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› KUNFINE 13.1 Inch QLED CarPlay Android Auto Navigation Stereo User Manual for Toyota Highlander 2001-2007

KUNFINE KF-V6019A

KUNFINE 13.1 Inch QLED CarPlay Android Auto Navigation Stereo User Manual

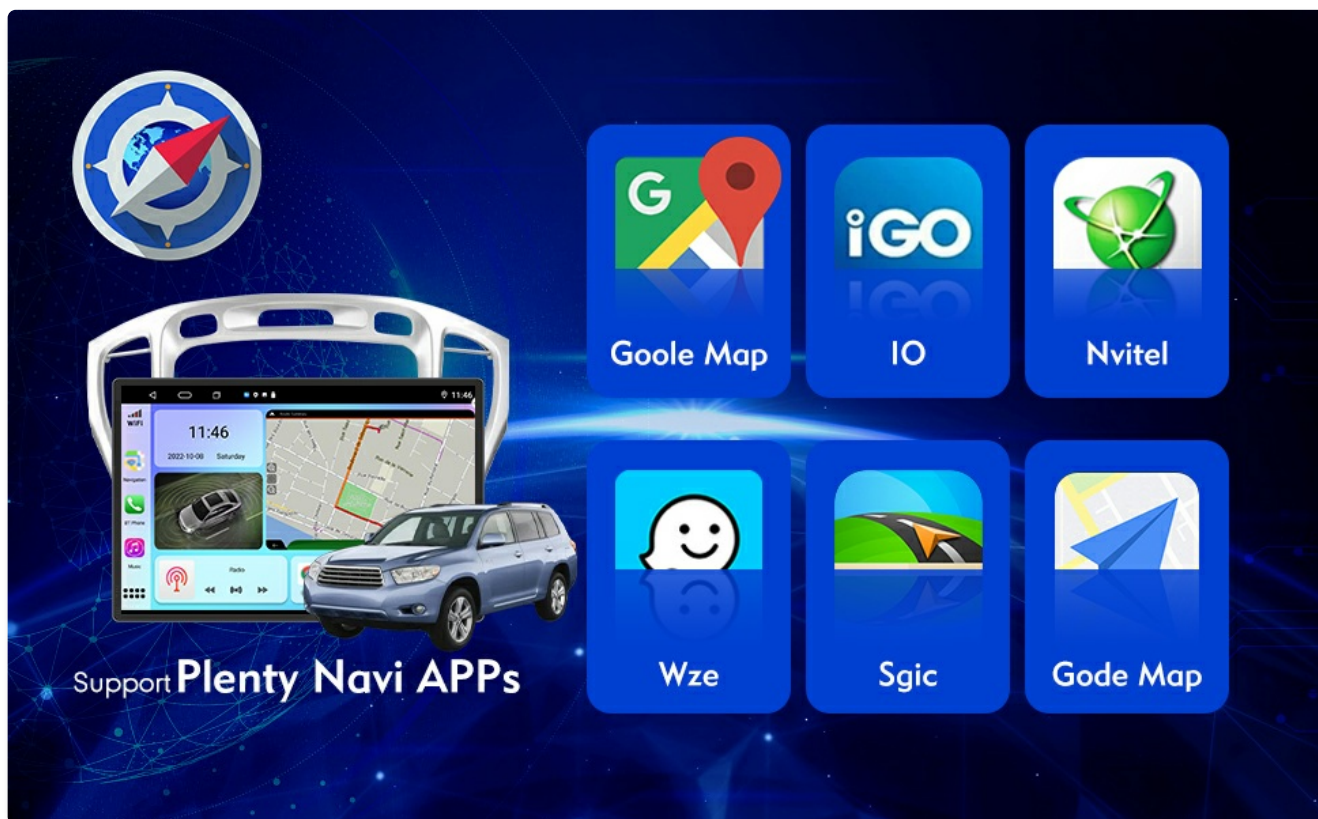
Model: KF-V6019A for Toyota Highlander 2001-2007

1. INTRODUCTION

This user manual provides essential information for the installation, operation, and maintenance of your KUNFINE 13.1 inch QLED CarPlay Android Auto Navigation Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This unit is designed for specific Toyota Highlander models manufactured between 2001 and 2007.

2. IMPORTANT COMPATIBILITY NOTE

Before installation, verify your vehicle's original dashboard configuration. This unit is designed to replace standard factory radios. If your Toyota Highlander (2001-2007) is equipped with a large color screen or an OEM amplifier from the factory, an additional Canbus decoder may be required for proper operation. Failure to use the correct components can lead to compatibility issues or malfunction. Please contact KUNFINE customer support for guidance if your vehicle has such a configuration.



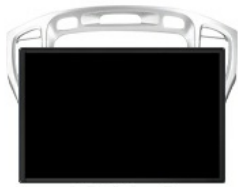
This image illustrates compatibility requirements for the KUNFINE car stereo in Toyota Highlander models from 2001-2007. It shows the original dashboard configurations that are compatible (top left, marked with a green check) and incompatible (top right and bottom left, marked with red crosses). If your original unit has a big color screen, you may have an OEM amplifier, requiring an extra Canbus decoder. Please contact the seller for assistance.

3. PACKAGE CONTENTS

Please check the package carefully to ensure all components are present and undamaged before proceeding with installation.

- 13.1 Inch Head Unit
- Power Cable
- Cable Plug
- Camera Input Cable
- 2x USB Port Cables (4-pin and 6-pin)
- RCA Expand Cable
- RCA Connector for Reverse Camera
- GPS Antenna
- External Microphone
- AHD 720 Reverse Camera (Bundled)
- Installation Kit / Tools

Package Content



13.1 Inch



Power Cable



Cable Plug



Camera Input



USB Cable (4 pinhole)



USB Cable (6 pinhole)



GPS Antenna



RCA Wire Harness

BUNDLED



AHD Reverse Camera

External Mic

Crowbar

This image displays the various components included in the package: the 13.1-inch head unit, power cable, cable plug, camera input cable, USB cables (4-pin and 6-pin), GPS antenna, RCA wire harness, and a bundled AHD reverse camera with external mic and install tools.

4. SETUP & INSTALLATION

Installation of this car stereo unit requires technical knowledge and experience with car electronics. It is highly recommended to have the unit installed by a qualified professional to prevent damage to the product or your vehicle. Ensure the vehicle's battery is disconnected before beginning any installation work.

4.1 General Installation Steps (Consult a professional)

1. Remove the original factory radio and trim panels.
2. Connect the provided wiring harness to the vehicle's wiring. Ensure all connections are secure.
3. Connect the GPS antenna, USB cables, and reverse camera input cable to the head unit.
4. Mount the new 13.1-inch head unit into the dashboard opening.
5. Reconnect the vehicle's battery and test all functions before fully reassembling the dashboard.

Installation Effect



Before Installation



After Installation

This image shows a side-by-side comparison of a Toyota Highlander dashboard before and after the installation of the KUNFINE 13.1-inch car stereo. The 'Before Installation' image shows the original factory radio, while the 'After Installation' image shows the new QLED touchscreen unit seamlessly integrated into the dashboard.

5. OPERATING INSTRUCTIONS

5.1 CarPlay / Android Auto

Connect your iOS or Android smartphone via USB to access CarPlay or Android Auto. This feature allows for seamless integration of your phone's navigation, music, calls, and messaging apps directly onto the head unit's display. Use voice commands for hands-free operation to minimize distractions while driving.

Future Coming A New Way Driving Experience



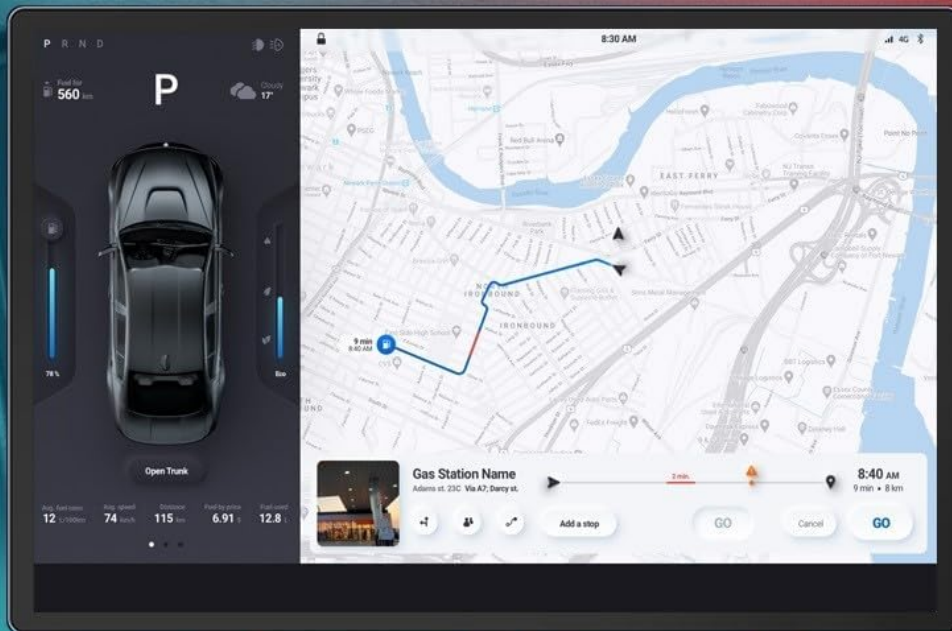
This image illustrates the CarPlay and Android Auto functionalities. It shows a smartphone connected to the head unit, displaying the respective interfaces for iOS and Android systems, allowing seamless integration of phone features.

5.2 GPS Navigation

The unit features built-in GPS for real-time navigation. With a Wi-Fi connection, you can download and use various navigation applications. The system supports popular map services, providing accurate directions and traffic information.

GPS Navigation

Satellite GPS can locate in real time without network. With wifi connected, you can use navigation in real time



G***le Map



I*O



W**e



N****el

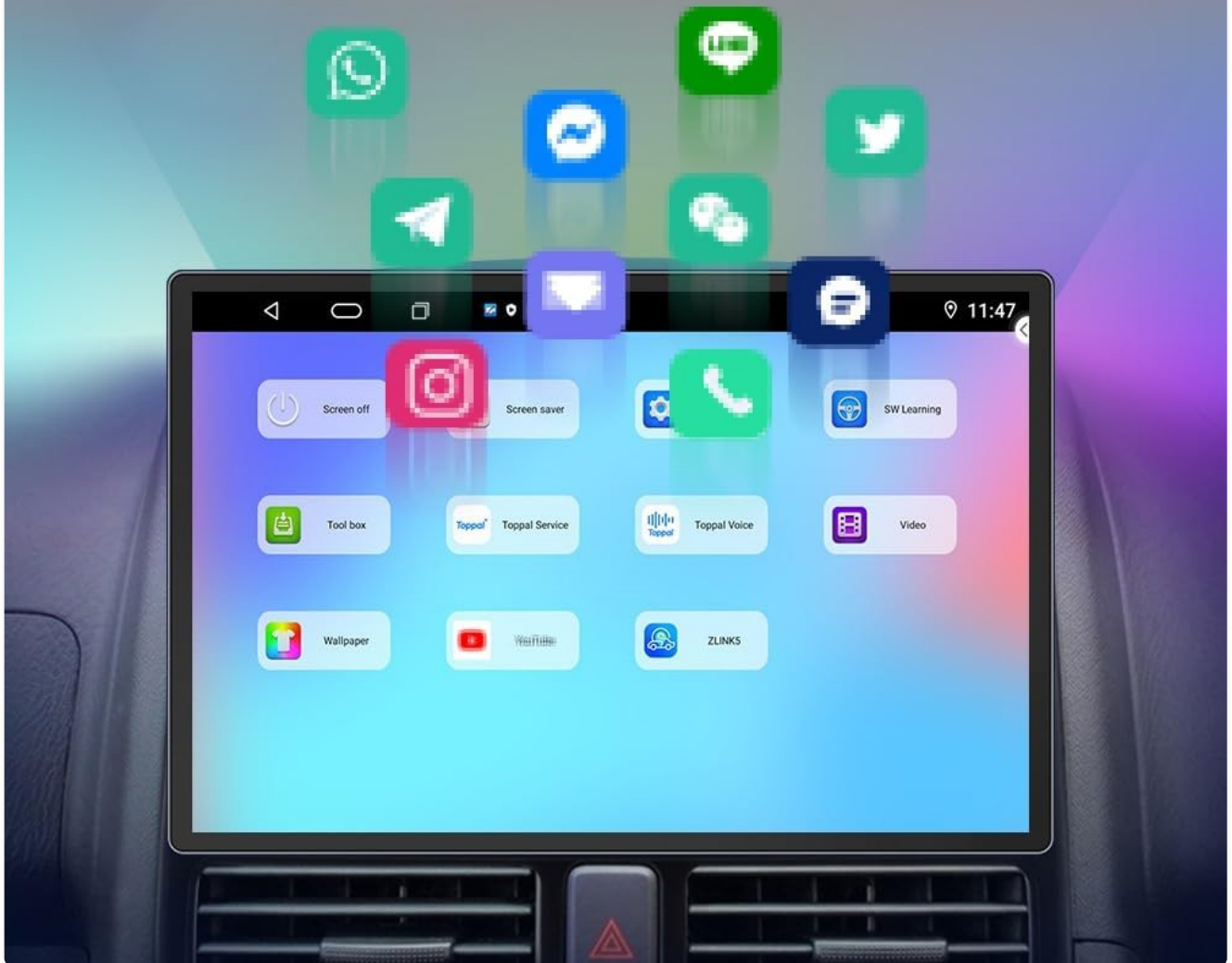
This image shows the GPS navigation interface on the 13.1-inch QLED screen, displaying a map with a route and various navigation controls. It highlights the ability to use satellite GPS for real-time location and navigation.

5.3 WiFi Connectivity

Connect the head unit to a Wi-Fi hotspot (e.g., from your smartphone) to access online features. This includes browsing the internet, streaming media, downloading applications from the app store, and receiving online map updates.

WIFI

You can use WIFI to browse website, get online navigation watch video and download Apps



This image demonstrates the WiFi capabilities of the head unit, showing various applications and settings on the screen, indicating the ability to browse the internet, download apps, and use online navigation.

5.4 Car Reverse Camera

The system supports a car reverse camera input. When the vehicle is shifted into reverse, the screen will automatically display the rear view, assisting with parking and maneuvering. The bundled AHD 720 camera provides a clear image.

Car Reverser Camera

Support Car Reverser Camera input, you can see the video on screen through the rear view camera when reversing your car



This image illustrates the car reverse camera function, showing a simulated rear view on the screen with parking guidelines, indicating support for a rear view camera input.

5.5 Steering Wheel Control (SWC)

The unit supports steering wheel controls, allowing you to manage audio playback, volume, and other functions without taking your hands off the wheel. Refer to the system settings to configure and map your vehicle's steering wheel buttons.

Steering Wheel Control

Quickly switch functions which you want with your car's steering wheel control



This image displays the steering wheel control learning interface, showing how users can program and assign functions to their car's steering wheel buttons for quick access to various stereo features.

5.6 FM/RDS Radio

Tune into your favorite FM radio stations. The unit supports RDS (Radio Data System) for displaying station information, song titles, and artist names where available. You can save preferred stations for quick access.

FM/RDS Radio

You can transfer the music to the car stereo by FM/RDS, Long press to save your favorite radio station



This image shows the FM/RDS radio interface, displaying radio frequencies and options to save favorite stations, indicating the unit's capability to receive FM and RDS signals.

6. MAINTENANCE

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

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the QLED touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for available software updates through the unit's settings or the manufacturer's website. Keeping the software updated can improve performance and add new features.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Connections:** Ensure all cables are securely connected. Loose connections can lead to intermittent issues.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not power on	Loose power connection, blown fuse, incorrect wiring.	Check power cables and fuse. Verify wiring connections. Consult an installer.
No sound	Volume too low, mute activated, speaker wiring issue, amplifier compatibility.	Increase volume, check mute settings. Verify speaker connections. Ensure Canbus decoder is used if OEM amplifier is present.
GPS signal lost or inaccurate	GPS antenna obstructed or improperly installed, poor satellite reception.	Ensure GPS antenna has a clear view of the sky. Check antenna connection.
CarPlay/Android Auto not connecting	Faulty USB cable, phone software issue, incorrect settings.	Try a different USB cable. Restart your phone and the head unit. Check phone settings for CarPlay/Android Auto permissions.
Touchscreen unresponsive	System freeze, temporary software glitch.	Perform a soft reset (refer to device settings or contact support).

If the problem persists after attempting these solutions, please contact KUNFINE customer support for further assistance.

8. SPECIFICATIONS

Detailed technical specifications for the KUNFINE 13.1 Inch QLED CarPlay Android Auto Navigation Stereo:

Brand: KUNFINE

Model Name: Kunfine CarPlay Android Auto Navigation

Model Number: KF-V6019A

Screen Size: 13.1 Inches

Display Type: QLED

Resolution: 1920 x 1200

Operating System: Android

Memory Storage Capacity: 64 GB

Connectivity Technology: USB, Bluetooth, Wi-Fi

Human-Interface Input: Touch Pad, Touchscreen

Supported Satellite Navigation System: GPS

Map Type: North America

Audio Output Mode: Stereo

Compatible with Vehicle Type: Car (Toyota Highlander 2001-2007)

Included Components: GPS Antenna, Power Cable, 2x USB Port Cable, RCA Expand Cable, RCA Connector for Reverse Camera, Install Kit, External Mic, AHD 720 Reverse Camera

9. WARRANTY & SUPPORT

Your KUNFINE 13.1 Inch QLED CarPlay Android Auto Navigation Stereo comes with a **1-year warranty** covering non-human damage. This warranty ensures that your product is free from defects in materials and workmanship under normal use.

For any questions, technical support, or warranty claims, please contact KUNFINE customer service. Your consultation is always welcomed, and our support team is ready to assist you with any issues you may encounter.

Contact Information: Please refer to your purchase documentation or the seller's contact details on the platform where the product was purchased.