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PHEZEN RT-QA1870X-WUYA-07

PHEZEN RT-QA1870X-WUYA-07 9-inch Android 13.0 Car Radio User Manual

Model: RT-QA1870X-WUYA-07 | Brand: PHEZEN

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your PHEZEN 9-inch Android 13.0 Car Radio. Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.

2. Safety Information

- **Professional Installation Recommended:** Due to the complexity of car audio systems, professional installation is highly recommended to prevent damage to the vehicle or the product.
- **Power Supply:** Ensure the car radio is connected to a 12V DC power supply with negative grounding.
- **Wiring:** Do not short-circuit any wires. Incorrect wiring can cause damage or fire.
- **Operation While Driving:** Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- **Temperature:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.

3. Package Contents

Verify that all items are present in the package before installation.



Image 3.1: Overview of the PHEZEN car radio and its included accessories, such as power cables, RCA input/output cables, USB cables, camera input, GPS antenna, instruction manual, original car USB cable, and mounting brackets.

- Vehicle Navigation Unit
- Power Cable
- RCA Input/Output Cables
- 2 USB Cables
- Camera Input Cable
- GPS Antenna
- Instruction Manual
- Original Car USB Cable
- Mounting Brackets
- AHD Backup Camera
- Microphone

4. Setup and Installation

This section outlines the general steps for installing your car radio. For specific vehicle wiring, consult a professional or your vehicle's service manual.

4.1 Wiring Diagram

Refer to the following diagram for proper wiring connections. Ensure all connections are secure before powering on the unit.

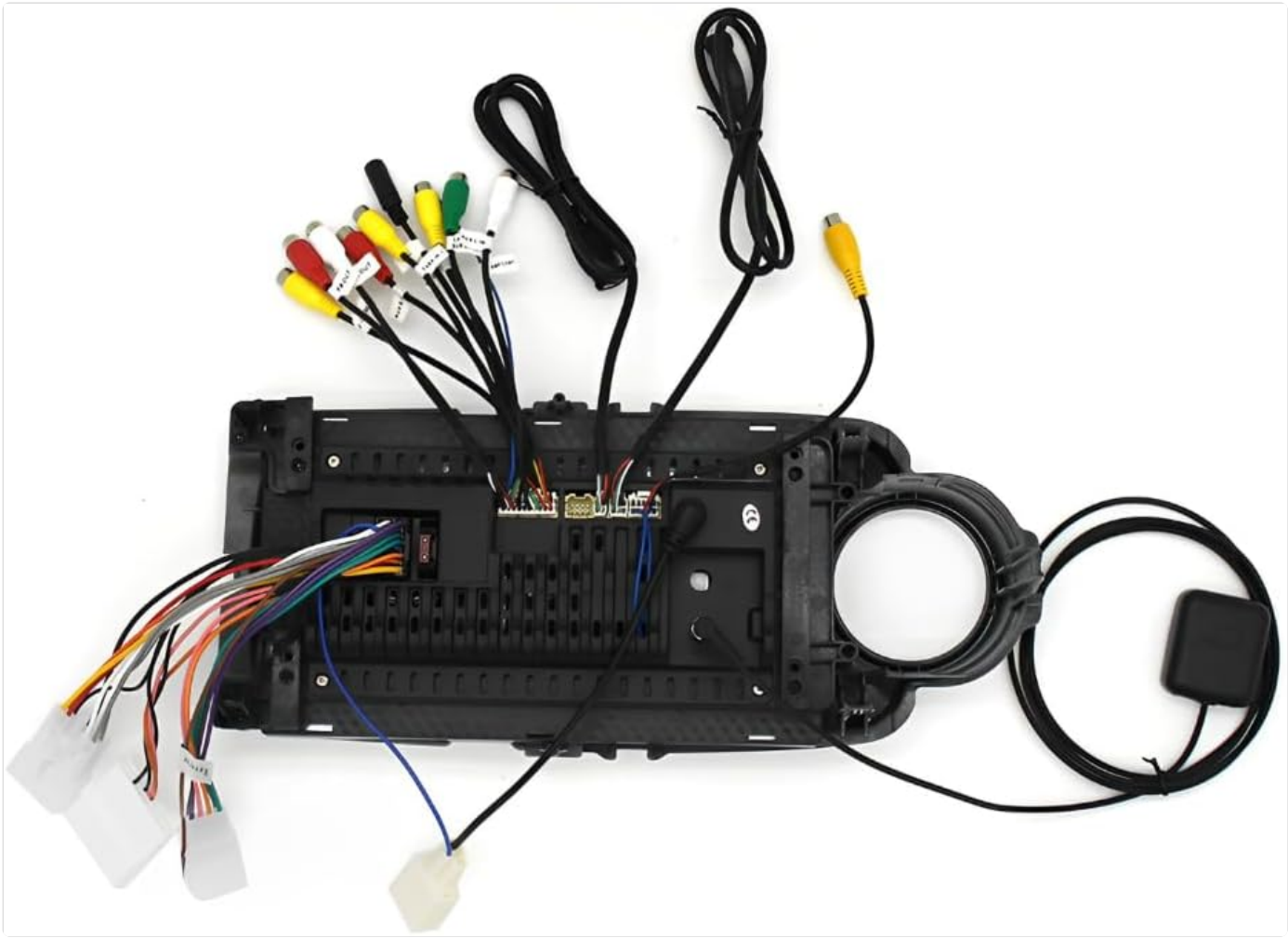


Image 4.1: Rear view of the PHEZEN car radio unit showing various ports and connected cables, including power, RCA, USB, camera, and GPS antenna connections.

- **Power Cable:** Connect to the vehicle's power supply (12V DC, ACC, Ground).
- **RCA Cables:** For audio/video input and output (e.g., external amplifier, headrest monitors).
- **USB Cables:** For connecting USB devices, charging, or data transfer.
- **Camera Input:** Connect the AHD backup camera.
- **GPS Antenna:** Mount in a location with a clear view of the sky for optimal signal reception.
- **Microphone:** Connect for hands-free calling and voice commands.

4.2 Physical Installation

Carefully remove the original car radio. Install the PHEZEN unit into the dashboard opening, ensuring all cables are properly routed and connected. Secure the unit using the provided mounting brackets.



Image 4.2: The PHEZEN 9-inch car radio seamlessly integrated into the dashboard of a Toyota Yaris (2012-2017), displaying the main interface with navigation, music, and radio apps.

5. Operating Instructions

5.1 Power On/Off

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

5.2 Touchscreen Calibration

If the touchscreen response is inaccurate, calibration may be required. Follow the steps in the video below to calibrate the screen.

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Video 5.1: This video demonstrates how to calibrate the car radio screen. It shows pressing the screen with five fingers to enter calibration

mode and then tapping specific icons to test and set the touch points for accurate response.

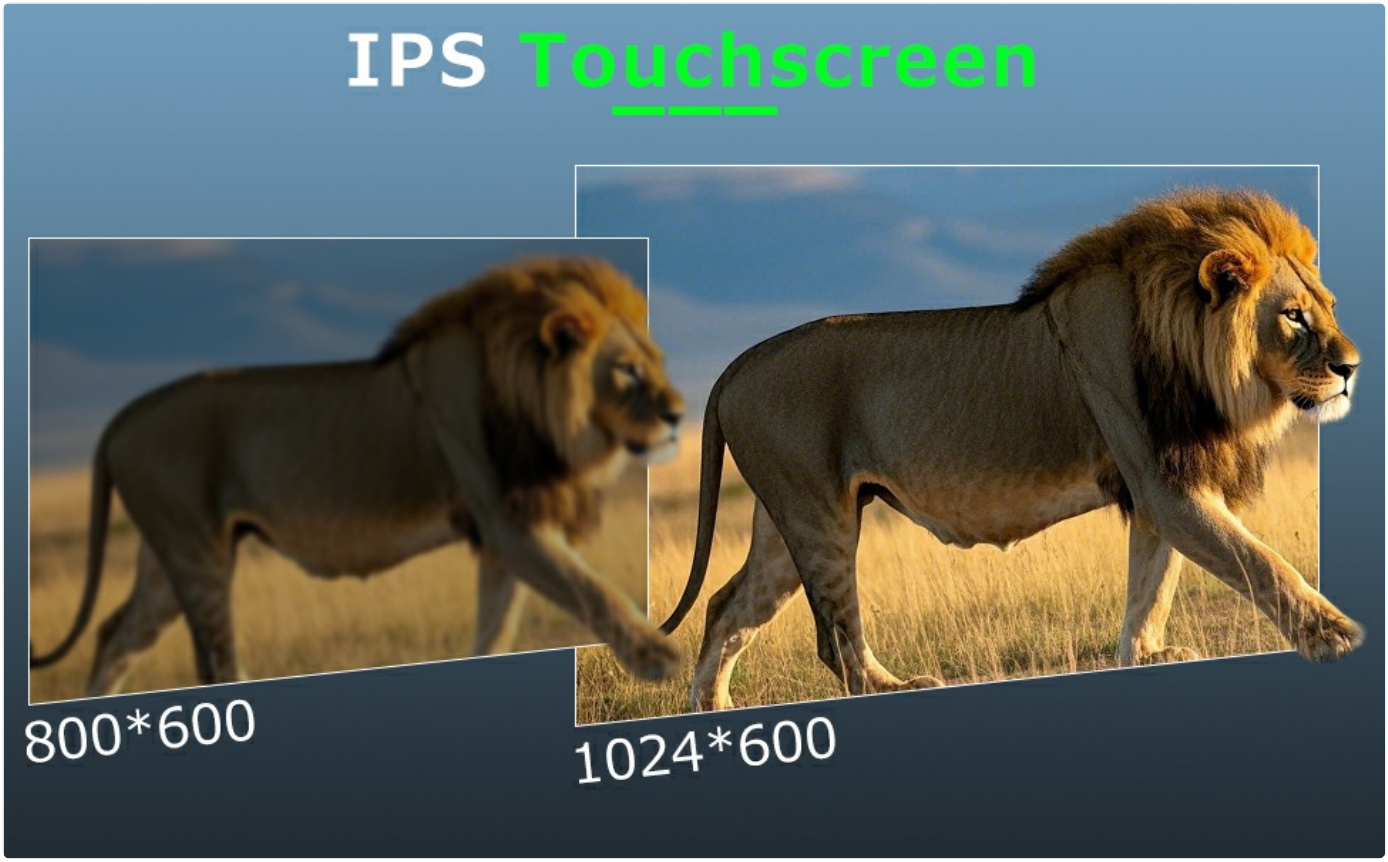


Image 5.1: A close-up of the car radio's IPS touchscreen, highlighting its clarity and responsiveness compared to lower resolution displays.

5.3 Bluetooth Connectivity

Connect your smartphone via Bluetooth for hands-free calling, music streaming, and phonebook synchronization.

1. On the car radio, navigate to the "Bluetooth" app.
2. Enable Bluetooth on your smartphone and search for available devices.
3. Select "CarBT" from the list on your phone.
4. Enter the PIN (default is 0000) if prompted.
5. Once connected, "phone audio" and "media audio" will be displayed. If not, restart Bluetooth on both devices.



Image 5.2: The car radio display showing the Bluetooth interface, FM/RDS radio, and audio equalizer settings. It illustrates hands-free calling and music playback features.



Image 5.3: A collage demonstrating Bluetooth music playback, hands-free calling interface, and FM/RDS radio functionality on the car stereo, showing users interacting with their phones and the car display.

5.4 Wireless CarPlay / Android Auto (ZLINK)

The unit supports wireless CarPlay and Android Auto via the ZLINK application. This allows you to project your phone's interface onto the car radio screen for navigation, music, calls, and other apps.

1. Ensure Bluetooth is connected (as per section 5.3).
2. Open the "ZLINK" app on the car radio.
3. The system will attempt to connect to your phone.
4. If the connection is not successful, manually connect the car radio to your phone's WiFi hotspot.
5. After successful WiFi connection, delete the WiFi history record on the car radio, then reopen the ZLINK app.

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Video 5.2: This video demonstrates the process of connecting the car stereo radio, covering Bluetooth connection, ZLINK connection for CarPlay/Android Auto, and manual WiFi connection if ZLINK fails to connect automatically.



Image 5.4: A visual representation of the CarPlay, Android Auto, and Mirror Link functionalities, showing how a smartphone's interface is mirrored or integrated with the car radio display via USB or Bluetooth.



Image 5.5: The car radio screen displaying various applications accessible through CarPlay, Android Auto, and Mirror Link, including navigation, music, and communication apps, along with a smartphone mirroring its screen.

5.5 GPS Navigation

The unit has a built-in GPS module. You can use pre-installed offline maps or download additional maps. Connect to WiFi for real-time map updates and online navigation.



Image 5.6: The car radio screen showing GPS navigation with a map and route information, alongside a section illustrating WiFi hotspot functionality for streaming and online app access.



Image 5.7: A detailed view of the car radio's GPS navigation interface, displaying a map with a route, current location, and estimated travel time, set against a background of an off-road vehicle.

5.6 FM/RDS Radio

Access high-quality FM radio with 18 preset stations. You can save your favorite stations and receive real-time traffic information, news, and other programs.

5.7 Steering Wheel Control

If your vehicle has original steering wheel buttons, you can configure them to control the car radio for convenient operation. Access the "Steering Learn" option in the settings to map functions.



Image 5.8: This image illustrates the reversing display feature with a waterproof night vision camera and the steering wheel control interface, showing how to map vehicle buttons to radio functions.



Image 5.9: A three-panel image showcasing the car radio's features: a rear view camera display with parking guidelines, the steering wheel control setup screen, and a split-screen mode for simultaneous video/music and navigation.

5.8 Audio Equalizer (EQ)

Adjust various popular sound effects to customize your car audio quality. Access the EQ settings to fine-tune bass, treble, and other audio parameters.

5.9 Reversing Display (AHD Backup Camera)

The waterproof night vision AHD camera automatically displays the reverse image on the screen when the vehicle is in reverse gear, enhancing parking safety.

5.10 Mirror Link

Mirror Link allows you to display your smartphone's screen directly on the car radio, providing access to all your phone's apps and content.

5.11 Split Screen

Utilize the split-screen function to run two applications simultaneously, such as navigation and music playback, for enhanced multitasking.

6. Maintenance

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals.
- **Software Updates:** Periodically check for software updates from the manufacturer to ensure optimal performance and access to new features.
- **Environmental Care:** Protect the unit from extreme temperatures, direct sunlight, and excessive moisture.

7. Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect power wiring; blown fuse; vehicle ignition off.	Check power connections (12V DC, ACC, Ground). Inspect vehicle fuses. Ensure ignition is on.
No sound.	Volume too low; incorrect speaker wiring; mute activated.	Increase volume. Verify speaker connections. Check if mute function is active.
Bluetooth connection issues.	Bluetooth not enabled; incorrect pairing; interference.	Ensure Bluetooth is enabled on both devices. Delete previous pairings and re-pair. Restart both devices.
CarPlay/Android Auto not connecting.	Incorrect ZLINK setup; WiFi hotspot issue.	Follow ZLINK connection steps (Section 5.4). Ensure manual WiFi connection is correctly set up if automatic fails. Delete WiFi history on radio and retry ZLINK.
GPS signal weak or inaccurate.	GPS antenna placement; environmental interference.	Ensure GPS antenna has a clear view of the sky. Avoid placing near metal objects.
Touchscreen unresponsive or inaccurate.	Calibration needed; software glitch.	Perform touchscreen calibration (Section 5.2). Restart the unit.

8. Specifications

Feature	Detail
Product Dimensions	14.17 x 8.27 x 4.72 inches
Item Weight	3.22 pounds (1460 Grams)
Model Number	RT-QA1870X-WUYA-07
Brand	PHEZEN
Connectivity Technology	Bluetooth, WiFi
Special Features	Built-In Bluetooth, CarPlay, Android Auto, Mirror Link, GPS Navigation, AHD Backup Camera Support, WiFi Hotspot, FM/RDS Radio, Steering Wheel Control, Split Screen
Audio Output Mode	Stereo
Color	Black

9. Warranty and Support

For warranty information, please refer to the warranty card included in your product packaging or contact PHEZEN customer support directly. For technical assistance, visit the official PHEZEN website or contact their support team.

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