

KUNFINE Quad Core 1G+16G

KUNFINE Android Car Stereo Navigation System User Manual

Model: Quad Core 1G+16G for Toyota FJ Cruiser (2006-2020)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your KUNFINE Android Car Stereo Navigation System. Please read this manual thoroughly before using the product to ensure proper function and safety. This system is designed for Toyota FJ Cruiser models manufactured between 2006 and 2020.

2. SAFETY INFORMATION

- Ensure the vehicle's engine is off and the battery is disconnected before installation to prevent electrical short circuits.
- Professional installation is recommended. Incorrect installation may damage the device or vehicle.
- Do not operate the device in a manner that distracts you from driving. Always prioritize road safety.
- Keep the device away from water and extreme temperatures.
- Use only specified accessories and cables provided with the unit.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:



Image: KUNFINE Android Car Stereo with its main components and wiring harnesses.

- 9-inch Android Car Stereo Unit
- Power Cable
- Cable Plug (various connectors)
- Camera Input Cable
- USB Cable (4-pinhole)
- USB Cable (6-pinhole)
- GPS Antenna
- RCA Wire Harness
- AHD Reverse Camera (Gift)
- External Microphone (Gift)
- Crowbar (Installation Tool)



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Image: A detailed layout of all components included in the KUNFINE Android Car Stereo package, showing the main unit, various cables, GPS antenna, and a reverse camera.

4. INSTALLATION GUIDE

The installation process involves removing the original car stereo and integrating the new Android unit. While the connectors are designed for direct fitment in compatible Toyota FJ Cruiser models, professional installation is recommended.

4.1 Pre-Installation Steps

1. Park the vehicle on a level surface and engage the parking brake.
2. Disconnect the negative terminal of the car battery to prevent electrical hazards.
3. Carefully remove the existing car stereo and dashboard trim using appropriate tools (e.g., the provided crowbar).

4.2 Connecting the Unit

1. Connect the main power cable harness from the new unit to the vehicle's wiring harness.
2. Connect the GPS antenna and position it in a location with clear sky visibility (e.g., on the dashboard).
3. If installing the reverse camera, route the camera cable to the rear of the vehicle and connect it to the camera input on the main unit.
4. Connect any additional USB cables or RCA harnesses as needed for external devices.

4.3 Post-Installation

1. Carefully mount the new Android stereo unit into the dashboard opening.
2. Reinstall the dashboard trim and any other removed components.
3. Reconnect the car battery's negative terminal.
4. Turn on the vehicle and test the unit's functionality.

Package Content

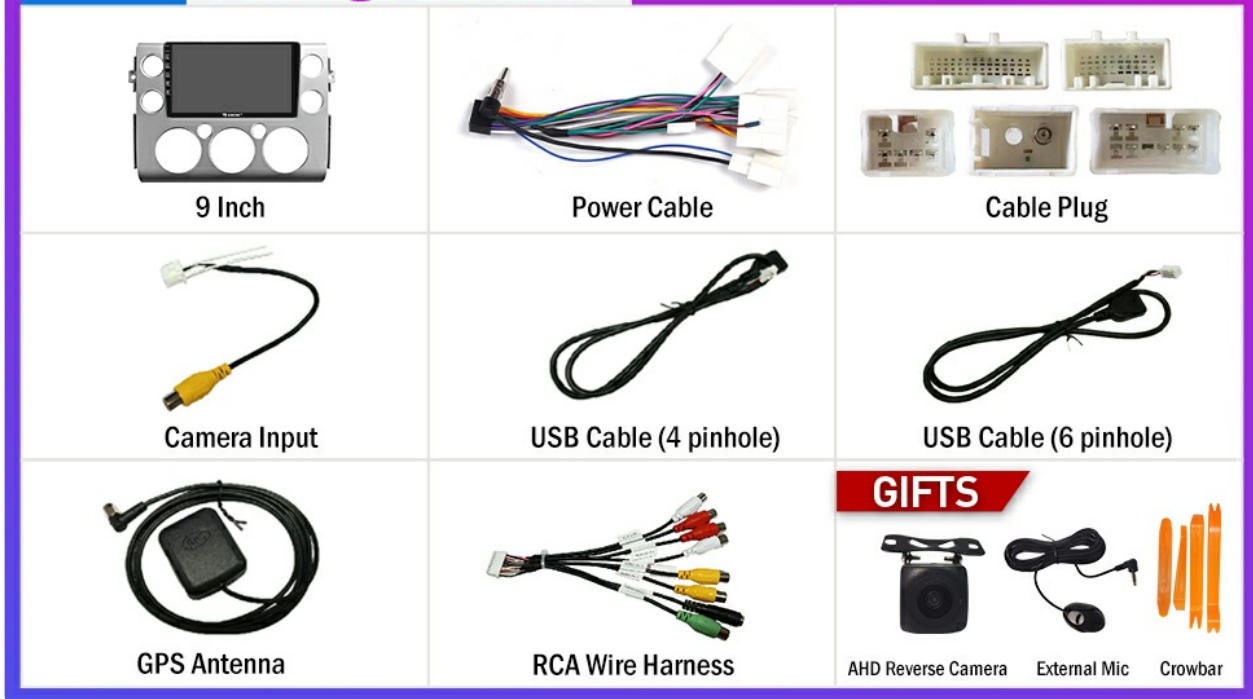


Image: A side-by-side comparison showing the original car stereo setup (left) and the KUNFINE Android Car Stereo installed (right) in a Toyota FJ Cruiser dashboard.

5. OPERATING INSTRUCTIONS

Your KUNFINE Android Car Stereo operates on an Android system, offering a user-friendly interface similar to a tablet.

5.1 Basic Navigation

- **Touch Screen:** Interact with the unit using the 9-inch multi-touch IPS screen.
- **Home Screen:** Access various applications and widgets from the main home screen.
- **Side Buttons:** Physical buttons on the side of the unit provide quick access to functions like power, volume, and home.

5.2 GPS Navigation

The unit supports real-time GPS navigation. With a Wi-Fi connection, you can use online navigation apps. Without Wi-Fi, satellite GPS can still locate your position.

WIFI

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



Image: The car stereo display showing a GPS navigation map with various map applications available.

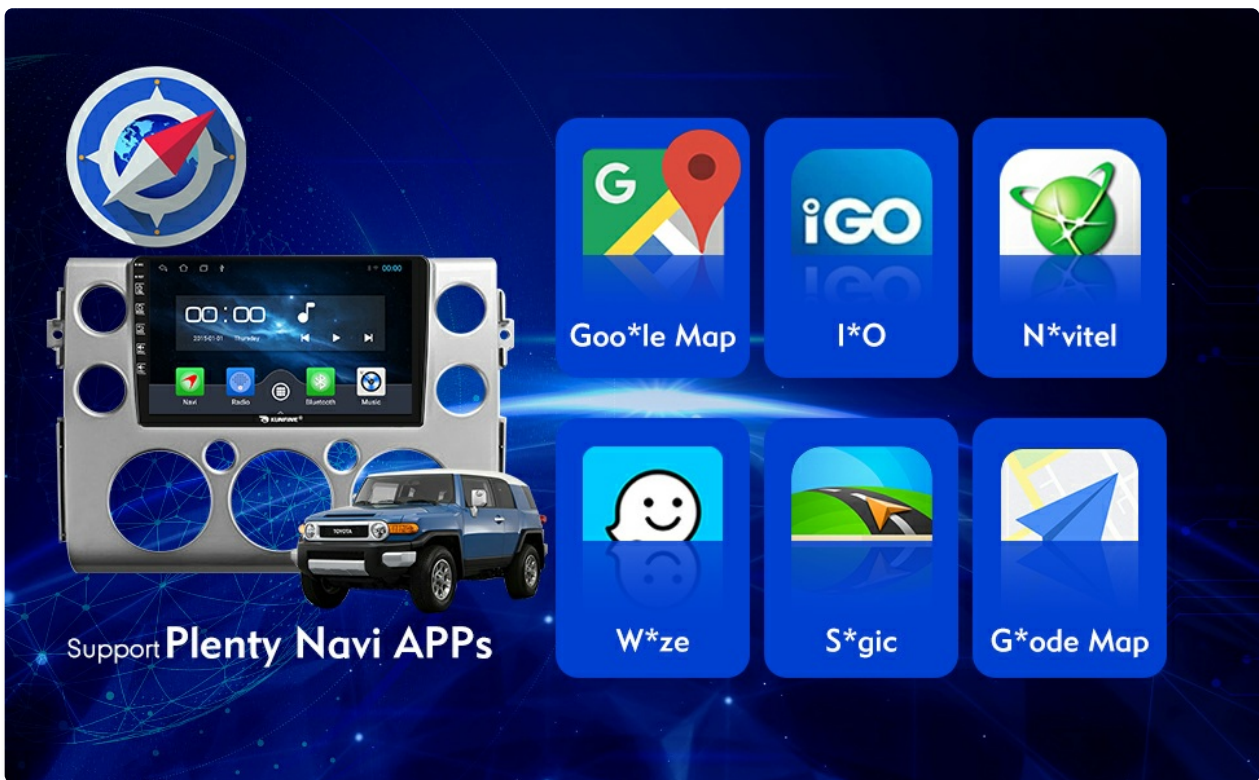


Image: The car stereo displaying a map with icons for several popular navigation applications such as Google Maps, iGO, and Navitel.

5.3 Wi-Fi Connectivity

Connect to a Wi-Fi network to browse the internet, download applications, stream videos, and access online navigation services.

Car Reverser Camera

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



Image: The car stereo screen showing various application icons, indicating Wi-Fi connectivity for browsing and app downloads.

5.4 Bluetooth Function (BT)

The built-in Bluetooth allows for wireless music streaming and hands-free calling. Pair your mobile device with the stereo to use these features.

FM Radio

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



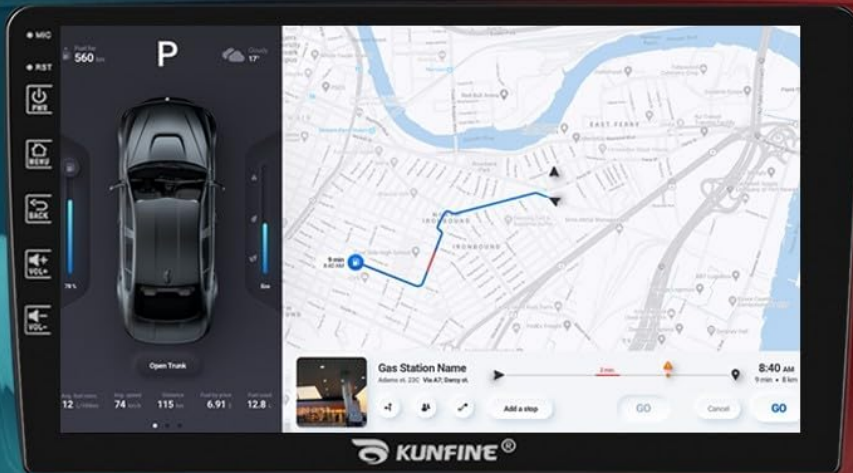
Image: The car stereo displaying a Bluetooth call interface and a music player interface, demonstrating hands-free calling and wireless music streaming.

5.5 Mirror Link

Mirror Link functionality allows you to display your smartphone screen on the stereo. This feature is wireless for iOS devices and wired for Android devices.

GPS Navigation

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



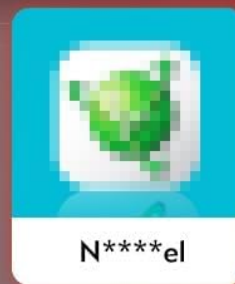
G***le Map



I*O



W**e



N****el

Image: The car stereo screen showing a mirrored smartphone display, illustrating the Mirror Link feature.

5.6 Steering Wheel Control (SWC)

The unit supports steering wheel controls, allowing you to manage functions like volume, track changes, and calls directly from your steering wheel.

BT Function

Built-in BT, Enjoy Wireless Streaming Music, Hands-free Calling & Navigation



Image: The car stereo displaying the Steering Learn interface, where users can configure steering wheel buttons to control various functions.

5.7 FM Radio

Access FM radio stations. You can save your favorite stations for quick access.

2.5D IPS Screen

2.5D surface effect: scratch-resistant and wear-resistant. high-definition and sensitive. the device gives you better vision especially when watch TV or movies.

9 inch

Multi Touch Screen

IPS

With HD LCD Display

2.5D

Display Screen



Image: The car stereo displaying the FM radio interface, showing frequency tuning and preset station options.

5.8 Car Reverser Camera Support

The unit supports a car reverser camera input, allowing you to view the rear of your vehicle on the screen when reversing.

Steering Wheel Control

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



Image: The car stereo screen displaying the view from a rear-view camera, complete with parking guidelines.

5.9 Video Playback and Split Screen

The system supports video playback. It also features a split-screen function, allowing you to run two applications simultaneously, such as navigation and music.

5.10 DSP Settings

The Digital Sound Processor (DSP) settings allow for audio customization, including equalizer adjustments, surround sound modes, bass boost, and bass filter options.

6. KEY FEATURES

- **9-inch 2.5D IPS Touch Screen:** Scratch-resistant, wear-resistant, high-definition, and sensitive display for improved visual experience.

Super 4-core Processor

High-speed car-level chip, equipped with four-core processor

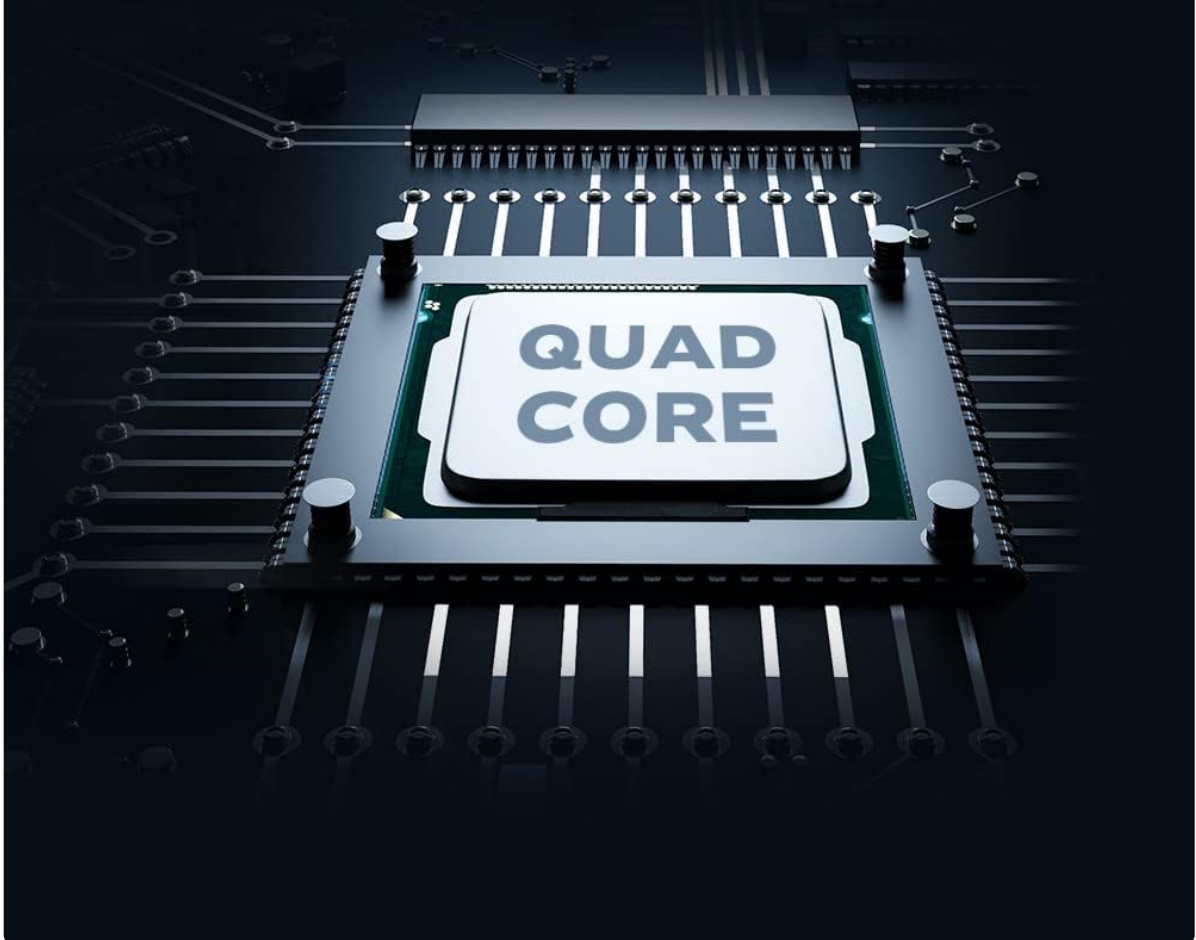


Image: A close-up of the 9-inch IPS screen, highlighting its multi-touch capability and HD LCD display.

Ultra Clear & Real Color



9 Inch

2.5D IPS

1024*600

Image: The car stereo displaying a vibrant image of dinosaurs, emphasizing its ultra-clear and real-color capabilities on

the 9-inch 2.5D IPS screen with 1024x600 resolution.

- **Super 4-core Processor:** Equipped with a high-speed car-level quad-core chip for efficient performance.

Installation Effect



Image: A stylized depiction of a quad-core processor chip, representing the high-speed processing capability of the unit.

- **Android Operating System:** Provides a versatile platform for various applications and functions.
- **Connectivity:** USB, Bluetooth, Wi-Fi.
- **Compatibility:** Specifically designed for Toyota FJ Cruiser 2006-2020 models.

7. MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the screen. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates to ensure optimal performance and access to new features.
- **General Care:** Keep the unit free from dust and debris. Avoid exposing it to direct sunlight for extended periods when parked.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your KUNFINE Android Car Stereo.

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check all power connections. Inspect vehicle fuses. Ensure car battery is charged.
No sound.	Volume too low, incorrect audio source, speaker wiring issue.	Increase volume. Select correct audio source. Check speaker connections.

Problem	Possible Cause	Solution
GPS not working or inaccurate.	GPS antenna not properly connected or positioned, no Wi-Fi for online maps.	Ensure GPS antenna has a clear view of the sky and is securely connected. Connect to Wi-Fi for online map services.
Bluetooth connectivity issues.	Device not paired, Bluetooth off, interference.	Ensure Bluetooth is enabled on both devices. Re-pair the device. Move closer to the unit.
Steering Wheel Controls not working.	Incorrect wiring, controls not configured.	Verify wiring connections. Access the 'Steering Learn' settings in the unit to configure buttons.
Reverse camera not displaying.	Camera not connected, faulty camera, incorrect wiring for reverse trigger.	Check camera input cable connection. Ensure the reverse trigger wire is correctly connected to the vehicle's reverse light circuit.
Slow performance or apps crashing.	Too many apps running, low memory.	Close unnecessary applications. Restart the unit. Consider a factory reset if issues persist (note: this will erase all data).

9. SPECIFICATIONS

Feature	Detail
Product Dimensions	16.14 x 12.99 x 3.94 inches
Item Weight	0.564 ounces
Brand	KUNFINE
Vehicle Service Type	Car (Toyota FJ Cruiser 2006-2020)
Screen Size	9 Inches
Special Feature	Bluetooth, GPS, Wi-Fi, Mirror Link, Steering Wheel Control
Connectivity Technology	USB, Bluetooth, Wi-Fi
Map Type	North America (supports various navigation apps)
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount
Resolution	1024 x 600
Operating System	Android
Processor	Quad Core
Memory/Storage	1GB RAM + 16GB ROM (specific model)

10. WARRANTY AND SUPPORT

The KUNFINE Android Car Stereo comes with a one-year warranty. For any questions, technical assistance, or warranty claims, please contact the seller directly. Your consultation is always welcomed.

Your browser does not support the video tag.

Video: An official product video from Jiaying Kunfine Auto Parts Co., Ltd. demonstrating the KUNFINE car radio for FJ Cruiser models from 2006-2020, showcasing its features and interface.