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> KUNFINE 10.25-inch Android Head Unit User Manual for Audi Q7 (2010-2015 MMI 3G)

## KUNFINE Octa Core 4G+32G

# KUNFINE 10.25-inch Android Head Unit User Manual

Model: Octa Core 4G+32G for Audi Q7 (2010-2015 MMI 3G)

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your KUNFINE 10.25-inch Android Head Unit. This device is designed to upgrade the infotainment system in specific Audi Q7 models, offering advanced features such as CarPlay, Android Auto, GPS navigation, and multimedia playback.

Please read this manual thoroughly before installation and use to ensure proper function and to maximize your experience with the product.



Image 1.1: KUNFINE 10.25-inch Android Head Unit, showcasing its integration into an Audi Q7 dashboard. The unit replaces the original display, offering a larger screen and modern interface.

## 2. COMPATIBILITY AND PRE-INSTALLATION CHECK

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This KUNFINE Android Head Unit is specifically designed for the Audi Q7 model years 2010-2015 equipped with the MMI

3G system. It is crucial to verify your vehicle's MMI system type before proceeding with installation.

**Please check the pictures below carefully and choose the correct one for your car!!!**



**ATTENTION PLEASE!!!**  
If your original unit 's system is MMI 2G Basic version like the pic shows (No color screen like above, size is smaller), the unit will not work with your car!!!

**The unit is NOT compatible with Q7 equips with this analog screen**

Image 2.1: Visual guide for distinguishing between Audi Q7 MMI 2G (2005-2009) and MMI 3G (2010-2015) systems. The MMI 3G system typically features a larger, color display, while MMI 2G Basic versions may have a smaller, monochrome screen. This unit is compatible only with MMI 3G.

**Important: This unit is NOT compatible with Audi Q7 models equipped with MMI 2G Basic version (small, analog screen). Installation in an incompatible vehicle may result in malfunction or damage.**

### 3. PACKAGE CONTENTS

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

- 1x KUNFINE 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 (Tools for installation)
- 1x External Microphone
- 1x AHD 720 Reverse Camera

## 4. SETUP AND INSTALLATION

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Installation of this head unit requires technical knowledge and experience with automotive electronics. Professional installation is highly recommended to prevent damage to the unit or your vehicle's electrical system.

### 4.1. Wiring Diagram Overview

Refer to the following diagram for a general understanding of the wiring connections. Specific steps for dashboard disassembly and reassembly are not covered in this manual and should be referenced from a vehicle-specific service guide or professional installer.



1	GPS Antenna	Put it on the dashboard.
2	4G Antenna	Put it on the dashboard.
3	External Microphone	Not need to use. The unit has built-in Mic.
4	Mini Speaker	Used to play sound of Navigation/Bluetooth phone call
5	LVDS Port	Connect to the original LVDS cable which is removed from original display screen.
6	Power/Audio Adapter	Connect to the original car harness and head unit.
7	OBD Port	Connect to the OBD port under the steering wheel.
8	USB port	Put them in the glove box on passenger side.
9	CANBUS Adapter	Behind the A/C control panel.
10	GND	Not need to use.
11	CCD-12V	Used to provide power for aftermarket backup camera.
12	BACK	Reverse trigger wire for aftermarket backup camera if the car has manual transmission. Not need to use if the car has auto transmission.
13	ACC-IN	Not need to use.
14	CAMERA	Video input for aftermarket backup camera
15	F VIDEO IN	Video input for aftermarket front view camera
16	Adapter for panel buttons	Connect to the original car harness of panel buttons.
17	Plug for Fiber-Optic MOST Adapter	For MMI 2G system. Not need to use if the car has MMI 3G system.

Image 4.1: Detailed wiring diagram for the KUNFINE Android Head Unit, showing connections for GPS antenna, 4G antenna, external microphone, mini speaker, LVDS port, power/audio adapter, USB ports, CANBUS adapter, GND, CCD-12V, BACK, ACC-IN, CAMERA, VIDEO IN, Adapter for original buttons, and Plug for Fiber-Optic MOST Adapter. Each connection is numbered and described in the accompanying table.

## 4.2. Connection Guide

No.	Component	Description
1	GPS Antenna	Place on the dashboard for optimal signal reception.
2	4G Antenna	Not used if the unit has built-in 4G.
3	External Microphone	Used for clear sound during navigation and Bluetooth phone calls.

No.	Component	Description
4	Mini Speaker	Used to play sound for navigation/Bluetooth phone calls.
5	LVDS Port	Connect to the original LVDS cable which is removed from the original display screen.
6	Power/Audio Adapter	Connect to the original car harness and head unit.
7	USB Port	Connect to the OBD port under the steering wheel.
8	USB Port	Place in the glovebox on the passenger side.
9	CANBUS Adapter	Behind the A/C control panel.
10	GND	Not needed to use.
11	CCD-12V	Used to provide power for the aftermarket backup camera.
12	BACK	Reverse trigger wire for aftermarket camera if the car has manual transmission.
13	ACC-IN	Not needed to use if the car has auto transmission.
14	CAMERA	Video input for aftermarket backup camera.
15	F VIDEO IN	Video input for aftermarket front view camera.
16	Adapter for original buttons	Connect to the original car harness of panel buttons.
17	Plug for Fiber-Optic MOST Adapter	For MMI 2G system. Not needed to use if the car has MMI 3G system.

**Note on Original Backup Camera:** The unit supports aftermarket RCA type backup cameras. Compatibility with original factory backup cameras cannot be guaranteed. Please inquire with the seller before purchase if this is a critical function for your vehicle.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Basic Operation

The head unit operates on an Android system, providing a familiar touchscreen interface. Power on/off is typically controlled by the vehicle's ignition. Navigate through menus and applications using the capacitive multi-touch screen.

# Android System



Image 5.1: The Android system interface displayed on the KUNFINE head unit, illustrating access to various applications such as Spotify, Netflix, YouTube, and navigation apps. This demonstrates the unit's capability to run a wide range of Android applications.

## 5.2. CarPlay and Android Auto

The unit features built-in Wireless CarPlay and Android Auto for seamless smartphone integration.

# Wireless Carplay & Android Auto



## CarPlay

### Wireless & wired connections

1. Bluetooth connection between car stereo and smart phone
2. Turn on App "Zlink5" on car stereo
3. Enjoy Wireless Apple Carplay



## Android Auto

### Wireless & wired connections

1. Download Android Auto app on your phone
2. Bluetooth connection between car stereo and smart phone
3. Turn on App "Zlink5" on car stereo
4. Enjoy Wireless Android Auto (Not supported samsung phones)



Image 5.2: Step-by-step guide for connecting Wireless CarPlay and Android Auto. For CarPlay, connect via Bluetooth, then open the "Zlink5" app on the car stereo. For Android Auto, download the app on your phone, connect via Bluetooth, and then open "Zlink5" on the car stereo. Note: Some Samsung phones may not be supported for wireless Android Auto.

#### • Wireless CarPlay:

1. Establish a Bluetooth connection between your iOS device and the car stereo.
2. Open the "Zlink5" application on the car stereo.
3. Enjoy Wireless Apple CarPlay functionality.

#### • Wireless Android Auto:

1. Download the Android Auto app on your Android phone.
2. Establish a Bluetooth connection between your Android device and the car stereo.
3. Open the "Zlink5" application on the car stereo.
4. Enjoy Wireless Android Auto functionality. (Note: Some Samsung phones may not be supported for wireless connection.)

Using voice assistants (Siri or Google Assistant) through CarPlay/Android Auto allows for hands-free control of navigation, music, and calls, enhancing driving safety.

### 5.3. Navigation

The unit supports various navigation applications. You can download and use your preferred GPS apps from the Android Play Store.



Image 5.3: The KUNFINE head unit displaying a navigation application with voice command prompts. The image highlights the ability to use various navigation apps and interact with them using voice commands like "Hey Siri, navigate to the park" or "Play some pop music."

### 5.4. Bluetooth and Wi-Fi

- **Bluetooth:** Connect your mobile phone via Bluetooth for hands-free calling and stereo music playback.
- **Wi-Fi:** The unit has internal Wi-Fi and supports Wi-Fi hotspot sharing, allowing you to connect to the internet for app downloads, streaming, and online navigation.

### 5.5. Steering Wheel Control and Original Car Settings

The unit is designed to integrate with your vehicle's existing steering wheel controls, allowing you to manage audio, calls, and other functions without taking your hands off the wheel. It also maintains the functionality of original car features.

## Support Original Car Settings



Steering  
Wheel Control



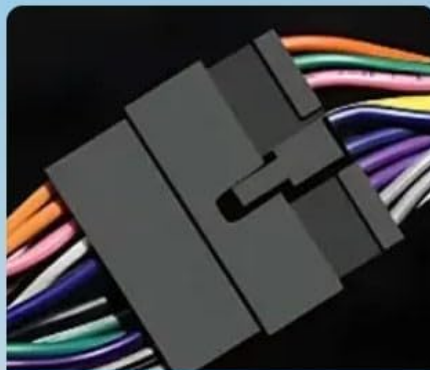
Original Car  
Knob Control



Original  
Rear Camera



Maintain  
The Original System



Keep Original CD



Keep  
Original Stereo

Image 5.4: Collage demonstrating the KUNFINE head unit's compatibility with original Audi Q7 features, including steering wheel control, original car knob control, original rear camera, maintaining the original system, keeping the original CD player, and retaining the original stereo functionality.

The system is designed to maintain the original car's system, including the original CD player and stereo, ensuring that no existing functionality is lost.

### 5.6. Rear View Camera

The package includes an AHD 720 reverse camera. Connect it to the designated video input for automatic display when reversing. The unit also supports optional 360-degree camera systems.

# 360 Rear View Camera

(Optional)



Image 5.5: Illustration of an optional 360-degree rear view camera system, showing front, back, left, and right camera views integrated with the KUNFINE head unit display. This system provides a comprehensive view around the vehicle for enhanced parking and maneuvering.

## 6. SPECIFICATIONS

The KUNFINE Android Head Unit offers the following technical specifications:

- **CPU:** Octa Core
- **Operating System:** Android System
- **RAM:** 4GB
- **ROM:** 32GB
- **Display Size:** 10.25 Inches
- **Screen Resolution:** 1920\*720 (Ultra high resolution, approximately 1,368,000 pixels)
- **Touch Screen Type:** Capacitive multi-touch screen
- **Connectivity:** USB input, Internal Bluetooth, Internal WIFI, Wi-Fi hotspot sharing

- **Smartphone Integration:** Built-in CarPlay & Android Auto, Mirror Link (Android and iOS)
- **Audio Playback:** Supports all formats of audio playback
- **Video Input:** Supports USB interface camera, USB DVR, aftermarket RCA type backup camera, aftermarket front view camera
- **Control:** Supports steering wheel control, original car knob control
- **OSD Language:** English, French, German, Spanish, Italian, and over 20 other languages
- **Item Weight:** Approximately 5 pounds
- **Package Dimensions:** Approximately 20 x 15 x 10 inches

## Resolution comparison



Image 6.1: A visual comparison highlighting the superior resolution of the KUNFINE head unit (1920x720 pixels) compared to standard displays (1280x480 pixels). The higher resolution provides approximately 120% more pixels for a clearer and more vibrant display.

## 7. MAINTENANCE

To ensure the longevity and optimal performance of your KUNFINE Android Head Unit, follow these maintenance

guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the 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 and install available software updates to ensure the system runs efficiently and securely. Updates may include performance improvements and new features.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme heat or cold for extended periods, as this can affect electronic components and screen performance.
- **Protect from Liquids:** Prevent liquids from coming into contact with the unit to avoid electrical damage.

## 8. TROUBLESHOOTING

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This section addresses common issues you might encounter. If you experience problems not listed here, please contact customer support.

- **No Sound:**
  - Check volume settings on both the head unit and your connected device (if using Bluetooth/CarPlay/Android Auto).
  - Ensure all audio cables are securely connected.
  - Verify that the correct audio source is selected on the head unit.
  - If using Bluetooth, try disconnecting and re-pairing your device.
- **CarPlay/Android Auto Not Connecting:**
  - Ensure Bluetooth is enabled and paired correctly.
  - Confirm the "Zlink5" app is open on the head unit.
  - Check your phone's settings for CarPlay/Android Auto permissions.
  - Restart both your phone and the head unit.
  - For Android Auto, ensure the app is installed and updated on your phone.
- **Unit Does Not Power On:**
  - Verify all power connections are secure.
  - Check vehicle fuses related to the stereo system.
  - Ensure the vehicle's ignition is on.
- **Touchscreen Unresponsive:**
  - Perform a soft reset of the unit (refer to the device settings for a restart option, or turn off the vehicle ignition for a few minutes).
  - Ensure the screen is clean and free of debris.

## 9. WARRANTY AND SUPPORT

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Your KUNFINE Android Head Unit comes with **one-year warranty** covering non-human damage. For any questions, technical assistance, or warranty claims, please contact the seller directly. Your consultation is always welcomed.

Please retain your proof of purchase for warranty purposes.



