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Realdio 4+64GB

Realdio 4+64GB Android 15 Car Radio Instruction Manual

Model: 4+64GB | Brand: Realdio

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Realdio 4+64GB Android 15 Car Radio. Please read this manual thoroughly before installation and use to ensure proper function and safety.

1.1. Vehicle Compatibility

This Android car radio is compatible with the following vehicle models:

- **Ford Escape:** 2000, 2001, 2002, 2003, 2004, 2005, 2006
- **Mazda Tribute:** 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007
- **Mercury Mariner:** 2005, 2006, 2007

The unit features a 9-inch touchscreen display.



Figure 1.1: Realdio 4+64GB Android 15 Car Radio main unit.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Realdio Android Stereo Unit (for Ford Escape/Mazda Tribute/Mercury Mariner)
- Power Cable
- RCA Cable
- GPS Antenna
- Backup Camera
- External Microphone
- Rear Camera Input Cable
- Dual USB Cable
- Installation Tool

Port Details & Package List

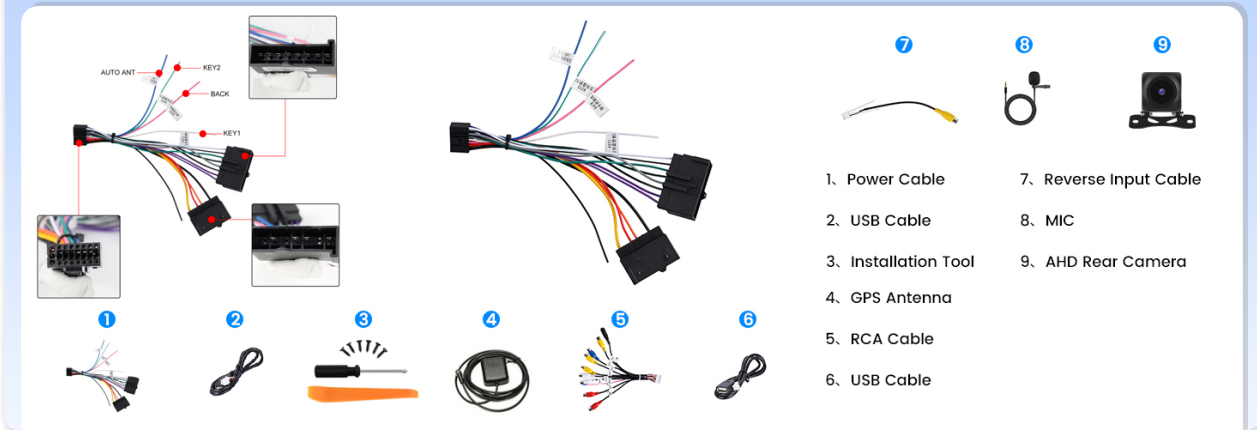


Figure 2.1: Visual representation of the package contents and port details.

3. PRODUCT FEATURES

Your Realdio car radio is equipped with advanced features to enhance your driving experience:

- **Wireless CarPlay & Android Auto:** Seamlessly integrate your smartphone for navigation, calls, messages, and music.
- **GPS Navigation & WiFi Hotspot:** Supports online and offline navigation apps via Google Play Store. Connect to WiFi for real-time updates.
- **Bluetooth 5.0 & FM/RDS Radio:** Hands-free calling with a built-in microphone, wireless music streaming, and high-quality FM/RDS radio reception.
- **UI Themes & Split-Screen Functionality:** Personalize your interface with multiple desktop themes and enjoy dual media on the same screen.
- **Rear View Camera Support:** Automatically displays the rear camera feed when reversing.
- **Audio Customization:** Features a 32-band Equalizer (EQ) for precise sound tuning and 50 Watts output power.

Wireless Carplay & Android Auto & Mirror Link



Figure 3.1: Wireless CarPlay and Android Auto connectivity.



WiFi Connection



Play Video&Music

Download APP



GPS Navigation



Offline Map

Online Map



Figure 3.2: GPS Navigation and WiFi Hotspot capabilities.

UI Display & Split Screen



2.5D Screen



EQ

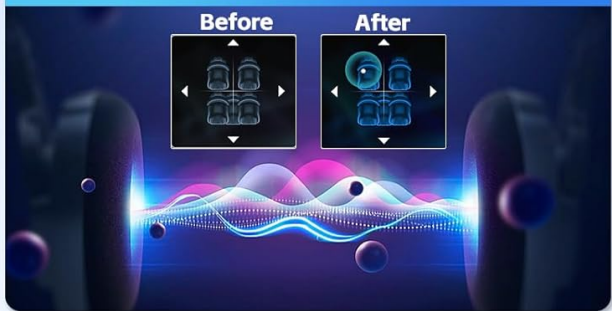


Figure 3.3: Customizable UI themes and split-screen mode.



FM/RDS Radio



87.5MHz

108.0MHz

Bluetooth 5.0

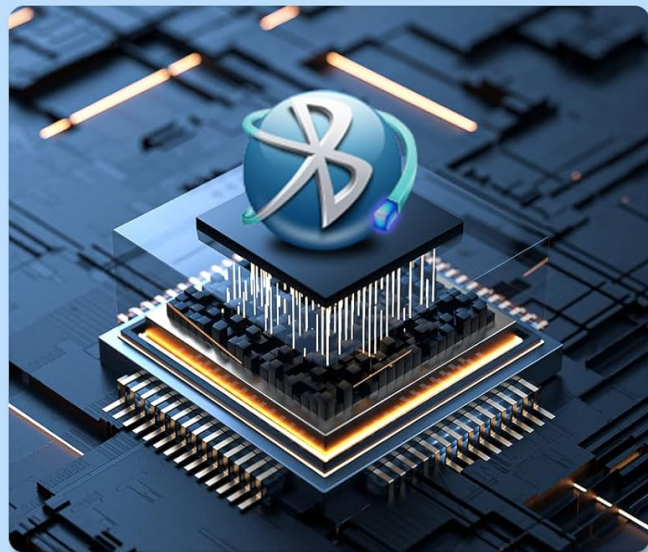


Figure 3.4: Bluetooth 5.0 for calls and music, and FM/RDS radio.

4. INSTALLATION

Professional installation is recommended. Ensure the vehicle's battery is disconnected before beginning installation.

4.1. General Installation Steps

1. Remove the existing car stereo and trim.
2. Connect the power cable, RCA cable, and dual USB cable to the new Readio unit.
3. Install the GPS antenna in a location with a clear view of the sky.
4. Connect the external microphone for hands-free calling.
5. Perform rear camera wiring as detailed below.
6. Secure the Readio unit into the dashboard opening.
7. Reconnect the vehicle's battery and test all functions.

For **Ford Escape 2000-2006 Mazda Tribute 2000-2007**
Mercury Mariner 2005-2007



Before Installation

Figure 4.1: Example of the Realdio car radio installed in a compatible vehicle.

4.2. Reversing Camera Wiring

The reverse input cable must be plugged in, even if the reverse camera is not being used, to prevent interference with Bluetooth and WiFi signal reception.

- **Red Cable (1):** Connects to the positive terminal of the car's reverse light cable.
- **Black Cable (2):** Connects to the negative terminal of the car's reverse light cable.
- There is no need to connect the other two red extension cables (3) and (4).

Reversing Camera Wiring

Tips: The reverse input cable must be plugged in even if the reverse camera is not being used. Otherwise it will affect Bluetooth and WiFi signal reception.

Reversing Camera Wiring

Red Cable ①: Connects to the positive terminal of the car's reverse light cable
Black Cable ②: Connects to the negative terminal of the car's reverse light cable
There is no need to connect the other two red extension cable ③ and ④.



Figure 4.2: Detailed wiring diagram for the reversing camera.

4.3. Steering Wheel Control

The unit supports steering wheel controls for convenience.

- **Without CANBUS Decoder:** Connect the Key1/Key2 wires in the power cable to the corresponding port or wire of your original car. Then, go to 'SWC' in the settings to manually match and activate button functions.
- **With CANBUS Decoder:** Connect the CANBUS before powering on the radio. Then, follow this path: Apps -> Settings -> Factory Settings (8888/8317) -> Vehicle -> Automotive Type. Select the brand of the CANBUS decoder and then the matching model and year.



Steering Wheel Control



Rear View Camera



Figure 4.3: Steering Wheel Control setup options.

5. SETUP

5.1. Initial Power On

After successful installation, turn on your vehicle's ignition. The unit should power on automatically. Follow any on-screen prompts for initial setup, such as language selection and time zone.

5.2. Bluetooth Pairing

To pair your smartphone via Bluetooth:

1. On the car radio, navigate to the Bluetooth settings.
2. Enable Bluetooth on your smartphone and search for available devices.
3. Select the car radio (device name typically 'RK3326S' or similar) from your phone's Bluetooth list.
4. Confirm the pairing code on both devices if prompted.
5. Once paired, you can make hands-free calls and stream audio.

5.3. WiFi Connection

To connect to a WiFi network for online features:

1. Go to the system settings on the car radio.
2. Select 'Network & Internet' or 'WiFi'.
3. Turn on WiFi and select your desired network from the list.
4. Enter the password if required and connect.

6. OPERATING INSTRUCTIONS

6.1. Wireless CarPlay & Android Auto

Once your phone is paired via Bluetooth, Wireless CarPlay or Android Auto should activate automatically. You can access your phone's compatible apps directly from the car radio's screen. Use voice commands (Siri or Google Assistant) for hands-free operation.

6.2. GPS Navigation

Utilize the pre-installed navigation apps or download your preferred ones from the Google Play Store. Ensure a WiFi connection for online maps and traffic updates. Offline maps can be downloaded for use without an internet connection.

6.3. FM/RDS Radio

Access the Radio application from the main menu. You can manually tune to stations or use the scan function to find available frequencies. RDS (Radio Data System) provides additional information like station name and song title where available.

6.4. Media Playback

Play music or videos from various sources:

- **Bluetooth Music:** Stream audio wirelessly from your paired smartphone.
- **USB:** Connect a USB drive to play media files.
- **Apps:** Use streaming apps like Spotify, YouTube, etc., installed from the Google Play Store.

6.5. Split Screen Functionality

To use split-screen mode, open an application and then drag another compatible application from the side menu to display both simultaneously. This allows for multitasking, such as running navigation and music side-by-side.

6.6. UI Themes

Customize the look of your car radio by selecting different UI themes from the settings menu. This allows you to personalize the interface to your preference.

Your browser does not support the video tag.

Video 6.1: Demonstration of various functions of the Realdio RK3326S Android Car Radio.

7. MAINTENANCE

7.1. Cleaning the Screen

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 or abrasive materials.

7.2. Software Updates

Periodically check for software updates through the system settings. Updates can provide new features, performance improvements, and bug fixes. Ensure a stable internet connection during updates.

8. TROUBLESHOOTING

If you encounter issues with your Realdio car radio, refer to the following common problems and solutions:

- **No Power:** Check all power connections and the vehicle's fuse box. Ensure the unit is properly installed.
- **No Sound:** Verify speaker connections, volume levels, and audio settings (EQ, balance). Ensure the correct audio source is selected.
- **Bluetooth Connectivity Issues:** Ensure Bluetooth is enabled on both devices and they are within range. Try unpairing and re-pairing the device.
- **GPS Signal Loss:** Ensure the GPS antenna has a clear view of the sky and is securely connected.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset may be necessary (refer to the setup section for factory settings access).
- **Rear Camera Not Displaying:** Check the rear camera wiring, especially the reverse input cable connection.

9. SPECIFICATIONS

Feature	Detail
Item Weight	3.04 pounds (1.38 Kilograms)
Package Dimensions	10.24 x 6.69 x 3.94 inches
Item Model Number	4+64GB
Display Size	9 Inches
Voice Command	Microphone, Touchscreen
Connectivity Technology	Bluetooth, USB, Wi-Fi, FM/RDS, RCA
Special Features	Android OS, 4GB RAM, 64GB ROM, Bluetooth 5.0, Responsive Touchscreen, Wireless CarPlay & Android Auto, GPS Navigation, WiFi Connection, Mirror Link, FM/RDS Radio, 32 EQ, Steering Wheel Control, Backup Camera Input, Split Screen Function, Double USB Port

Compatible Devices	Smartphone
Audio Output Mode	APE/FLAC/WAV/MP3/WMA etc
Output Power	50 Watts

10. WARRANTY AND SUPPORT

10.1. Warranty Information

This Realdio product comes with a **1 Year Warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

10.2. Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Realdio customer support:

- **Email:** realdioservices@163.com

Our professional team is available to assist you with any questions or concerns.