged, the screen automatically displays the camera feed.



Figure 5.8: Backup Camera Input. This image displays the car radio screen showing the view from a reversing camera with parking lines, highlighting features like AHD, waterproof design, night vision, and wide-angle capability.

5.10 Split Screen

The integrated split-screen function allows you to run and view two applications simultaneously, such as navigation and music playback.



Figure 5.9: Split Screen Function. This image illustrates the car radio's split-screen feature, showing two applications (e.g., Bluetooth dialer and FM radio) running concurrently on the display.

6. Care and Maintenance

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the screen. Do not use abrasive cleaners or solvents.
- **General Cleaning:** Wipe the unit's exterior with a soft, damp cloth.
- **Avoid Liquids:** Prevent liquids from entering the unit, as this can cause damage.
- **Temperature:** Do not expose the unit to extreme heat or cold.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect power wiring; blown fuse.	Check power cable connections (yellow, red, black). Verify vehicle's fuse and unit's fuse.
No sound.	Volume too low; speaker wires disconnected; incorrect audio settings.	Increase volume. Check speaker wiring. Adjust EQ settings or ensure correct audio output.
Bluetooth not connecting.	Bluetooth not enabled; phone not in pairing mode; interference.	Ensure Bluetooth is on for both devices. Restart phone and car radio. Try pairing again.
GPS signal weak or lost.	GPS antenna improperly placed or disconnected.	Ensure GPS antenna has a clear view of the sky and is securely connected.
Backup camera not displaying.	Camera not connected; reverse trigger wire not connected; camera faulty.	Check camera connections and reverse trigger wire. Test camera if possible.

If problems persist, please contact customer support.

8. Technical Specifications

Feature	Specification
Brand	OiLiehu
Model Number	A3689A4MI2
Operating System	Android 13
RAM + ROM	2GB RAM + 64GB ROM
Screen Size	7 inches
Screen Type	Automatically Retractable Touch Screen
Connectivity Technology	Auxiliary, Bluetooth, USB, Wi-Fi
Special Features	Apple CarPlay, Android Auto, Mirror Link, Built-in Bluetooth, FM/RDS Radio, Steering Wheel Controls, EQ, WiFi/Hotspot, GPS Navigation, Split Screen
Compatible Devices	Smartphone
Audio Output Mode	Stereo
Surround Sound Channel Configuration	4.0

Feature	Specification
Output Power	45 Watts (per channel, total 180 Watts)
Control Method	Application, Touch, Remote Control
Video Encoding	MKV
Color	Black
UPC	769256240805

9. Warranty and Support

Warranty Information

This product comes with a two-year warranty from the date of purchase. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, installation queries, or operational issues, OiLiehu provides 16-hour online customer service, 7 days a week (excluding weekends). You can reach our support team via email:

TechsupportUK19UP@126.com

We are committed to providing high-quality products and support. If you have any questions, do not hesitate to contact us.

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