

Manuals.plus /

› podofu /

› podofu Android Double Din Car Stereo (Model A3037A4MI2-AM1US) Instruction Manual

podofu A3037A4MI2-AM1US

podofu Android Double Din Car Stereo

Model: A3037A4MI2-AM1US - Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your podofu Android Double Din Car Stereo. Please read this manual thoroughly before using the product to ensure proper function and to prevent damage. This device integrates advanced features such as Wireless CarPlay/Android Auto, GPS navigation, WiFi connectivity, Bluetooth, and a 7-inch HD touchscreen, designed to enhance your in-car entertainment and navigation experience.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** Due to the complexity of car electrical systems, professional installation is highly recommended to avoid damage to the unit or your vehicle.
- **Driving Safety:** Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- **Power Supply:** Ensure the unit is connected to a 12V DC power supply with negative grounding. Incorrect voltage can cause damage.
- **Temperature:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or high humidity.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.

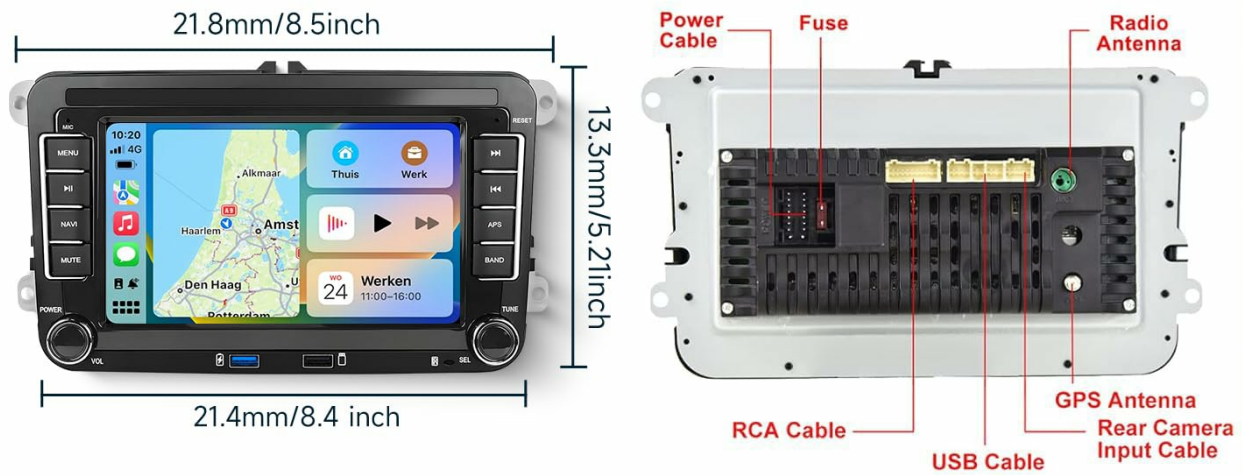
3. PACKAGE CONTENTS

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

- 1x Android Car Radio
- 1x Rearview Camera
- 1x Extra Microphone
- 1x 40pin Wiring harness + 1x 36pin Wiring harness
- 2 x USB Cables
- 1x GPS Antenna

- 1x CANBUS Decoder
- 1x Radio Antenna
- 1x RCA Cable Set
- 1x User Manual (this document)

Product Packing List



GPS Antenna



Power cord



MIC



RCA Cable



Canbus



USB



Camera Input



Radio antenna



User Manual



AHD Camera

Figure 3.1: Product Packing List. This image displays all the accessories and main unit included in the package, such as the head unit, various cables, antennas, and the rearview camera.

4. SETUP AND INSTALLATION

4.1 Vehicle Compatibility

This car stereo is designed for specific Volkswagen, Seat, and Skoda models. Please ensure your vehicle is compatible before installation. If you are unsure, consult a professional installer or the manufacturer.

Applicable Car Models

Not suitable for all years, depending on the shape of your old car stereo, if not sure, please consult Customer Service

For VW

For PASSAT B6 /B7/ CC /NMS/ TSI /V6 /Variant
For GOLF V/VI /BLUE MOTION /CROSS /VARIANT
For MAGOTAN VARIANT/MAGOTAN V6
For JETTA/SAGITAR/JATTA
For AMAROK
For BEETLE
For BORA
For CADDY
For EOS
For MULTZVAN
For POLO
For R36 VARIANT
For SCIROCCO
For SHARAN
For SPORTLINE
For TIGUAN / TIGUAN GP
For TOURAN

For Seat

For Altea ab 05/2004
For Toledo ab 12/2004
For Leon ab 09/2005
For Altea XL ab 04/2007 Alhambra ab 2010

For Skoda

For Fabia Limousine ab 02/2007 bis 2012
For Fabia Combi ab 04/2007 bis 2012
For Praktik ab 04/2007 bis 2012
For Roomster ab 04/2006 bis 2012
For Octavia Combi 06/2004 bis Facelift
For Octavia Limousine ab 06/2004 bis Facelift
For Octavia II 2& III3
For Yeti ab 2009 bis 2012
For Superb/3 T ab 2008 bis 2012



Figure 4.1: Applicable Car Models and Installation Comparison. This image lists compatible car models for VW, Seat, and Skoda, and illustrates the appearance of a car dashboard before and after the stereo installation.

4.2 Wiring and Connections

The unit comes with a Plug and Play wiring harness for simplified installation. Connect the main power harness to your vehicle's wiring. Ensure all connections are secure to prevent intermittent issues.

- **Power Cables:** Connect the 40-pin and 36-pin wiring harnesses to the corresponding ports on the head unit and vehicle.
- **CANBUS:** Connect the CANBUS decoder to enable steering wheel controls and other vehicle-specific functions.
- **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield.
- **Radio Antenna:** Connect the radio antenna for FM/RDS reception.
- **Rearview Camera:** Connect the rearview camera input cable. Ensure the camera is properly powered and grounded.
- **USB Cables:** Route the USB cables to an accessible location for connecting external devices.
- **External Microphone:** Connect the external microphone for improved call quality.

4.3 Initial Power-On and Basic Settings

After installation, turn on your vehicle's ignition to power the stereo.

1. **Language Selection:** Follow the on-screen prompts to select your preferred language.
2. **Time and Date:** Set the correct time and date. This can often be synchronized automatically via GPS or network connection.
3. **WiFi Connection:** Navigate to the settings menu, select 'Network & Internet', and connect to an available WiFi network or your phone's hotspot to enable online features and app downloads.
4. **GPS Setup:** The unit comes with built-in offline maps. For online maps and real-time traffic, ensure a stable internet connection.

Wifi/Hotspot Connection

Connect WIFI, you can go online and download the software you want to use



GPS Navigation

Support online or offline maps, never worry about getting lost again



Figure 4.2: WiFi/Hotspot Connection and GPS Navigation. This image illustrates how to connect to WiFi or a hotspot and shows the GPS navigation interface with map data.

5. OPERATING INSTRUCTIONS

5.1 Wireless CarPlay / Android Auto

This unit supports both wireless CarPlay and Android Auto, allowing seamless integration with your smartphone for navigation, communication, and entertainment.

1. **Enable Bluetooth and WiFi:** On your smartphone, ensure Bluetooth and WiFi are enabled.
2. **Pair Device:** On the car stereo, go to the CarPlay/Android Auto application. Follow the on-screen instructions to pair your phone via Bluetooth.
3. **Confirm Connection:** Once paired, the system will prompt you to enable CarPlay or Android Auto. Confirm the connection on both your phone and the stereo.
4. **Voice Control:** Use voice commands (e.g., "Hey Siri" or "OK Google") for hands-free operation.

WIRELESS/WIRED APPLE CARPLAY

Radio Supports wireless/wired apple carplay and Android Auto, No need to purchase additional Carplay/Android Auto Adapter.



Figure 5.1: Wireless/Wired Apple CarPlay Interface. This image shows the stereo's display when using Apple CarPlay, featuring various phone applications and examples of voice commands.

5.2 GPS Navigation

The unit features built-in offline maps and supports online navigation applications.

- **Offline Maps:** Access pre-installed maps without an internet connection. Data download may be required initially.
- **Online Maps:** Connect to WiFi/hotspot to use real-time navigation apps from the Play Store.

- **Route Planning:** Enter your destination to receive turn-by-turn directions and estimated arrival times.

5.3 Bluetooth Hands-free Calling and Music

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

1. **Pairing:** Go to the Bluetooth menu on the stereo and search for your phone. Pair the devices using the provided PIN (usually 0000 or 1234).
2. **Calling:** Access your phone's contacts or dial numbers directly from the stereo screen. Use the external microphone for clear communication.
3. **Music Streaming:** Play audio from your phone through the car's speakers.

FM/RDS Radio

Online music you can transfer the music to the car stereo by FM to enjoy the original car stereo sound, with 18 preset stations



Range

87.5MHz-
107.5MHz



Bluetooth Handfree 4.2

Free your hands and ensure your driving safety



Figure 5.2: FM/RDS Radio and Bluetooth Handsfree. This image displays the FM radio tuning interface and the Bluetooth calling screen, highlighting hands-free communication.

5.4 FM/RDS Radio

Tune into your favorite radio stations with FM and RDS (Radio Data System) support.

- **Frequency Range:** 87.5MHz - 107.5MHz.

- **Auto Scan:** Use the auto scan function to find and save available stations.
- **RDS:** Displays station information such as song title or program type where available.

5.5 Steering Wheel Controls (SWC)

If your vehicle supports it and the CANBUS is correctly installed, you can configure your steering wheel buttons to control the stereo.

1. **Access SWC Settings:** Go to the system settings and locate the 'Steering Wheel Control' or 'Steering Learn' option.
2. **Program Buttons:** Follow the on-screen instructions to assign functions (e.g., volume up/down, track skip, mode) to your steering wheel buttons.

Steering Wheel Controls

Support steering wheel control, easily switch songs, radio channels and Adjust the volume to provide you with a safer and more enjoyable journey.



Hi-Fi Sound Effects

Support HIFI sound, high fidelity, reproduced sound highly similar to your original sound



Figure 5.3: Steering Wheel Controls and Hi-Fi Sound Effects. This image illustrates the menu for configuring steering wheel controls and the graphic equalizer interface for adjusting audio settings.

5.6 Hi-Fi Audio and EQ Settings

The unit features Hi-Fi technology and a 16-band EQ for customized audio output.

- **Equalizer:** Adjust the 16-band graphic equalizer to fine-tune the audio to your preference.

- **Sound Presets:** Select from various pre-defined sound modes (e.g., Pop, Rock, Jazz) or create custom settings.

5.7 Rear View Camera

When properly connected, the rearview camera automatically displays the rear view on the screen when the vehicle is shifted into reverse gear.

5.8 Other Functions

- **USB Playback:** Connect USB drives to play audio (APE/FLAC/WAV/MP3/WMA) and video (MKV/RMVB/AVI/MP4/MDV) files.
- **Split Screen:** Use two applications simultaneously on the screen.
- **Custom UI:** Personalize the user interface.

6. MAINTENANCE

- **Screen Cleaning:** Gently wipe the touchscreen with a soft, lint-free cloth. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner.
- **Software Updates:** Periodically check for software updates via the system settings or manufacturer's website to ensure optimal performance and access to new features.
- **Environmental Care:** Protect the unit from direct sunlight and extreme temperatures when parked for extended periods.

7. TROUBLESHOOTING

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

- **Unit Does Not Power On:**
 - Check all power connections and fuses.
 - Ensure the vehicle's ignition is on.
- **No Sound:**
 - Check volume levels and mute settings.
 - Verify speaker wiring connections.
- **Bluetooth Connection Issues:**
 - Ensure Bluetooth is enabled on both the stereo and your phone.
 - Delete previous pairings and attempt to re-pair.
 - Restart both devices.
- **GPS Signal Loss:**
 - Ensure the GPS antenna has a clear view of the sky.
 - Check antenna connection.
- **Rearview Camera Not Displaying:**
 - Verify camera power and video input connections.
 - Ensure the vehicle is in reverse gear.
- **Unit Stays On After Car Is Off:**
 - This indicates an incorrect wiring connection, specifically related to the constant power and accessory power lines. Consult a professional installer to verify the wiring, especially the small black plugs mentioned in some user feedback.

- **Factory Reset:** If issues persist, you can perform a factory reset. Navigate to system settings and look for 'Factory Settings'. The keyword for access is **8888**. *Note: This will erase all user data and settings.*

8. SPECIFICATIONS

| | |
|------------------------------|--|
| System | Android |
| Chipset | 8227L-DEMO |
| Screen Size | 7 Inches |
| Screen Resolution | 1024*600 |
| Memory (RAM+ROM) | 1GB (RAM) + 32GB (ROM) |
| Power Output | 4*45W |
| Radio Band | FM/RDS (87.5MHz-107.5MHz) |
| Connectivity | Wi-Fi, Bluetooth 4.2 |
| GPS | Built-in offline maps (requires internet to download data) |
| CarPlay/Android Auto | Wireless Support |
| Reversing Input | AHD/CVBS |
| USB Interface | Double USB |
| Audio Format Support | APE/FLAC/WAV/MP3/WMA etc. |
| Video Format Support | MKV/RMVB/AVI/MP4/MDV etc. |
| Product Dimensions | 22 x 13 x 5 cm |
| Item Weight | 1.28 kg |
| Operating Temperature | -20°C to 75°C |

9. WARRANTY AND SUPPORT

This product is covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation provided at the time of purchase or contact your retailer.

For any concerns regarding installation, operation, or troubleshooting that are not covered in this manual, please reach out to podof's professional support team. You can typically contact them directly via the platform where you purchased the product (e.g., Amazon).