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> KUNFINE 12.3-inch Android Car Stereo with CarPlay and Android Auto for Audi Q5 2010-2017 (MMI 3G) - Instruction Manual

## KUNFINE Octa Core 8G+128G

# KUNFINE 12.3-inch Android Car Stereo for Audi Q5 (2010-2017 MMI 3G) - Instruction Manual

Model: Octa Core 8G+128G

## 1. PRODUCT OVERVIEW

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This manual provides detailed instructions for the installation, operation, and maintenance of your KUNFINE 12.3-inch Android Car Stereo. This advanced head unit is designed specifically for Audi Q5 models manufactured between 2010 and 2017, equipped with the MMI 3G system. It integrates modern features such as Android Auto, Apple CarPlay, GPS navigation, and multimedia playback, enhancing your driving experience.



Figure 1.1: KUNFINE 12.3-inch Android Car Stereo with included components such as the display unit, AHD camera, microphone, installation tool, and a smartphone illustrating CarPlay/Android Auto functionality.

## 2. WHAT'S IN THE BOX

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Please verify that all items listed below are present in your package:

- 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)

## 3. SETUP AND INSTALLATION

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This head unit is compatible with Audi Q5 models from 2010-2017 that feature the MMI 3G system. Professional installation is recommended. Ensure the vehicle's ignition is off and the battery is disconnected before beginning installation.

### 3.1 Compatibility Check

Before installation, confirm your Audi Q5's original system is compatible. Refer to the image below to identify the correct system type.



**Figure 3.1:** Comparison of the dashboard before and after installation, and a guide to identify compatible Audi multimedia systems. Ensure your vehicle has the 'Audi multimedia' system for compatibility.

### 3.2 Wiring Connections

1. **Power Cable:** Connect the provided plug-and-play power cable to the vehicle's harness.
2. **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield, and connect it to the head unit.
3. **USB Port Cables:** Route the USB cables to a convenient location (e.g., glove compartment) for connecting external devices.
4. **RCA Cables:** Connect the RCA expand cable for additional audio/video inputs/outputs.
5. **Reverse Camera:** Connect the RCA connector for the reverse camera to the head unit and install the AHD 720 reverse camera at the rear of the vehicle.
6. **External Microphone:** Connect the external microphone for improved voice command and call quality.

### 3.3 Initial Power-Up

After all connections are secure, reconnect the vehicle battery and turn on the ignition. The unit should power on and display the Android system interface.

## 4. OPERATING INSTRUCTIONS

The KUNFINE Android Car Stereo operates on an Android system, providing access to various applications and features.



Figure 4.1: The Android system interface displaying various applications such as YouTube, Spotify, and navigation tools.

### 4.1 Apple CarPlay and Android Auto

The unit supports both wireless and wired connections for Apple CarPlay and Android Auto.

# Wireless Carplay & Android Auto



Figure 4.2: Step-by-step guide for connecting wireless Apple CarPlay and Android Auto, including Bluetooth pairing and using the 'zlink5' application.

## 4.1.1 Wireless Apple CarPlay Connection

1. Establish a Bluetooth connection between the car stereo and your iPhone.
2. Open the 'zlink5' application on the car stereo.
3. Enjoy wireless Apple CarPlay.

## 4.1.2 Wireless Android Auto Connection

1. Download the Android Auto app on your Android phone.
2. Establish a Bluetooth connection between the car stereo and your Android phone.
3. Open the 'zlink5' application on the car stereo.
4. Enjoy wireless Android Auto (Note: Samsung phones may not be supported for wireless Android Auto).

## 4.2 Navigation

The unit supports various navigation applications. You can use voice commands for navigation and other functions.



Figure 4.3: Display showing various navigation applications and examples of voice commands for navigation and music playback.

### 4.3 Multimedia Playback

Play audio and video files in various formats via USB input or stream music via Bluetooth from your mobile phone. The internal WIFI allows for internet access and hot-spot sharing.

### 4.4 Steering Wheel Control (SWC)

The unit supports the vehicle's original steering wheel control functions, allowing you to manage media and calls safely.

# Support Original Car Settings



Steering Wheel Control Function



Original CD Player



Amplifier System



Original Radio



Backup Camera Display



Original Bluetooth

**Figure 4.4:** Illustrations of the head unit's compatibility with original car features such as steering wheel controls, amplifier system, original radio, Bluetooth, and backup camera display.

## 4.5 Rear View Camera

The system supports a car rear view camera (aftermarket RCA type). An AHD 720 reverse camera is included as a gift. The unit also supports optional 360-degree rear view camera systems.

# 360 Rear View Camera

(Optional)



Figure 4.5: Diagram illustrating the concept of an optional 360-degree rear view camera system with views from left, right, front, and back cameras.

## 5. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for and install available software updates to ensure the system runs efficiently and has the latest features.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.

## 6. TROUBLESHOOTING

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

- **No Power:** Check all power cable connections. Ensure the vehicle's battery is properly connected and charged.
- **No Sound:** Verify speaker connections. Check volume levels on both the head unit and any connected devices.

Ensure the correct audio source is selected.

- **GPS Signal Loss:** Ensure the GPS antenna is correctly installed and has a clear view of the sky.
- **CarPlay/Android Auto Connection Issues:** Re-establish Bluetooth connection. Ensure the 'zlink5' app is running. Check your phone's settings for compatibility and permissions.
- **Touchscreen Unresponsive:** Perform a soft reset of the unit (refer to the device settings for a reset option, or disconnect/reconnect power if necessary).

For persistent issues, please contact KUNFINE customer support.

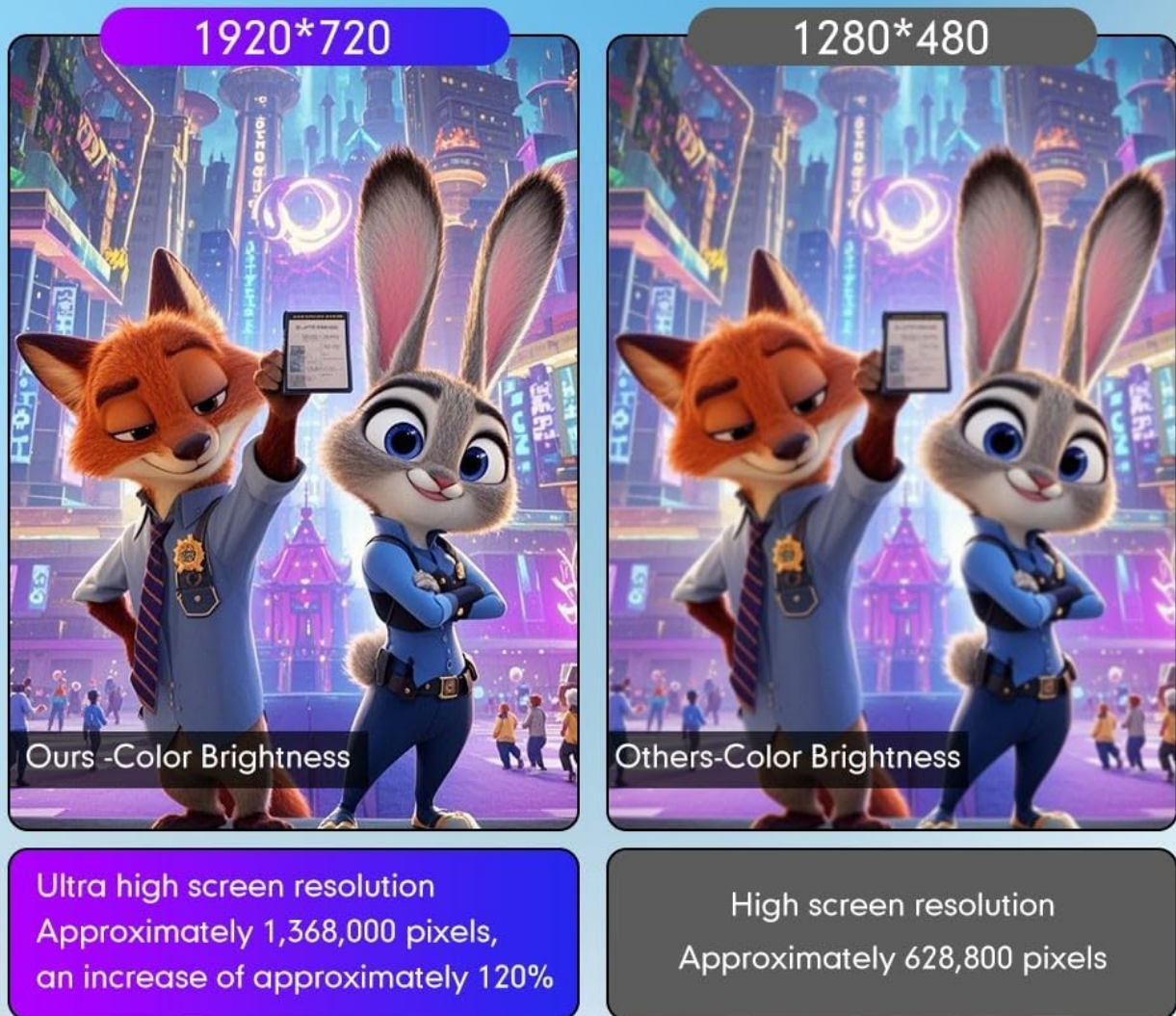
## 7. SPECIFICATIONS

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Detailed technical specifications for the KUNFINE 12.3-inch Android Car Stereo:

<b>Display Size</b>	12.3 Inches
<b>Operating System</b>	Android
<b>CPU</b>	Octa Core
<b>RAM</b>	8 GB
<b>ROM</b>	128 GB
<b>Connectivity Technology</b>	USB, Bluetooth, Wi-Fi
<b>Special Features</b>	Voice Control, Smartphone Integration (CarPlay/Android Auto), Multi-touch IPS Display, Steering Wheel Control Support
<b>Map Type</b>	North America (Pre-installed or compatible)
<b>Mounting Type</b>	Dashboard Mount

# Resolution comparison



**Figure 7.1:** Comparison illustrating the higher resolution (1920x720) of this unit compared to standard displays (1280x480), resulting in approximately 120% more pixels.

## 8. WARRANTY AND SUPPORT

### 8.1 Warranty Information

This product comes with a one-year warranty covering manufacturing defects. The warranty does not cover damage caused by improper installation, misuse, or accidental damage.

### 8.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact the seller, Jiaying Kunfine Auto Parts Co., Ltd., directly. Your consultation is always welcomed.