

[Manuals.plus](#) /

> [KUNFINE](#) /

> Kunfine Car Android Navigation Stereo GPS Radio User Manual

## KUNFINE 9"-Quad-Core-1G-16G

# Kunfine Car Android Navigation Stereo User Manual

Model: 9"-Quad-Core-1G-16G

For Hyundai I10 2008-2012, if Applicable

## 1. INTRODUCTION

Thank you for choosing the Kunfine Car Android Navigation Stereo. This manual provides essential information for the proper installation, operation, and maintenance of your new head unit. Please read this manual thoroughly before use to ensure optimal performance and safety.



Image: Front view of the Kunfine 9-inch Android Head Unit, displaying the main interface with navigation, radio, Bluetooth, and music

## 2. SETUP AND INSTALLATION

---

This section guides you through the process of installing your Kunfine Car Android Navigation Stereo. Professional installation is recommended.

### 2.1 Package Contents

Verify that all components are present in your package before beginning installation:

- 1x Car Android Head Unit with Mask
- 1x GPS Antenna
- 1x Power Cable (Plug & Play)
- 2x USB Port Cable
- 1x RCA Expand Cable
- 1x RCA Connector for Reverse Camera
- 1x Install Kit (GIFT)
- 1x External Mic (GIFT)
- 1x AHD 720 Reverse Camera (GIFT)

# PACKAGE CONTAINS



Android Stereo (with Frame)



AHD  
Reverse  
Camera

**GIFT**



External  
Mic

**GIFT**

If you haven't find the gifts in the package, please contact the seller!!!



Power Cable



RCA Cable



GPS Antenna



Install Kit

**GIFT**



USB Port Cable x2



CAM-IN

**What's  
in the  
package?**



Image: Visual representation of all items included in the Kunfine head unit package, including the main unit, cables, GPS antenna, and accessories.

## Package Content



9 Inch



Power Cable



Cable Plug



Camera Input



USB Cable (4 pinhole)



USB Cable (6 pinhole)



GPS Antenna



RCA Wire Harness

### GIFTS



AHD Reverse Camera



External Mic



Crowbar

Image: A detailed diagram showing each component of the package content, including the 9-inch unit, power cable, cable plug, camera input, USB cables, GPS antenna, RCA wire harness, and gift items like the AHD reverse camera, external mic, and crowbar.

## 2.2 Installation Steps

1. **Preparation:** Disconnect the vehicle's battery to prevent electrical shorts.
2. **Remove Old Unit:** Carefully remove the existing car stereo and trim.
3. **Connect Wiring:** Connect the provided power cable (Plug & Play) to the vehicle's harness. Connect the GPS antenna, USB cables, RCA cables, and reverse camera input as needed. Ensure all connections are secure.
4. **Mounting:** Secure the new Kunfine head unit into the dashboard opening using the provided install kit.
5. **Test Functionality:** Before fully reassembling the dashboard, reconnect the battery and test all functions (power, audio, display, navigation, camera, etc.).
6. **Final Assembly:** Once confirmed operational, reassemble the dashboard trim.

# Installation Effect



Before Installation



After Installation

Image: A side-by-side comparison showing the car dashboard before and after the installation of the Kunfine 9-inch Android head unit, demonstrating a seamless fit.

## 3. OPERATING INSTRUCTIONS

This section covers the primary functions and operations of your Kunfine Android Navigation Stereo.

### 3.1 Basic Navigation

The 9-inch IPS touchscreen allows for intuitive control. Navigate through menus by tapping icons. Swipe gestures can be used for scrolling.

### 3.2 GPS Navigation

The unit supports various navigation applications based on the Android system. Pre-installed or downloadable apps like Google Maps, iGO, and Waze can be used for turn-by-turn directions. Ensure the GPS antenna is properly connected for accurate positioning.

# GPS NAVIGATION



Based on Android System, plenty of navigation APPs available such as Go\*gle map; Wa\*e; IG\*.  
If you choose the version with CarPlay & Android Auto, you can use that to navigate, too.  
(Some apps need Internet)



SHOP



NEVER LOST

Image: An illustration highlighting the GPS navigation capability, showing various navigation app icons and a car navigating on a map displayed on the head unit screen.

# Ultra Clear & Real Color



9 Inch

2.5D IPS

1024\*600

Image: A graphic demonstrating the head unit's support for multiple navigation applications, including Google Maps, iGO, Waze, and others, with the unit displaying a map.

### 3.3 Mirror Link / CarPlay / Android Auto

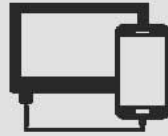
The unit supports Mirror Link functionality, allowing you to display your phone screen on the head unit. Wireless Mirror Link is available for iOS devices, and wired for Android. Certain versions of the unit may also support CarPlay and Android Auto for seamless smartphone integration.

# CONNECT TO YOUR PHONE

## Your Great Helpful Co-Driver



CarPlay



Mirror Link



Android Auto

If you have ever experienced Carplay or Android Auto, you must know their convenience; If you have never used this function, try it. Just connect your phone to the device through simple operations, and access the APP through voice assistant operations, bringing you unparalleled convenience and security.

**NOTE: 9" Quad Core 1G + 16G & 9" Quad Core 2G + 32G DO NOT equipped with CarPlay & Android Auto function!!!**



\*iPhone: Wireless CarPlay & Mirror Link

\*Android Phone: Wired Android Auto & Mirror Link

Image: A visual explaining the "Connect to Your Phone" features, including CarPlay, Mirror Link, and Android Auto, showing how a smartphone screen can be mirrored or integrated with the head unit.

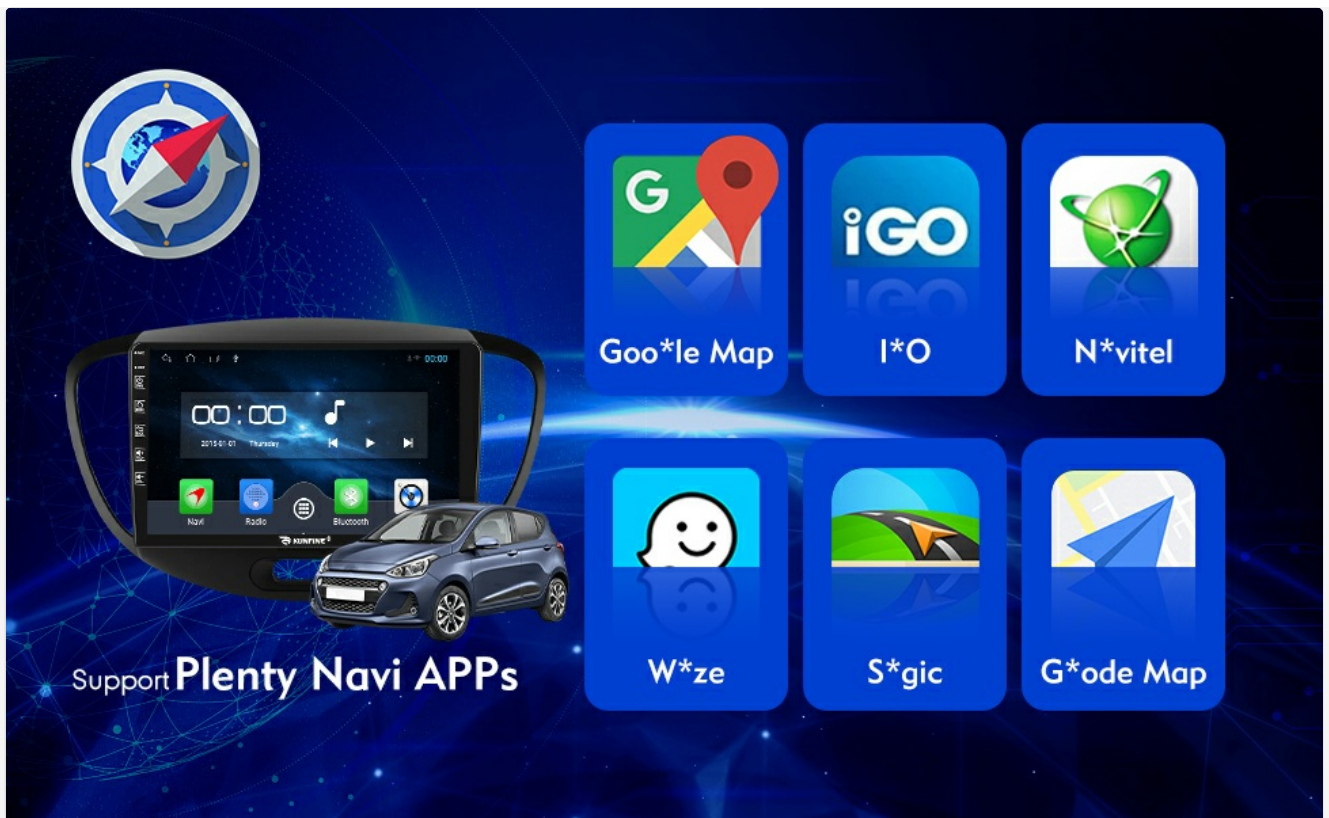


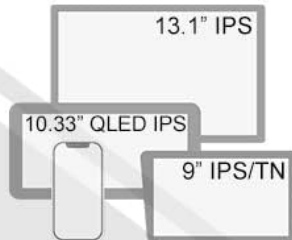
Image: A graphic illustrating the integration of CarPlay and Android Auto, showing the familiar interfaces of these systems on the head unit screen.

### 3.4 Music and Radio

Enjoy your favorite music and radio stations. The unit features a high-specification radio module for clear reception and supports various audio formats for media playback. Multi-EQ Bands are available for sound adjustment.

# REAL COLOR ULTRA CLEAR

## MULTI OPTIONS



Screen Size:  
13.1"(11.06"x6.89")  
10.33"(9.21"x4.13")  
9":(7.67"x4.4")

Manual measurement may have errors

Full Touch  
Anti-Scrath  
IPS (9" 1G+16G is NOT IPS)  
Resolution:  
13.1"(1920\*1200)  
10.33"(1600\*720)  
9":1280\*720(1G+16G is 1024\*600)



*Choose the suitable one yourself*

Image: A diagram detailing the radio function with high search sensitivity and EQ equalization options, along with information on the professional DSP chip for sound quality.

# Music & Radio

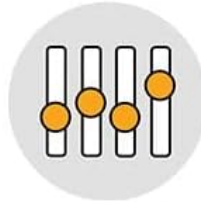
## Radio Function



High specification radio module, high search sensitivity, low noise. The radio reception effect is limited by the change of environment, especially when driving at high speed, the effect is obviously better than that of the original vehicle radio.



## EQ Equalization



Multi-EQ Bands available. adjust the sound as you wish!

## DSP

## Professional DSP Chip Creating Shocking Sound Quality

Only good hardware can create good sound quality. Professional power amplifier IC chips are used to achieve your ideal sound quality! \*NOTE: Only Octa Core Version Support DSP function\*

Image: The head unit displaying a music playback interface, showing song titles, playback controls, and an equalizer visualization.

## 3.5 Bluetooth (BT 4.0)

Connect your smartphone via Bluetooth 4.0 for hands-free calling and audio streaming. Pair your device through the Bluetooth settings menu on the head unit.



Image: An icon representing Bluetooth 4.0, with a phone displaying a Bluetooth call screen and music playback, indicating hands-free and audio streaming capabilities.

### 3.6 Steering Wheel Control (SWC)

If your vehicle supports it, connect the steering wheel control wires to the head unit to operate functions like volume, track change, and call answering directly from your steering wheel.



Image: An icon representing Steering Wheel Control (SWC), showing a steering wheel with various control functions highlighted, indicating remote operation of the head unit.

### 3.7 Reverse Camera Input

The unit includes an RCA connector for a reverse camera. When connected, the display automatically switches to the camera view when the vehicle is put into reverse, aiding in parking and maneuvering.

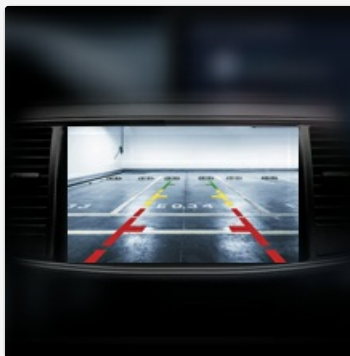


Image: An icon representing the reverse camera feature, showing a car's rear view with parking guidelines displayed on the head unit screen.

## 4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Kunfine head unit.

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. For stubborn smudges, a slightly damp cloth with a mild, non-abrasive cleaner suitable for electronics can be used. Avoid harsh chemicals.
- **Temperature:** Do not expose the unit to extreme temperatures.
- **Software Updates:** Periodically check for software updates to ensure the best performance and access to new features. Updates can typically be found on the manufacturer's official website or through the unit's system settings if connected to Wi-Fi.

## 5. TROUBLESHOOTING

This section addresses common issues you might encounter. If problems persist, please contact customer support.

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
No Power	Loose power connection, blown fuse, vehicle battery issue.	Check power cable connections. Inspect vehicle fuses. Ensure car battery is charged.
No Audio Output	Speaker wires disconnected, incorrect wiring, volume too low, mute enabled.	Verify all speaker wire connections. Check wiring diagram for correct connections. Increase volume. Disable mute function.
GPS Signal Lost / Inaccurate	GPS antenna not properly connected or obstructed.	Ensure GPS antenna is securely connected and placed in a clear line of sight (e.g., on the dashboard).
Touchscreen Unresponsive	Software glitch, screen protector interference.	Restart the unit. If a screen protector is installed, ensure it is applied correctly or remove it for testing.
Bluetooth Pairing Issues	Device not in pairing mode, incorrect PIN, interference.	Ensure both devices are in pairing mode. Re-enter PIN. Move closer to the unit.

For more complex issues or if the above solutions do not resolve the problem, please refer to the [Warranty and Support](#) section for contact information.

## 6. SPECIFICATIONS

Key technical specifications for the Kunfine 9"-Quad-Core-1G-16G Android Navigation Stereo:

Feature	Detail
Model	9"-Quad-Core-1G-16G
Display Size	9 Inches
Resolution	1024 x 600
Operating System	Android
Connectivity Technology	USB, Bluetooth, Wi-Fi
Map Type	North America (pre-installed/supported)
Audio Output Mode	Stereo
Mounting Type	Panel Mount
Voice Command	Touchscreen, Touch Pad

# Version Parameter Comparison

Size	9"	9"	10.33"	10.33"
CPU	Quad Core	Octa Core	Quad Core	Octa Core
RAM+ROM	1G+16G/2G+32G	3G+32G/4G+64G/6G+128G	1G+32G	2G+32G/4G+64G/6G+128G
OS	Android	Android	Android	Android
Resolution	1024*600/1280*720	1280*720	1600*720	1600*720
CarPlay	Optional	Wireless	Wireless	Wireless
Android Auto	Optional	Wired	Wired	Wired
Screen	TN/IPS	IPS	QLED	QLED
Network	WiFi	4G+WiFi	WiFi	4G+WiFi
BT	4.0	5.0	4.0	5.0
Reverse Cam(Aftermarket)	Support	Support	Support	Support
360 Camera	NO	Optional	NO	Optional
DVR	Optional	Optional	Optional	Optional
DSP	NO	YES	NO	YES
RDS	NO	YES	NO	YES
Radio	FM	FM&AM(6G+128G)	FM	FM&AM(6G+128G)
Multimedia	Video+Music	Video+Music	Video+Music	Video+Music
Positioning Module	GPS	GPS&GLONASS	GPS	GPS&GLONASS

**13.1"  
COMING  
SOON**

Image: A detailed table comparing various versions of the Kunfine head unit, showing differences in CPU, RAM+ROM, OS, Resolution, CarPlay/Android Auto support, screen type, network, BT version, and other features. This specific model is the 9" Quad Core 1G+16G.



Image: A graphic illustrating different screen size and display options available for Kunfine head units, including 9" IPS/TN, 10.33" QLED, and 13.1" IPS, along with their respective resolutions. This manual focuses on the 9" IPS model with 1024x600 resolution.

## 7. WARRANTY AND SUPPORT

Your Kunfine Car Android Navigation Stereo comes with a comprehensive warranty and dedicated customer support.

- **Warranty:** The product is covered by a one-year warranty (non-human damage).
- **After-Sales Support:** After-sales service is guaranteed. If you have any questions, concerns, or require assistance, please contact the seller directly for support. Your consultation is always welcomed.

# Professional After-sales Service



## FCC SUPPLIER'S DECLARATION OF CONFORMITY

Certificate Number: HTT202107454F  
 Product Name: Car Stereo  
 Company Name: Jiaxing Kunfine Auto Parts Co., Ltd  
 Company Address: Room1918, HuaLong Plaza Building 2, NO. 56 Qinyi road, Nanhui, Jiaxing City, Zhejiang Province, China  
 Model No.: KF-V8K43Q, KF-S\*\*\*\*\*9-06-0 And A-2i  
 Trade Mark: KUNFINE

Applicable standard: FCC CFR Title 47 Part 15 Subpart B.2017  
 The products comply with the FCC regulations and the electromagnetic compatibility evaluation requirements.


The test result has been evaluated by Shenzhen HTT Technology Co., Ltd laboratory and showed in the test report

The test report number: HTT202107454FR

It is understood that each unit marketed is identical to the device as tested, and any changes to the device that could adversely affect the emission characteristics will require retest.

The following responsible party designated in FCC §2.909 is responsible for this declaration:



Authorized Signer: *Kevin Yang*   
 KevinYang/Seal

Date: Jul 30, 2021

Shenzhen HTT Technology Co., Ltd. Web: www.httprc.com

TEL: 0755-23592200 FAX: 0755-23592201 Hotline: 400-6655-351 Mail: info@httprc.com  
 1F, B Building, Huaifeng International Robotics Industrial Park, Gonghu, Xixiang Street, Bao'an District, Shenzhen, China



## EC-RED CERTIFICATE

Opinion Number: HTT202107454

Applicant:	Jiaxing Kunfine Auto Parts Co., Ltd
Address:	Room1918, HuaLong Plaza Building 2, NO. 56 Qinyi road, Nanhui, Jiaxing City, Zhejiang Province, China
Manufacturer:	Jiaxing Kunfine Auto Parts Co., Ltd
Address:	Room1918, HuaLong Plaza Building 2, NO. 56 Qinyi road, Nanhui, Jiaxing City, Zhejiang Province, China
Product:	Car Stereo
Model:	KF-V8K43Q, KF-S*****9-06-0 And A-2i
Trade Mark:	KUNFINE
Test Lab:	Shenzhen HTT Technology Co., Ltd.
Date of Issue:	Jul 30, 2021

Essential requirements	Specifications / Standards	Report Number	Result
Health and Safety, Article 3.1 a)	EN IEC 62311-2020	HTT202107454H	Compliant
	EN 62368-1:2014-A11:2017	HTT202107454S	
EMC, Article 3.1 b)	ETSI EN 301 489-1 V2.3.3 (2019-11)	HTT202107454E-1	Compliant
	ETSI EN 301 489-17 V3.2.4 (2020-09)	HTT202107454E-2	
Radio Spectrum, Article 3.2	ETSI EN 300 328 V2.2.2 (2019-07)	HTT202107454E-3	Compliant
	ETSI EN 303 413 V1.1.1 (2017-06)	HTT202107454E-4	
		HTT202107454E-5	

Our opinion in accordance with directive 2014/53/EU(RED) on radio equipment and telecommunication equipment and the mutual recognition of their conformity is that the apparatus identified above complies with the requirements of that directive stated above.

Marking: It is recommended that the product bear the CE mark, only when all the essential requirements have been met.

Authorized by: *Kevin Yang*   
 Kevin Yang, Technical Director



Shenzhen HTT Technology Co., Ltd. Web: www.httprc.com

TEL: 0755-23592200 FAX: 0755-23592201 Hotline: 400-6655-351 Mail: info@httprc.com  
 1F, B Building, Huaifeng International Robotics Industrial Park, Gonghu, Xixiang Street, Bao'an District, Shenzhen, China

# Multi Certificate

# Professional Auto Parts Supplier

Image: Certificates for the Kunfine product, including FCC and EC-RED, indicating compliance with international standards.



**KUNFINE**  
DRIVING WITH FUN

Professional Car Tuning Parts And Accessories Supplier



FCC

CE

ROHS

Image: A banner highlighting Kunfine as a "Professional Car Tuning Parts And Accessories Supplier" with various certifications like FCC, CE, and ROHS displayed.