

## KUNFINE 12.3-inch Octa Core 8GB RAM 128GB ROM

# KUNFINE 12.3" Android Car Stereo with CarPlay & Android Auto for BMW X3 E83 (2006-2010) - User Manual

Model: 12.3-inch Octa Core 8GB RAM 128GB ROM | Brand: KUNFINE

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your KUNFINE 12.3-inch Android Car Stereo. This unit is specifically designed for BMW X3 E83 models manufactured between 2006 and 2010. Please read this manual thoroughly before installation and use to ensure proper functionality and to maximize your product experience.

## 2. PRODUCT OVERVIEW

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### 2.1 Key Features

- **Operating System:** Android System
- **Processor:** Octa Core CPU
- **Memory:** 8GB RAM, 128GB ROM
- **Display:** 12.3-inch IPS Touchscreen, Full HD
- **Connectivity:** Built-in Wireless CarPlay & Android Auto, Bluetooth, Wi-Fi, USB input
- **Navigation:** Integrated GPS with support for various navigation applications
- **Multimedia:** Supports all formats of audio and video playback
- **Vehicle Integration:** Supports original steering wheel control, iDrive control, and retains original car system functions.
- **Camera Support:** Supports USB interface camera, USB DVR, and aftermarket RCA type backup cameras. Optional 360-degree rear view camera support.
- **Language Support:** English, French, German, Spanish, Italian, and over 20 other languages.

## 2.2 Included Components

The product package contains the following items:

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



Image: Overview of the components included in the product package, such as the head unit, cables, antennas, and accessories.

## 3. SETUP AND INSTALLATION

Installation of this car stereo requires technical knowledge and experience with car electronics. It is highly recommended to have the unit installed by a qualified professional to avoid damage to the product or your vehicle.

### **3.1 Pre-Installation Checks**

- Ensure the vehicle's ignition is off and the battery is disconnected before starting installation.
- Verify all included components are present as listed in Section 2.2.
- Confirm compatibility with your BMW X3 E83 (2006-2010) model.

### **3.2 Installation Steps (General Guidance)**

1. Carefully remove the original car stereo unit and trim panels. Refer to your vehicle's service manual for specific instructions.
2. Connect the provided power cable to the vehicle's wiring harness. This is typically a plug-and-play connection.
3. Connect the GPS antenna, USB cables, RCA cables, and reverse camera connector to the corresponding ports on the new head unit.
4. Mount the new KUNFINE head unit into the dashboard opening. Ensure all cables are properly routed and secured to prevent pinching or damage.
5. Reconnect the vehicle's battery and test the unit's functionality before fully reassembling the dashboard.
6. Reinstall all trim panels.

# Installation Effect



Before Installation

After Installation

Image: A visual comparison showing the car's dashboard before and after the KUNFINE Android Car Stereo is installed, demonstrating the integrated appearance.

## 4. OPERATING INSTRUCTIONS

### 4.1 Basic Operation

- **Power On/Off:** The unit typically powers on with the vehicle's ignition. Press and hold the power button (if available) for manual control.
- **Touchscreen:** Navigate the Android interface using the capacitive multi-touch screen.
- **Volume Control:** Adjust volume using the on-screen controls, steering wheel controls, or the vehicle's original volume knob.



Image: A visual representation of the Android system interface on the car stereo display, showing various application icons.

## 4.2 CarPlay & Android Auto

The unit supports both wireless and wired connections for Apple CarPlay and Android Auto, allowing seamless integration with your smartphone.

### 4.2.1 Wireless Apple CarPlay

1. Ensure Bluetooth is enabled on your iPhone and the car stereo.
2. Pair your iPhone with the car stereo via Bluetooth.
3. Open the "Zlink5" application on the car stereo.
4. Follow the on-screen prompts to initiate Wireless Apple CarPlay.

### 4.2.2 Wireless Android Auto

1. Download the Android Auto app on your smartphone.
2. Ensure Bluetooth is enabled on your Android phone and the car stereo.
3. Pair your Android phone with the car stereo via Bluetooth.
4. Open the "Zlink5" application on the car stereo.

5. Follow the on-screen prompts to initiate Wireless Android Auto. (Note: Some Samsung phones may not support wireless Android Auto.)

# 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: A diagram illustrating the steps for connecting to Wireless Apple CarPlay and Android Auto, including Bluetooth pairing and using the Zlink5 app.

### 4.3 Navigation

The unit comes with built-in GPS and supports various navigation applications. You can download and use your preferred navigation apps from the Google Play Store.

- Ensure the GPS antenna is properly installed and has a clear view of the sky for optimal signal reception.
- Use voice commands (e.g., via Google Assistant or Siri through CarPlay/Android Auto) for hands-free navigation input.



Image: The car stereo display showing various navigation applications and an example of voice command interaction for navigation.

#### 4.4 Multimedia Playback

The unit supports playback of various audio and video formats from USB drives, Bluetooth streaming, and installed applications.

- **USB Playback:** Connect a USB drive to the provided USB ports to access media files.
- **Bluetooth Audio:** Pair your smartphone via Bluetooth to stream music wirelessly.
- **App-based Media:** Use pre-installed or downloaded apps like Spotify, YouTube, Netflix, etc., for online media consumption (requires Wi-Fi connection).

#### 4.5 Steering Wheel Control & Original Car Settings

The unit is designed to integrate with your vehicle's existing systems, retaining functionality of original steering wheel controls and iDrive controller.

- **Steering Wheel Control:** Use your vehicle's steering wheel buttons to control volume, track skipping, and answer calls.
- **iDrive Control:** The original iDrive controller remains functional for navigating menus.

- **Original Car System:** The unit maintains the original car stereo's sound output and allows access to the original CD player and car settings.

## Support Original Car Settings

	 	
Support Steering Wheel Control	Safety Belt Reminder	Support iDrive control
		
Sound From the Original Car Stereo	Keep the Original CD	Keep the Original Car System

Image: A collage demonstrating how the KUNFINE stereo supports original car functions such as steering wheel control, safety belt reminder, iDrive control, original sound, and retaining the original CD player and car system.

#### 4.6 Rear View Camera

The unit supports aftermarket RCA type backup cameras and includes an AHD 720 reverse camera as a gift. Optional 360-degree camera systems can also be integrated.

- When the vehicle is shifted into reverse, the display will automatically switch to the rear view camera feed.
- For 360-degree camera systems, ensure all cameras (front, rear, left, right) are correctly installed and calibrated.

# 360 Rear View Camera

(Optional)



Image: An illustration of a car with indicators for front, rear, left, and right view cameras, demonstrating the optional 360-degree rear view camera system and its display output.

## 5. MAINTENANCE

- **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 software updates to ensure optimal performance and access to new features. Updates can typically be found through the unit's settings menu or the manufacturer's website.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

## 6. TROUBLESHOOTING

If you encounter issues with your KUNFINE car stereo, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check power cable connections. Inspect vehicle fuses. Ensure vehicle battery is charged.
No sound or distorted audio.	Incorrect wiring, volume too low, audio source issue.	Verify speaker wiring. Adjust volume. Check audio source settings. Ensure original car stereo sound is enabled if applicable.
CarPlay/Android Auto not connecting.	Bluetooth not paired, incorrect app used, phone compatibility.	Ensure Bluetooth is on and paired. Open "Zlink5" app. Check phone's Android Auto/CarPlay settings. Some Samsung phones may not support wireless Android Auto.
GPS signal is weak or inaccurate.	GPS antenna improperly installed or obstructed.	Ensure GPS antenna has a clear view of the sky and is securely connected.
Touchscreen unresponsive.	Temporary software glitch, screen damage.	Restart the unit (turn vehicle off and on). If issue persists, contact support.

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

## 7. SPECIFICATIONS

Feature	Specification
Brand	KUNFINE
Model Name	Kunfine NaviX3
Compatible Vehicle	BMW X3 E83 (2006-2010)
Operating System	Android
CPU	Octa Core
RAM	8 GB
ROM (Memory Storage Capacity)	128 GB
Screen Size	12.3 Inches
Display Type	LCD, IPS Full HD
Touch Screen Type	Capacitive

Feature	Specification
Connectivity Technology	USB, Bluetooth, Wi-Fi
Supported Navigation System	GPS (North America maps)
Special Features	CarPlay/Android Auto Integration, Multimedia Support, Voice Control, Steering Wheel Control
Human-Interface Input	Touch Pad, Touchscreen
Mounting Type	Dashboard Mount

## Resolution comparison

**1920\*720**



Ultra high screen resolution  
Approximately 1,368,000 pixels,  
an increase of approximately 120%

**1280\*480**



High screen resolution  
Approximately 628,800 pixels

Image: A visual comparison highlighting the ultra-high screen resolution (1920\*720 pixels) of this unit compared to lower resolution displays (1280\*480 pixels).

## 8. WARRANTY AND SUPPORT

### 8.1 Warranty Information

This KUNFINE product comes with a **1-year warranty** covering manufacturing defects. This warranty does not cover damage resulting from improper installation, misuse, accidents, or unauthorized modifications. Please retain your proof of purchase for warranty claims.

## 8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact KUNFINE customer support. Your consultation is always welcomed.

Contact information can typically be found on the manufacturer's website or through your purchase platform.