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Podofo PODN2042A3B4

Podofo Autoradio 2 DIN with 7-inch Screen Instruction Manual

Model: PODN2042A3B4

Introduction

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Podofo Autoradio 2 DIN car stereo system. Please read this manual thoroughly before using the product to ensure proper functionality and safety.
The Podofo Autoradio features a 7-inch touchscreen, Mirror Link functionality for iOS and Android devices, Bluetooth hands-free calling and music streaming, FM radio, USB connectivity, steering wheel control compatibility, and includes a 12-LED rearview camera for enhanced safety.



Image: The Podofo Autoradio 2 DIN unit, showcasing its 7-inch touchscreen interface with common car stereo functions and smartphone app icons.

Package Contents

- 1 x Podofo Autoradio 2 DIN Unit
- 1 x 12-LED Rearview Camera
- 1 x Power Cable
- 1 x Remote Control
- 1 x Steering Wheel Remote Control
- 1 x User Manual
- Installation Accessories (e.g., mounting frame)



Image: Product dimensions and included accessories, including the main unit, power cables, camera, and remote controls.

Setup and Installation

1. Pre-Installation Check

Ensure your vehicle has a standard 2 DIN slot (installation size: 178mm (L) x 65mm (W) x 103mm (H)). Disconnect the vehicle's battery before starting installation.

2. Wiring Connections

- **Power Cable:** Connect the yellow wire to the constant 12V power supply, the red wire to the accessory 12V power supply (ignition switched), and the black wire to ground.
- **Speaker Cables:** Connect the speaker output wires to your vehicle's speakers. Ensure correct polarity.
- **Rearview Camera:** Connect the camera's video output to the "CAMIN" input on the autoradio. Connect the camera's power to the vehicle's reverse light circuit (red wire to +12V, black wire to ground) and the trigger wire (labeled "back" or "reverse") to the reverse light positive.
- **Steering Wheel Control (SWC):** Connect your vehicle's SWC cable to the "Key 1" wire of the autoradio. Refer to the "Steering Wheel Control" section for configuration.
- **AUX-IN/USB:** Connect external devices via the front panel AUX-IN port or USB port.



Image: Detailed wiring connections for the main unit, including power, speakers, and the rearview camera with its trigger wire.

3. Mounting the Unit

Secure the autoradio into the vehicle's dashboard using the provided mounting frame and screws. Reconnect the vehicle's battery.



Image: Visual comparison showing a car dashboard before and after the installation of the Podofo Autoradio 2 DIN unit.

Operating Instructions

1. Basic Operation

- **Power On/Off:** Press the power button on the unit or remote control.
- **Volume Control:** Use the physical knobs on the unit or the remote control.
- **Menu Navigation:** Use the touchscreen to navigate through menus and select functions.
- **Seven Color Backlight:** The unit features 7-color button backlighting. These colors are soft and non-glaring.



Image: Front panel view of the autoradio, highlighting the seven-color backlight buttons, volume knobs, TF card slot, AUX-IN, charging port, and USB port.

2. Mirror Link Function

The Mirror Link feature allows you to display your smartphone screen on the autoradio's display.

- Connect your smartphone to the autoradio via a USB cable.
- On the autoradio, select the "Mirror Link" or "PhoneLink" option.
- For Android phones, two-way control is supported, meaning you can control your phone from the autoradio screen.
- For iOS phones (iPhone), one-way control is supported, allowing you to view your iPhone screen on the autoradio.



Image: Visual guide on how to connect Android and iOS phones using a wired connection for the Mirror Link function.

3. Bluetooth Connectivity

The built-in Bluetooth allows for hands-free calling and wireless music streaming.

- **Pairing:** Go to the Bluetooth menu on the autoradio. Enable Bluetooth on your smartphone and search for "CAR BT". Select it to pair.
- **Hands-Free Calling:** Once paired, you can make and receive calls directly through the autoradio. The unit supports phonebook download.
- **Music Streaming:** Play music from your smartphone wirelessly via Bluetooth.

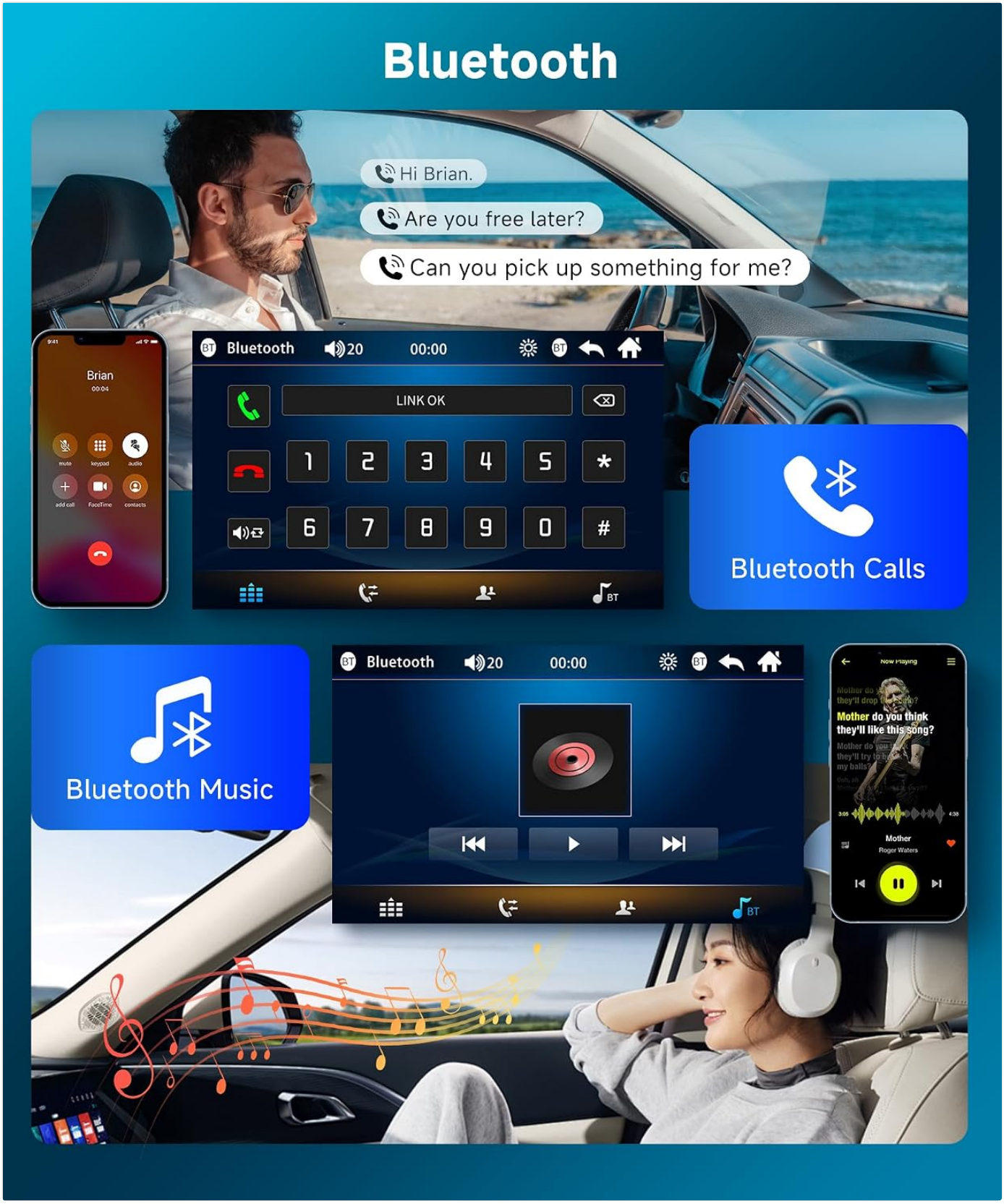


Image: Examples of the Bluetooth interface for making calls and streaming music on the car stereo display.

4. FM Radio

Access your favorite radio stations with the integrated FM tuner.

- **Station Search:** Use the automatic scan function to find and store available FM stations.
- **Presets:** The unit can store up to 18 radio presets.
- **Frequency Range:** 87.5-108 MHz.



Image: Display of the FM radio interface, illustrating frequency tuning and preset options.

5. Steering Wheel Control

Control the autoradio conveniently using your vehicle's steering wheel buttons.

- After connecting the "Key 1" wire during installation, access the "Steering Wheel Control" settings in the autoradio's menu.
- Follow the on-screen instructions to program each button on your steering wheel to the desired function (e.g., volume up/down, track skip, mode change).



Image: The steering wheel control setup screen, showing options to configure buttons for various functions.

6. AUX-IN and USB Playback

The unit supports external audio and video sources via AUX-IN and USB.

- **AUX-IN:** Connect external audio devices (MP3 players, phones) to the 3.5mm AUX-IN jack on the front panel. Select AUX as the source.
- **USB:** Insert a USB drive into the front USB 2.0 port to play supported audio (MP3/WMA/WAV/APE/FLAC) and video (RM/RMVB/AVI/MP4/MKV/3GP) files.
- The USB port also functions as a charging port for mobile devices.

7. Rearview Camera

The included 12-LED rearview camera provides a clear view when reversing.

- When the vehicle is shifted into reverse gear, the autoradio will automatically display the camera feed on the screen.
- The camera features a wide-angle lens, is waterproof, and offers night vision capabilities.



Image: The rearview camera view displayed on the autoradio screen, showing parking guidelines, along with a diagram of the camera's wiring connection.

Maintenance

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. Do not use abrasive cleaners or solvents.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft, dry cloth for cleaning the exterior.
- **Software Updates:** Check the manufacturer's website for any available firmware updates. Follow instructions

carefully if performing an update.

- **Avoid Extreme Temperatures:** Operate the unit within the specified temperature range (-10°C to 60°C).

Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect power wiring; blown fuse; vehicle battery disconnected.	Check power cable connections (yellow, red, black). Inspect vehicle fuses. Ensure battery is connected.
No sound.	Volume too low; incorrect speaker wiring; mute function active.	Increase volume. Check speaker connections and polarity. Deactivate mute.
Poor FM radio reception.	Antenna not connected or damaged; weak signal area.	Ensure antenna is properly connected. Try scanning for stations again.
Bluetooth pairing issues.	Bluetooth not enabled on phone/unit; incorrect pairing procedure.	Ensure Bluetooth is enabled on both devices. Restart pairing process. Check device visibility.
Mirror Link not working.	Incorrect USB connection; phone not compatible; app not installed (Android).	Ensure USB cable is functional and properly connected. Verify phone compatibility (Android two-way, iOS one-way). For Android, ensure CMLPLAY is used.
Rearview camera not displaying.	Camera not powered; trigger wire not connected; incorrect video input.	Check camera power connection to reverse light. Ensure trigger wire is connected. Verify video input to "CAMIN".

Specifications

Feature	Detail
System	WINCE
Chipset	C200S
Screen Size	7 inches
Screen Resolution	800 x 480
Mirror Link	Supports Android phones (two-way control), iOS phones (one-way control)
Radio Band	FM (87.5-108 MHz)
Radio Chip	QN8035
Output Power	4 x 45 W (Rated), 180 Watts (Peak)
Operating Temperature	-10°C to 60°C

Feature	Detail
Bluetooth Name	CAR BT
Amplifier Chip	TDA7388
USB Interface	USB 2.0
Audio Format Support	MP3 / WMA / WAV / APE / FLAC
Video Format Support	RM / RMVB / AVI / MP4 / MKV / 3GP
Supported Languages	English, Spanish, French, Portuguese, German, Italian, Russian, Turkish, Arabic, Hebrew, Polish, Japanese, Chinese
Model Number	PODN2042A3B4
Item Weight	1.07 Kilograms

Warranty and Support

Podofo is committed to providing quality products and customer satisfaction. This product comes with the following support:

- **Customer Service:** Quick replies to inquiries, typically within 18 hours.
- **Return Policy:** 60-day worry-free return period.
- **Replacement:** 24-month replacement available for eligible issues.
- **Technical Support:** Lifetime after-sales consultation and technical support.

For any questions or assistance, please contact Podofo customer support through your purchase platform or the official Podofo website.

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