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> KUNFINE 9.7-inch Android 10 Car Navigation Stereo User Manual for Lexus RX300 (1998-2005) / Harrier (1998-2003)

## KUNFINE 9.7-inch Android 10 Autoradio Car Navigation Stereo

# KUNFINE 9.7-inch Android 10 Car Navigation Stereo User Manual

For Lexus RX300 (1998-2005) / Harrier (1998-2003)

## 1. PRODUCT OVERVIEW

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This KUNFINE 9.7-inch Android 10 Car Navigation Stereo is designed to replace the factory radio in Lexus RX300 (1998-2005) and Harrier (1998-2003) vehicles. It features a 2.5D IPS touch screen, built-in GPS navigation, Bluetooth, Wi-Fi, and multimedia playback capabilities, enhancing your driving experience with modern technology.



Figure 1: Main interface displaying vehicle data and climate controls.

## 2. SAFETY INFORMATION

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- Read all instructions carefully before installation and operation.
- Ensure the vehicle is turned off and the battery is disconnected before installation to prevent electrical damage or injury.
- Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Only use approved accessories and cables.

## 3. INSTALLATION GUIDE

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This unit is designed for plug-and-play installation. All necessary cables and a Canbus decoder are included to ensure compatibility with your vehicle's existing wiring and steering wheel controls.

### 3.1 Pre-Installation Checks

- Verify all components are present: main unit, power harness, GPS antenna, USB cables, Canbus decoder, and any other included accessories.
- Ensure your vehicle is a Lexus RX300 (1998-2005) or Harrier (1998-2003).

## 3.2 Wiring Connections

1. **Disconnect Battery:** Before starting, disconnect the negative terminal of your vehicle's battery.
2. **Remove Factory Radio:** Carefully remove the existing factory radio and trim panels. Refer to your vehicle's service manual for specific instructions.
3. **Connect Main Power Harness:** Connect the provided main power harness to the vehicle's wiring. Ensure the Canbus decoder is properly integrated into the harness as instructed.
4. **Connect GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky (e.g., dashboard, under the windshield) and connect it to the unit.
5. **Connect USB Cables:** Route the USB extension cables to a convenient location (e.g., glove compartment) and connect them to the unit. These support USB input and can be used for USB DVR or mobile hard disks.
6. **Connect AHD Rear View Camera (Optional):** If installing a rear view camera, connect its video input to the designated AHD camera input on the unit and ensure the reverse trigger wire is connected.
7. **Connect Other Accessories:** Connect any other auxiliary inputs, audio outputs, or external equipment as needed.
8. **Test Connections:** Before fully reassembling, reconnect the battery and briefly power on the unit to ensure basic functionality (power, display, sound).
9. **Secure Unit and Reassemble:** Carefully mount the new head unit into the dashboard and reassemble all trim panels.

## 4. OPERATING INSTRUCTIONS

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The unit operates on Android 10.0, providing a familiar and intuitive user interface via its capacitive multi-touch screen.

### 4.1 Basic Operation

- **Power On/Off:** The unit typically powers on with the vehicle's ignition. Press and hold the power button (if available) for manual power control.
- **Touch Screen:** Navigate the interface by tapping, swiping, and pinching on the 9.7-inch IPS touch screen.
- **Home Screen:** Access various functions like Navigation, Radio, Apps, Music, and Bluetooth directly from the home screen.

### 4.2 Navigation

The unit includes built-in GPS navigation with support for North America maps.

1. Tap the 'Navi' icon on the home screen to launch the navigation application.
2. Ensure the GPS antenna has a clear signal for accurate positioning.
3. Follow the on-screen prompts to enter destinations and receive turn-by-turn directions.



Figure 2: GPS navigation interface.

### 4.3 Bluetooth Connectivity

Connect your smartphone via Bluetooth for hands-free calling and A2DP stereo music streaming.

1. Tap the 'Bluetooth' icon on the home screen.
2. Enable Bluetooth on your mobile phone and search for available devices.
3. Select the unit's Bluetooth name (e.g., 'KUNFINE\_BT') from your phone's list and pair.
4. Once paired, you can make/receive calls and play music from your phone through the car speakers. The unit supports Bluetooth phonebook search.



Figure 3: Bluetooth pairing screen.

#### 4.4 Multimedia Playback

The unit supports 1080P hardware decoding and various audio formats.

- **Music:** Tap the 'Music' icon to access local music files from USB or internal storage.
- **Radio:** Tap the 'Radio' icon to access the FM/RDS receiver. Scan for stations or manually tune.
- **Video:** Play video files from connected USB devices.



Figure 4: Music player interface.



Figure 5: FM Radio interface.

#### 4.5 Wi-Fi and Internet

Built-in Wi-Fi allows for wireless internet access and hot-spot sharing.

1. Go to 'Settings' > 'Wi-Fi'.
2. Turn on Wi-Fi and connect to an available network (e.g., your phone's hotspot).
3. Once connected, you can use online applications like YouTube, browse the web, or download apps.

#### 4.6 Mirror Link

The unit supports Mirror Link for both Android and iPhone devices, allowing you to display your phone's screen on the stereo.

1. Access the 'Mirror Link' application from the home screen or app drawer.
2. Follow the on-screen instructions to connect your specific Android or iPhone device.

#### 4.7 Steering Wheel Control

The included Canbus decoder ensures compatibility with your vehicle's steering wheel controls, allowing you to manage audio and other functions without taking your hands off the wheel.

- After installation, verify that your steering wheel buttons function correctly.
- If necessary, access the 'Steering Wheel Control' settings in the unit's menu to map or re-map buttons.

## 4.8 Sound Settings

Adjust audio output modes and equalizer settings for optimal sound quality.



Figure 6: Audio Equalizer settings.

## 5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. For stubborn smudges, lightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Periodically check for software updates via the Wi-Fi connection to ensure optimal performance and access to new features.
- **Temperature:** Do not leave the unit in direct sunlight for extended periods, especially in hot weather, as this can affect its lifespan.

## 6. TROUBLESHOOTING

### 6.1 No Power

- **Check Fuses:** Inspect the vehicle's fuse box and the unit's inline fuse for any blown fuses.
- **Wiring:** Ensure all power cables are securely connected.
- **Battery:** Verify the vehicle's battery is charged and properly connected.

## 6.2 No Sound

- **Volume:** Check if the volume is turned up and not muted.
- **Source:** Ensure the correct audio source (e.g., Radio, USB, Bluetooth) is selected.
- **Wiring:** Verify speaker wiring connections are secure.

## 6.3 GPS Signal Loss

- **Antenna Placement:** Ensure the GPS antenna is mounted in a location with a clear view of the sky, away from obstructions.
- **Connection:** Check that the GPS antenna is securely connected to the unit.

## 6.4 Bluetooth Connection Issues

- **Visibility:** Ensure Bluetooth is enabled on both the unit and your mobile phone, and that your phone is discoverable.
- **Pairing:** Delete previous pairings on both devices and attempt to re-pair.
- **Distance:** Keep the phone within close proximity to the unit.

## 6.5 Touch Screen Unresponsive

- **Restart:** Try restarting the unit (turn off vehicle ignition, wait a few minutes, then restart).
- **Clean Screen:** Ensure the screen is clean and free of debris or moisture.

## 7. SPECIFICATIONS

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Feature	Specification
CPU	Intel ATOM 4 Quad Core, 1.3GHz*4
Operating System	Android 10.0 System
RAM	1G DDR3
ROM	16G
Display Size	9.7 Inches
Screen Type	2.5D IPS Capacitive Multi-touch Screen
Video Decoding	1080P Hardware Decoding
USB Input	2 USB inputs (supports USB interface camera, USB DVR, mobile hard disk)
GPS Navigation	Built-in, supports North America maps
Bluetooth	Built-in, supports voice call, A2DP, phonebook search, OBD2
Wi-Fi	Built-in, supports wireless internet and hotspot sharing
Rear View Camera	Supports AHD Rear View Camera
Radio	FM / RDS receiver
Mirror Link	Supports Android and iPhone

Feature	Specification
Steering Wheel Control	Supported (via Canbus)
Included Components	Canbus, cables
Vehicle Service Type	Car (Lexus RX300 1998-2005, Harrier 1998-2003)

## 8. WARRANTY INFORMATION

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Specific warranty terms and duration may vary. Please refer to the warranty card included with your product or contact the seller directly for detailed warranty information and claims procedures.

## 9. CUSTOMER SUPPORT

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For technical assistance, installation queries, or any other support needs, please contact the seller or manufacturer directly. Have your product model number and purchase details ready when contacting support.

Seller: Jiaxing Kunfine Auto Parts Co., Ltd.

For further assistance, you may visit the product page on Amazon:[KUNFINE 9.7-inch Android 10 Autoradio](#)