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AMprime 2+64G

AMprime Android 13 Car Stereo User Manual

For KIA Soul 2010-2013 (Model: 2+64G)

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your AMprime Android 13 Car Stereo. This unit is specifically designed for KIA Soul models manufactured between 2010 and 2013. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

The AMprime car stereo features a 9-inch capacitive touch screen, Android 13 operating system, 2GB RAM, and 64GB ROM. It includes wireless Apple Carplay and Android Auto, Mirror Link, GPS navigation, FM/RDS radio, Bluetooth connectivity, steering wheel control support, and comes with an AHD backup camera.



Image: The AMprime Android 13 Car Stereo seamlessly integrated into the dashboard of a KIA Soul, showcasing its large display and user interface.

SETUP AND INSTALLATION

1. Package Contents

Verify that all components are present in the package:

- AMprime Android 13 Car Stereo Unit (9-inch screen)
- Power Cables (various types)
- RCA Cable
- USB Cables (6-pin and 4-pin)
- Rear Camera Input Cable
- Radio Antenna
- GPS Antenna

- AHD Rear Camera
- Microphone
- Installation Tool
- User Manual

Packing List & Size

233mm/9.1inch

9-Inch

222mm/8.7inch

142mm/5.6inch

369mm/14.5inch

1. Power Cable
2. RCA Cable
3. USB Cable
4. Rear Camera Input
5. Radio Antenna
6. GPS Antenna

AHD Rear Camera	Power Cable	Power Cable	Installation Tool	Microphone	GPS Antenna
	6Pin USB Cable	4Pin USB Cable	Camera Input	User Manual	RCA Cable

Image: Detailed view of the car stereo unit's dimensions and a comprehensive list of all included accessories for installation.

2. Compatibility Check

This unit is designed for KIA Soul models from 2010 to 2013. Ensure your vehicle falls within this range for proper fitment and functionality.

For KIA Soul 2010-2013



Image: Visual comparison of a KIA Soul dashboard before and after the AMprime car stereo installation, demonstrating fitment.

3. Wiring and Connections

Connect the power cables, USB cables, GPS antenna, radio antenna, and rear camera input according to the wiring diagram provided in the separate installation guide. For vehicles with a factory amplifier, it may be necessary to splice the amplifier turn-on wire to ensure proper audio output.

4. Rear Camera Installation

Install the AHD rear view camera at the rear of your vehicle. Route the camera cable to the main unit and connect it to the designated rear camera input. Ensure the camera is securely mounted and positioned for an optimal 170° wide field of view.

OPERATING INSTRUCTIONS

1. Basic Operation

- **Power On/Off:** Press and hold the power button on the unit or use the vehicle's ignition.
- **Touch Screen:** Navigate the Android 13 interface using the 9-inch capacitive touch screen.
- **Volume Control:** Adjust volume using the physical buttons or on-screen controls.

2. Wireless Carplay & Android Auto / Mirror Link

The unit supports both wired and wireless Apple Carplay and Android Auto. Mirror Link functionality is also available.

- **Wireless Connection:** Connect your smartphone via Bluetooth for wireless Carplay or Android Auto.
- **Wired Connection:** Connect your smartphone via a USB cable for wired Carplay or Android Auto.
- **Mirror Link:** For Android devices, connect via USB or WiFi. For iOS devices, connect via WiFi. This projects your phone's screen onto the car stereo display.

Support Apple Carplay & Android Auto & Mirror Link
Gps/Call/Messages/Music/News

Apple Carplay

Android Auto

Mirror Link

Image: Display of Apple Carplay, Android Auto, and Mirror Link functionalities, showing phone integration for calls, navigation, and music.

3. GPS Navigation & WiFi Connectivity

The car stereo has a built-in WiFi module and supports both online and offline navigation. An offline map of North America

is pre-installed.

- **Offline Maps:** Use the pre-installed North America map without an internet connection.
- **Online Maps:** Connect to a WiFi hotspot (e.g., from your smartphone) to use online navigation services and download additional apps from the application store.



Image: Visual representation of the built-in GPS navigation system displaying a route, alongside icons for various map applications and WiFi connectivity.

4. FM/RDS Radio & Bluetooth

Enjoy clear radio reception and seamless Bluetooth connectivity.

- **FM/RDS Radio:** Tune into FM stations and receive RDS information (if available) for real-time traffic, news, and weather broadcasts.
- **Bluetooth:** Pair your mobile phone to stream music and make/receive hands-free calls. The automotive-grade chipset ensures stable performance.

FM/RDS Radio

Listen to real-time traffic, news broadcasts, weather forecasts etc.



Bluetooth

Hands free calling with clear sound quality and stable performance

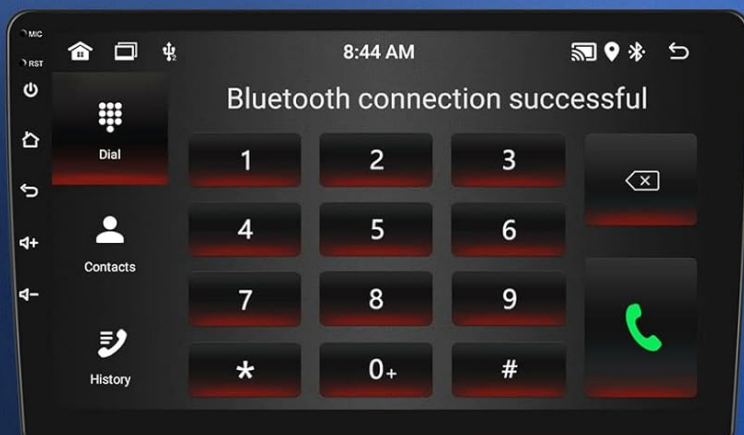


Image: Depiction of the FM/RDS radio interface with station tuning and the Bluetooth connection screen for hands-free calling.

5. Steering Wheel Control (SWC)

If your vehicle has steering wheel buttons, you can configure them to control the car stereo functions such as switching songs, adjusting volume, and answering calls.



Image: Illustration of the steering wheel control setup, showing how to program vehicle steering wheel buttons to operate the stereo.

6. AHD Rear View Camera

The included AHD rear view camera provides a clear image with excellent night vision and a 170° ultra-wide field of view. When reversing, the camera feed will automatically display on the touch screen.

Waterproof AHD Backup Camera

170° wide view AHD camera will present superior night vision for you.



The image shows a comparison of camera views. On the left, two smaller images are shown: the top one is labeled 'Our AHD Camera' and shows a clear, wide view of a city skyline at night; the bottom one is labeled 'Other' and shows a narrower, less clear view of the same scene. On the right, a larger image shows the AHD camera feed on a tablet screen, overlaid with red, yellow, and green parking assist lines.

Steering Wheel Control

if the original car has buttons, you can use the steering wheel buttons to control the radio making the operation more convenient.



The image shows a steering wheel control interface on a tablet screen. The interface has a grid of buttons for various functions: Mode, Power, Mute/Power up, Navi, Home, Volume-, Volume+, FM, AM, Search radio station, Frequency-, Frequency+, PREV, NEXT, Play/Pause, and Mute. A blue arrow points from the steering wheel to the interface, indicating that the steering wheel buttons can be used to control these functions.

Image: A comparison demonstrating the superior clarity and wider field of view of the AHD backup camera compared to a standard camera, with parking assist lines.

7. Audio Equalizer (EQ)

Customize your audio experience with the built-in 16-band EQ sound effects. Select from various preset scenes or adjust manually to your preference.



Image: The car stereo's built-in equalizer interface, showing adjustable frequency bands and sound field options.

8. Split Screen Function

Utilize the split-screen feature to run two applications simultaneously, such as navigation and music playback.



Image: A visual example of the split-screen feature, displaying two different applications running concurrently on the stereo's display.

MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touch screen. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for available software updates via the system settings to ensure optimal performance and access to new features. Connect to WiFi to download updates.
- **General Care:** Keep the unit free from dust and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; blown fuse; power supply issue.	Check all power connections and fuses. Ensure the vehicle's ignition is on.
No audio output.	Incorrect speaker wiring; amplifier not turning on (if applicable); volume too low.	Verify speaker connections. If your vehicle has a factory amplifier, ensure the amplifier turn-on wire is correctly spliced and connected. Increase volume.
Rear camera not displaying.	Camera not connected; incorrect wiring; camera malfunction.	Check the rear camera input connection. Ensure the camera is receiving power and the reverse trigger wire is correctly connected.

Problem	Possible Cause	Solution
GPS signal weak or inaccurate.	GPS antenna placement; environmental interference.	Ensure the GPS antenna is mounted in a clear location with an unobstructed view of the sky.
Bluetooth connection issues.	Device not in pairing mode; interference; incorrect pairing procedure.	Ensure your phone's Bluetooth is on and in pairing mode. Delete previous pairings and try again. Move closer to the unit.
Unit does not fit KIA Soul 2013.	Potential manufacturing variation or specific trim level incompatibility.	Double-check the specific model year and trim of your vehicle against the product's stated compatibility. Contact customer support for assistance.

SPECIFICATIONS

Feature	Detail
Model	2+64G
Operating System	Android 13
RAM	2GB
ROM	64GB
Screen Size	9 Inches
Display Resolution	1024*600
Touch Screen Type	Capacitive
Connectivity	Wi-Fi, Bluetooth
Navigation	Built-in GPS, Online/Offline Maps (North America pre-installed)
Car Integration	Wireless Carplay, Wired Android Auto, Mirror Link
Audio Features	FM/RDS Radio, 16-Band EQ, Subwoofer Audio Output
Rear Camera	AHD, 170° Wide View, Excellent Night Vision
Steering Wheel Control	Supported
Item Weight	3.83 pounds
Package Dimensions	14.21 x 9.96 x 6.97 inches

WARRANTY INFORMATION

This AMprime car stereo unit comes with a 1-year manufacturer's warranty. Please retain your proof of purchase for any warranty claims. For details regarding extended protection plans, please refer to your purchase documentation.

CUSTOMER SUPPORT

For technical assistance, installation queries, or troubleshooting not covered in this manual, please contact AMprime customer support.

Email: AmprimeTechSupport@yeah.net



Image: A customer support agent assisting, highlighting the provided email for online support and instructions.

