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› EKAT 9-inch Android 13 Car Radio for KIA Optima K5 (2010-2013) Instruction Manual

EKAT f3838848-bf29-4087-a9f4-2ae1bce03733

EKAT 9-inch Android 13 Car Radio for KIA Optima K5 (2010-2013) Instruction Manual

Model: f3838848-bf29-4087-a9f4-2ae1bce03733

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your EKAT 9-inch Android 13 Car Radio, designed specifically for KIA Optima K5 models from 2010 to 2013. This unit features a 2.5D tempered glass 1080P HD touchscreen, 2GB RAM + 64GB ROM, and supports Wireless/Wired CarPlay and Android Auto. Please read this manual thoroughly before installation and use to ensure proper function and safety.

PACKAGE CONTENTS

Before beginning installation, verify that all components are present in the package:

- Car Radio Unit
- User Manual
- Radio Antenna
- Canbus Decoder
- Power Cable
- USB Adapter Cable
- RCA Cable
- GPS Antenna
- 2x USB Cables
- Microphone (MIC)
- AHD Camera
- Camera Input Cable
- Installation Tool

Package List



User Manual



Radio Antenna



Canbus



Power Cable



USB adapter cable



RCA Cable



GPS Antenna



2* USB Cable



MIC



AHD Camera



Camera Input



Installation Tool



Power Cable

Figure 1: Included components in the EKAT car radio package.

SETUP AND INSTALLATION

This car radio is designed for plug-and-play installation in KIA Optima K5 models from 2010 to 2013. Ensure your vehicle's center console shape matches the installation photo before proceeding. If unsure, consult the manufacturer.

Vehicle Compatibility Check

Before installation, compare your vehicle's dashboard and existing radio with the provided images to confirm compatibility. This unit is specifically designed for KIA Optima K5 models manufactured between 2010 and 2013.

For KIA Optima K5 2010-2013



Before installation



After installation

Figure 2: Comparison of the KIA Optima K5 dashboard before and after EKAT car radio installation.

Backup Camera Wiring

To enable the reversing assistance feature, connect the AHD backup camera as follows. The reversing input must be plugged in even if the camera is not used.

1. **Red Cable (1):** Connect to the positive pole of the car's reversing light cable.
2. **Black Cable (2):** Connect to the negative pole of the car's reversing light cable.
3. The other two red extension cables (3 and 4) do not require connection.

How to Connect The Backup Camera

Tip: The reversing input must be plugged in even when the reversing camera is not used.

Reversing Camera Wiring

Red Cable ① : Connect the positive pole of the car reversing light cable

Black Cable ② : Connect the negative pole of the car reversing light cable

The other two red extension cables ③④ do not need to be connected

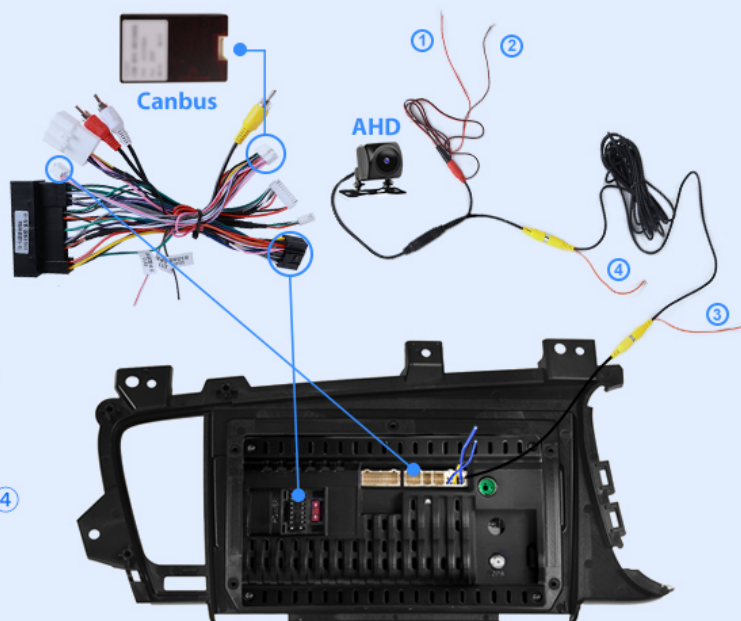


Figure 3: Backup camera wiring diagram.

Steering Wheel Control (SWC) Setup

After connecting the Canbus, it is necessary to configure it correctly for the steering wheel control function to operate. Follow these steps:

1. Access **Settings** on the car radio.
2. Navigate to **Factory Setting** (password: **8888**).
3. Select **Protocol Settings**.
4. Choose **XinPu** and then select the year and model of your car.
5. Confirm settings to enable steering wheel button functionality.



Note:

After connecting the Canbus, you need to set up Canbus correctly to make your steering wheel control function work. The procedure is as follows, click Settings--Factory Setting(password: 8888)--Protocol Settings choose XinPu +the year and model of your car. And then you can use the steering wheel buttons.

Figure 4: Steering Wheel Control setup interface.

OPERATING INSTRUCTIONS

System Overview

The car radio operates on the latest Android 13 system, powered by a 4-core CPU with 2GB RAM and 64GB ROM. The 9-inch 2.5D tempered glass screen provides a 1080P HD display for a clear visual experience.

2+64G

Connect WiFi/Hotspot

Android 13 System



Figure 5: Android 13 system interface and connectivity options.

CarPlay and Android Auto

The unit supports both Wireless and Wired CarPlay and Android Auto via the ZLink APP. Connect your smartphone to access navigation, phone contacts, email, and music directly on the car radio screen. Voice Assistant functionality allows for hands-free calls, navigation, and music playback.

Wired & Wireless CarPlay/Android Auto



Figure 6: CarPlay and Android Auto interfaces.

Hi-Fi Audio and Equalizer

Experience high-fidelity audio reproduction. The system includes an equalizer to customize sound output according to your preferences, allowing for adjustments to various frequency bands.

HiFi Audio & HD Better Display



2.5D
Tempered Glass

9
inches

1080P
Touch Screen



Figure 7: Hi-Fi Audio equalizer settings.

GPS Navigation and WiFi Hotspot

The car radio features integrated GPS navigation, supporting both online and offline maps. Connect to WiFi or a mobile hotspot to download applications from the Play Store, such as YouTube, TikTok, and Spotify, enhancing your in-car entertainment options.



Backup Camera

Eliminate blind spots and avoid obstacles when reversing



WiFi Hotspot Connection

Enjoy surfing the internet and download your favorite apps



HiFi Audio

Giving you the same listening enjoyment as in a concert



Figure 8: GPS Navigation and WiFi Hotspot features.

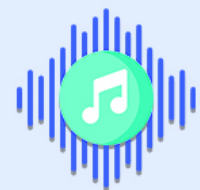
Additional Functions

- **Reversing Assistance:** Connect an AHD reversing camera for visual assistance when backing up.
- **Steering Wheel Controls:** Safely manage calls, adjust volume, and change tracks using your vehicle's steering wheel buttons after proper Canbus setup.
- **FM RDS Radio:** Listen to real-time traffic updates, news broadcasts, and weather forecasts.
- **Split Screen:** Utilize two applications simultaneously on the screen for enhanced multitasking.
- **Bluetooth Hands-Free Calling:** Make and receive calls safely without holding your phone.



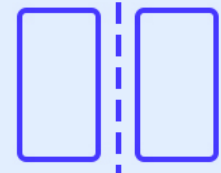
FM RDS Radio

listen to real-time traffic, news broadcasts, weather forecasts



Split Screen

Convenient for you to open two interfaces at the same time



Steering Wheel Control

Make calls, adjust the volume or change songs



Figure 9: FM RDS Radio, Split Screen, and Steering Wheel Control features.

MAINTENANCE

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

- **Screen Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner specifically designed for electronic displays. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Periodically check for available software updates through the system settings or the manufacturer's website. Keeping the software updated can improve performance and add new features.
- **Temperature Control:** Avoid exposing the unit to extreme temperatures for extended periods.
- **Cable Connections:** Ensure all cables are securely connected. Loose connections can lead to intermittent functionality.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not power on	Loose power connection, blown fuse	Check power cables and vehicle fuses. Ensure proper installation.
No sound output	Volume too low, mute activated, speaker wiring issue	Increase volume, check mute settings, verify speaker connections.
CarPlay/Android Auto not connecting	Incorrect USB cable, phone settings, ZLink app issue	Use original USB cable, ensure phone is unlocked, check ZLink app permissions, restart phone and radio.
GPS signal lost or inaccurate	GPS antenna obstruction or faulty connection	Ensure GPS antenna has a clear view of the sky and is securely connected.
Steering Wheel Controls not working	Canbus not configured or faulty connection	Refer to the "Steering Wheel Control (SWC) Setup" section for configuration steps. Check Canbus connections.

If the problem persists after attempting these solutions, please contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	EKAT
Model Number	f3838848-bf29-4087-a9f4-2ae1bce03733
Operating System	Android 13
RAM	2GB
ROM	64GB

Feature	Detail
Screen Size	9 inches
Display Resolution	1080P HD
Screen Type	2.5D Tempered Glass Touchscreen
Connectivity	Bluetooth, USB, WiFi Hotspot
Special Features	Built-In Bluetooth, Touchscreen, CarPlay, Android Auto, Hi-Fi Audio, GPS Navigation, FM RDS Radio, Split Screen, Reversing Assistance (AHD Camera support), Steering Wheel Control
Audio Output Mode	Stereo
Output Power	50 Watts (per channel, 4 channels)
Supported Internet Services	Spotify, YouTube (via Play Store)
Control Method	Voice, Touch

WARRANTY AND SUPPORT

Your EKAT car radio comes with comprehensive support and warranty coverage:

- **Warranty:** A 2-year warranty is provided for the product.
- **Money Back Service:** Enjoy a 30-day money-back guarantee.
- **Technical Support:** 7*24 hours of after-sales technical support is available.

For technical assistance or warranty claims, please contact EKAT customer service through your Amazon Order or visit the [EKAT Store on Amazon](#).

No-Worry Guarantee

7*24 hours of after sales technical support

30 day Money Back Service

2 years after sales support



Figure 10: Warranty and support information.