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MekedeTech RX350

MekedeTech Android 12 Car Radio User Manual

Model: RX350 | Brand: MekedeTech

1. PRODUCT OVERVIEW

This aftermarket touch screen is designed for Lexus RX models from 2015 onwards. This specific version is compatible with cars equipped with the square joystick mouse. Please note that the square joystick controls the screen only within the factory system and does not control the Android system. The unit retains all original equipment manufacturer (OEM) features such as the backup camera, steering wheel controls, and OEM mouse, without affecting OEM audio quality.

The 12.3-inch IPS touch screen features a high resolution of 1920x720, providing a modern aesthetic to your vehicle's interior. It is equipped with 4GB RAM and 64GB ROM, ensuring fast response times and smooth operation.



Figure 1.1: Main interface of the MekedeTech Android 12 Car Radio.

2. INSTALLATION GUIDE

Installation requires careful attention to wiring, which varies based on your OEM mouse type and original display. Ensure to select the correct options during purchase to receive the appropriate wiring harness.

2.1 Pre-Installation Notes

- The original OEM screen must be retained if it is 12.3 inches for this Android screen to function. This means both screens will be kept together.
- An extra camera box may be required if your car has an original 360 Panorama Camera.
- An electronic installation manual and wiring diagram will be provided via Amazon message. Please review these documents before beginning installation.

Note : You will be need to retain the OEM screen if it is 12.3 inch then our Android screen can work, that means you will be need to keep 2 screens together.please do not order if you can not accept this, thank you



Figure 2.1: Important note regarding retention of the OEM screen.

2.2 Wiring Connections

Refer to the diagrams below for proper wiring connections. Ensure all cables are securely connected to their respective ports.

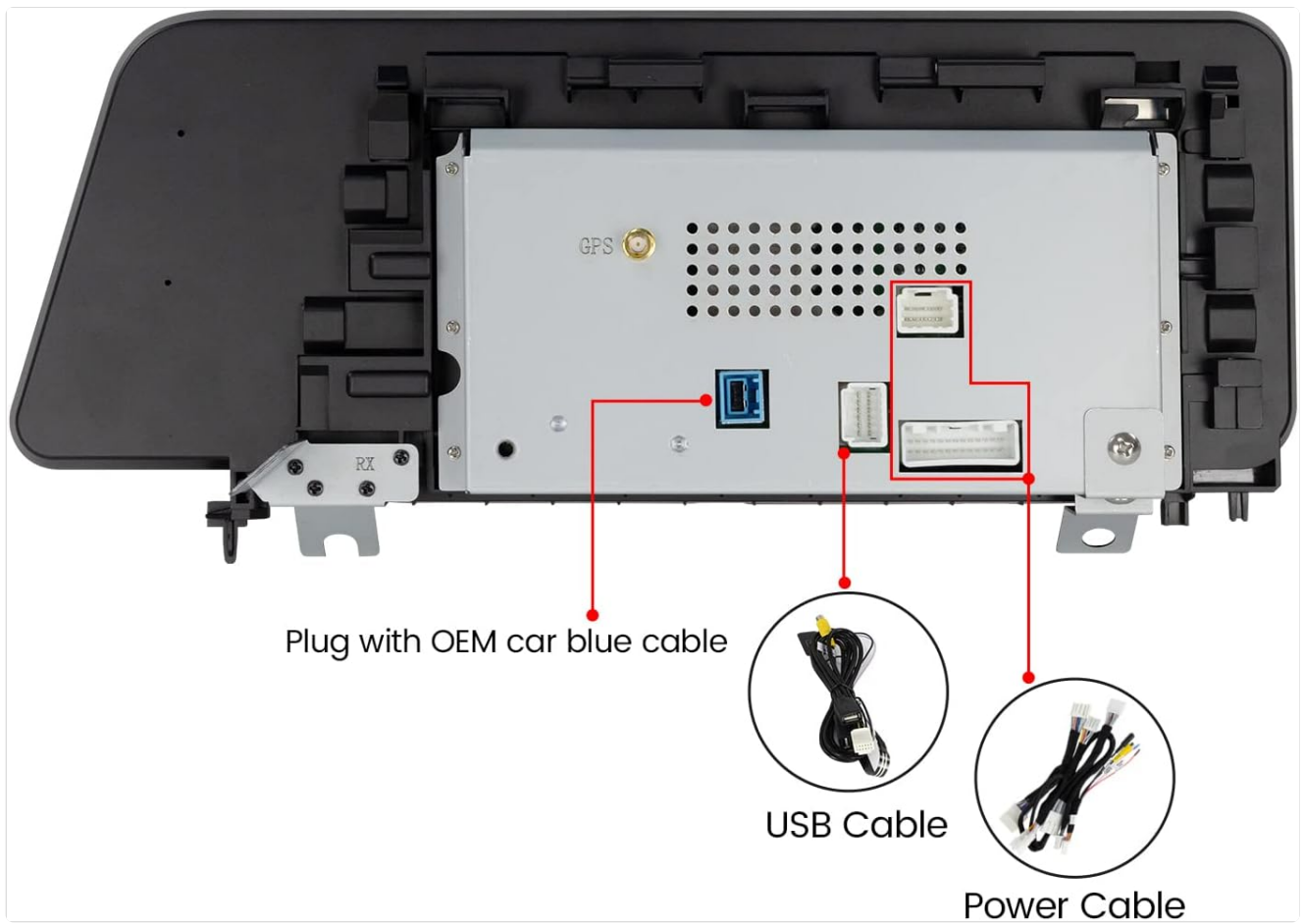


Figure 2.2: Rear view of the unit showing connections for OEM blue cable, USB, and power.

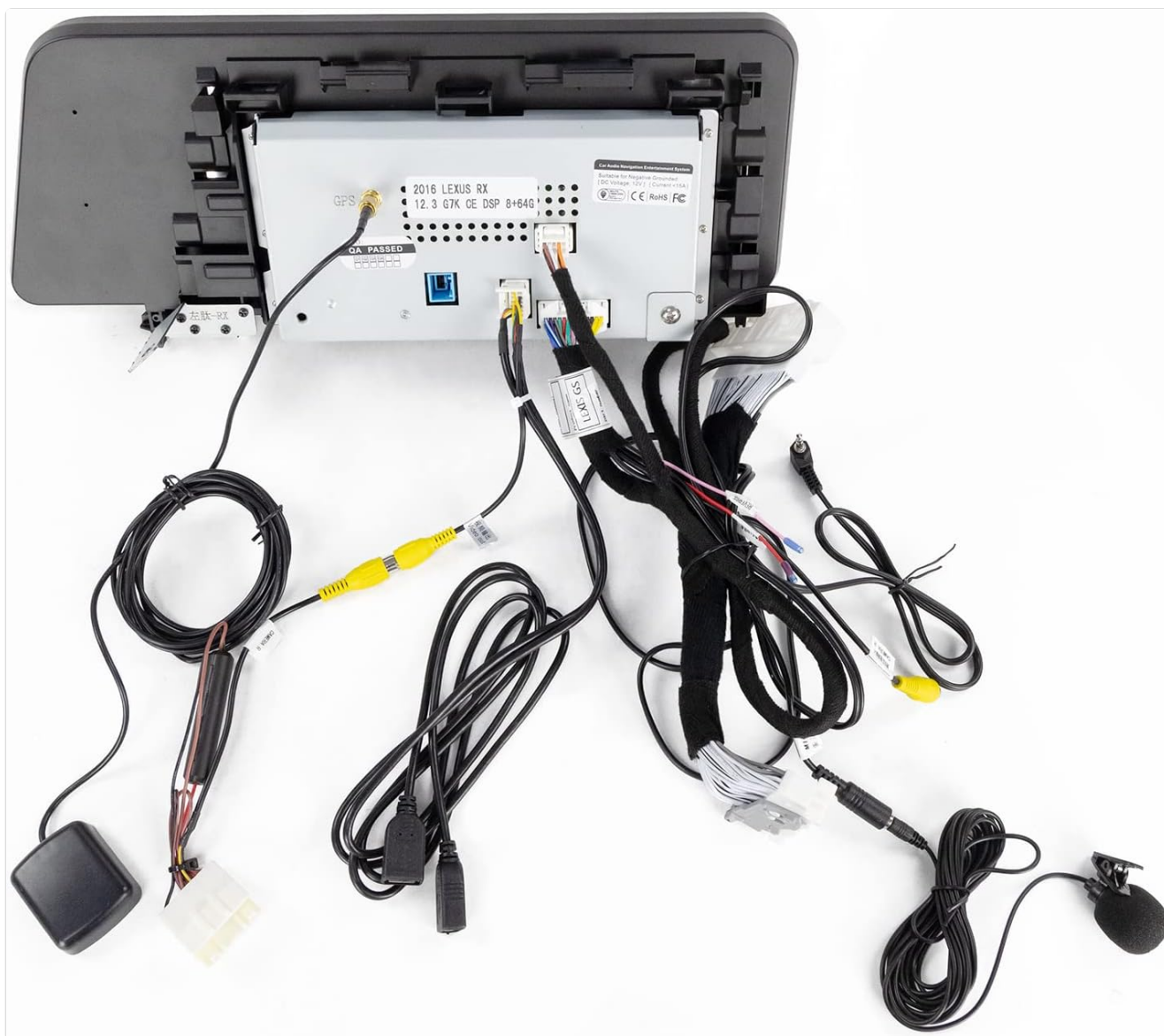


Figure 2.3: Comprehensive wiring diagram. (1) Connect with OEM car blue cable, (2) GPS, (3) USB 1, (4) USB 2, (5) Reset Button, (6) Video out, (7) Connect with OEM CD port, (8) Connect with OEM CD port, (9) Connect with car audio jack, (10) MIC, (11) Reverse video input, (12) Connect with car OEM backup camera (not needed if car without OEM backup camera).

2.3 Installation Outcome



**Before
installation**



**After
installation**

Figure 2.4: Visual comparison of the car interior before and after the installation of the new display.

3. OPERATING INSTRUCTIONS

This section details the various functions and operations of your MekedeTech Android 12 Car Radio.

Video 3.1: Demonstration of various features including main menu operation, GPS navigation, Bluetooth function, built-in CarPlay, music playback, equalizer settings, video playback, DVR function, reversing camera input, built-in WiFi, split-screen mode, and device information.

3.1 Main Menu and Applications

The main menu provides access to core functions and installed applications. Navigate by tapping the icons on the touch screen.



Figure 3.1: The applications screen showing various pre-installed and user-installed apps.

3.2 GPS Navigation

The unit supports various GPS navigation maps software. You can install your preferred navigation application from the Play Store.

3.3 Bluetooth Functionality

Utilize the Bluetooth hands-free function to sync your phonebook, make calls, and stream music wirelessly. Pair your device through the Bluetooth settings menu.



Figure 3.2: Bluetooth pairing interface, showing device name and connection status.

3.4 Wireless Apple CarPlay & Android Auto

The unit features built-in wireless Apple CarPlay and Android Auto. This allows for seamless integration with your smartphone, enabling navigation, calls, messages, and music playback directly from the car's display without needing a cable connection.

3.5 Media Playback

The system supports music and video playback from USB flash drives and SD cards. It supports 1080p video format. An equalizer is available to customize sound quality.

3.6 DVR Function (Front + Back)

The unit supports DVR functionality. You can connect a USB DVR camera (sold separately) to record driving footage from both front and rear perspectives.

3.7 Reversing Camera Input

The system automatically switches to reversing mode to display the car's rear view when the vehicle is in reverse gear. A reversing camera is sold separately.

3.8 Built-in WiFi

The unit has built-in WiFi, allowing you to connect to your cellphone's hotspot or other WiFi networks to access the internet and download applications.

3.9 Split-Screen Mode

The split-screen mode allows you to run two applications simultaneously on the screen, side by side. This is useful for multitasking, such as using navigation while playing music.

3.10 Original UI Support

The system seamlessly integrates with and supports the original car's user interface, allowing you to switch between the Android interface and the factory system interface.



Figure 3.3: The unit seamlessly integrates with and supports the original car's user interface.

4. MAINTENANCE

To ensure the longevity and optimal performance of your car radio, follow these maintenance guidelines:

- Keep the screen clean using a soft, lint-free cloth. Avoid abrasive cleaners.
- Ensure proper ventilation around the unit to prevent overheating.
- Regularly check for software updates to improve performance and add new features.
- Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.

5. TROUBLESHOOTING

If you encounter issues with your car radio, refer to the following common troubleshooting steps:

- **No Power:** Check all power connections. Ensure the car's ignition is on.
- **No Sound:** Verify speaker connections. Check volume levels on both the unit and your car's audio system. Ensure Bluetooth audio is correctly routed if streaming.
- **Touch Screen Unresponsive:** Try restarting the unit by pressing the reset button (refer to Figure 2.3 for location).
- **GPS Signal Issues:** Ensure the GPS antenna is properly installed and has a clear view of the sky.
- **Bluetooth Pairing Problems:** Ensure Bluetooth is enabled on both the unit and your phone. Delete previous pairings and try reconnecting.
- **CarPlay/Android Auto Not Connecting:** Verify your phone's settings for CarPlay/Android Auto. Ensure the connection type (wireless/wired) is correct.

For persistent issues, contact MekedeTech customer support.

6. SPECIFICATIONS

Feature	Detail
Item Weight	5.5 pounds
Product Dimensions	14.96 x 12.6 x 11.02 inches
Country of Origin	China
Item Model Number	RX350
Display Size	12.3 Inches
Display Resolution	1920*720
Voice Command	Touchscreen, Microphone, Keyboard, Buttons
Brand	MekedeTech
Model Name	Android 12 Car Radio
Vehicle Service Type	Car
Special Feature	Touchscreen, Wireless CarPlay, Bluetooth, Wired Android Auto
Connectivity Technology	Wireless
Map Type	Worldwide
Audio Output Mode	Speaker

7. SAFETY INFORMATION

Please observe the following safety guidelines:

- Do not dent the unit.

- Ensure all connections are secure to prevent electrical hazards.
- Avoid distractions while driving. Operate the unit only when it is safe to do so.
- Consult a professional for installation if you are unsure about any steps.

8. WARRANTY AND SUPPORT

This product comes with a One Year Warranty. For technical support, troubleshooting assistance, or warranty claims, please contact MekedeTech customer service through the platform where the product was purchased.