

## AMprime 2+64G

# AMprime Android 13 Car Stereo User Manual

Model: 2+64G | Compatible with: Hyundai Santa Fe 2006-2012

## 1. PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your AMprime Android 13 Car Stereo. This unit features a 9-inch touch screen, Wireless Carplay, Android Auto, GPS navigation, Bluetooth, FM/RDS radio, HiFi audio, steering wheel control, and supports an AHD backup camera. Please read this manual thoroughly before use to ensure proper functionality and safety.

## 2. KEY FEATURES

- **Android 13 System:** Equipped with a 4-core CPU, 2GB RAM, and 64GB ROM for smooth operation.
- **9-inch Touch Screen:** 178° full viewing angle for high-definition visuals.
- **Wireless Carplay & Android Auto:** Seamless integration with your smartphone for navigation, calls, music, and apps via USB or Bluetooth.
- **FM/RDS Radio:** 18 preset storage functions with Hi-Fi sound quality for an authentic audio experience.
- **Built-in Bluetooth:** Hands-free calling and music streaming with an integrated microphone.
- **Built-in WiFi & GPS Navigation:** Supports online/offline maps and allows downloading various applications.
- **Steering Wheel Control (SWC):** Remote control radio functions directly from your car's steering wheel.
- **AHD Rear View Camera Support:** Includes a waterproof AHD camera with 170° ultra-wide field of view and excellent night vision for safe reversing.

### 3. INSTALLATION GUIDE

#### 3.1 Pre-Installation Check

Ensure your Hyundai Santa Fe is within the compatible model years (2006-2012). Before starting, disconnect the car battery to prevent electrical shorts.

#### 3.2 Wiring Tips

**Important: If your original car has an amplifier, you must break a port in the red ACC wire line and connect the original amplifier control line to the red ACC wire of the new stereo. Failure to do so may result in no sound.**

**TIPS: If the original car with amplifier, please break a port in the red wire Acc line, and then connect the original amplifier control line to the red wire ACC**



Detailed wiring connections for the car stereo. Note the specific instruction for vehicles equipped with an amplifier.

#### 3.3 Visual Comparison: Before and After Installation

Observe the transformation of your car's dashboard with the new AMprime Android 13 Car Stereo. The image below illustrates the original setup versus the sleek, integrated look after installation.

# For Hyundai Santa Fe 2006-2012



Top: Dashboard with AMprime Android 13 Car Stereo installed. Bottom: Original dashboard setup.

## 4. OPERATION GUIDE

### 4.1 Wireless Carplay & Android Auto Connection

This car stereo supports both Wireless Carplay and Android Auto, allowing you to integrate your smartphone for a smarter driving experience. Connect your phone via Bluetooth for seamless access to navigation, music, calls, and other compatible apps.

## Carplay

**Apple Carplay**  
Wireless Connection

Hey Siri,  
Send a message to David

Icons: Wi-Fi, USB, Carplay

## Android Auto

**Android Auto**  
Wireless Connection

Hey Google  
Play popular music

Icons: Wi-Fi, USB

## Mirror Link

For iOS:WIFI    For Android:WIFI

Visual representation of Wireless Carplay, Android Auto, and Mirror Link interfaces.



Detailed view of the Carplay and Android Auto interfaces.

## 4.2 Wireless Connectivity and Mirroring Demonstration

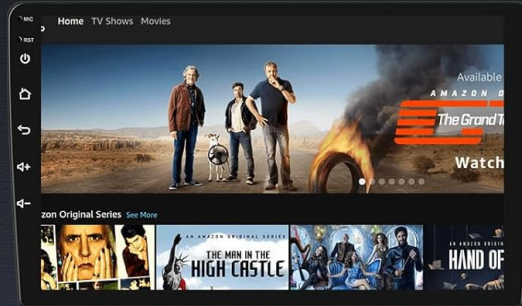
Watch this video for a step-by-step guide on connecting your smartphone wirelessly via Carplay or Android Auto, and how to use the wireless mirroring function for both iPhone and Android devices.

Video demonstrating wireless Carplay, Android Auto, and screen mirroring for both iPhone and Android devices.

## 4.3 FM/RDS Radio and Bluetooth Functions

The unit features an FM/RDS radio for real-time traffic, news, and broadcasts. Bluetooth connectivity enables hands-free calling and high-quality music streaming.

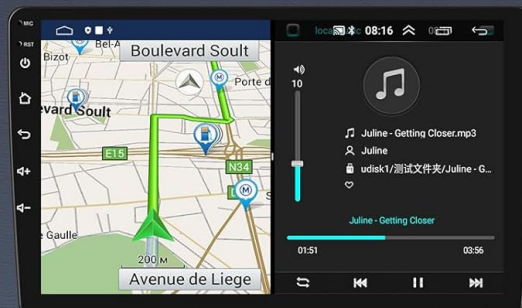
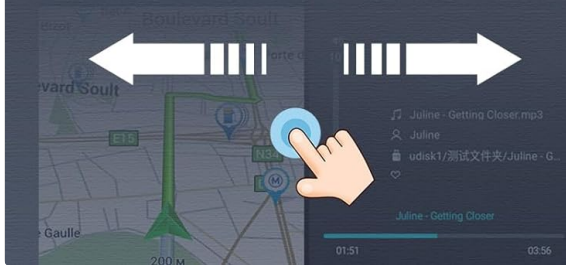
## Built-in WiFi



## GPS Navigation



## Split Screen



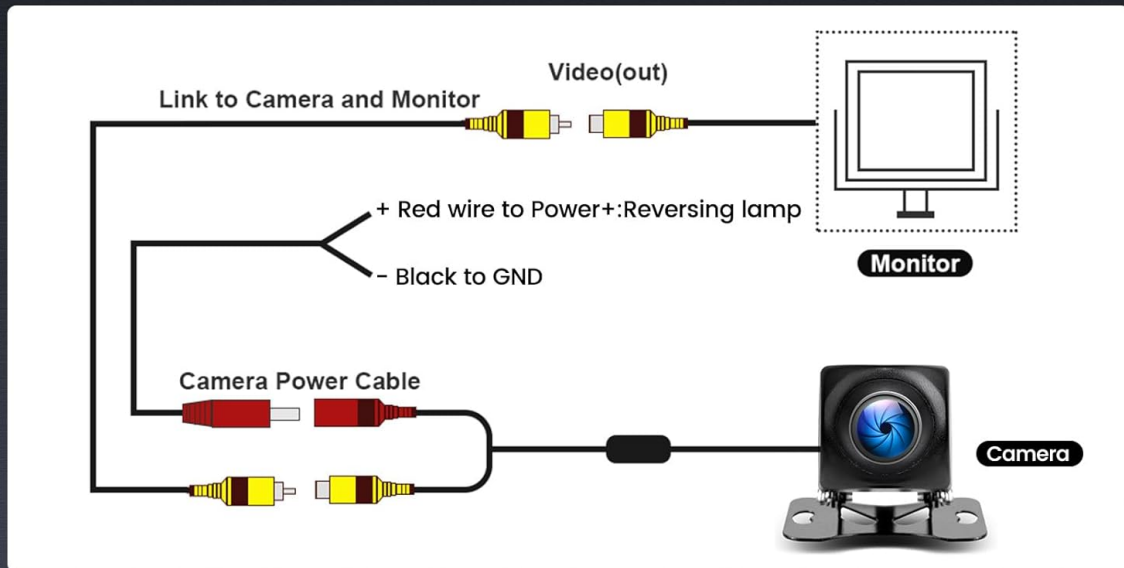
Interfaces for FM/RDS Radio, Bluetooth, and HiFi sound settings.

### 4.4 Built-in WiFi and GPS Navigation

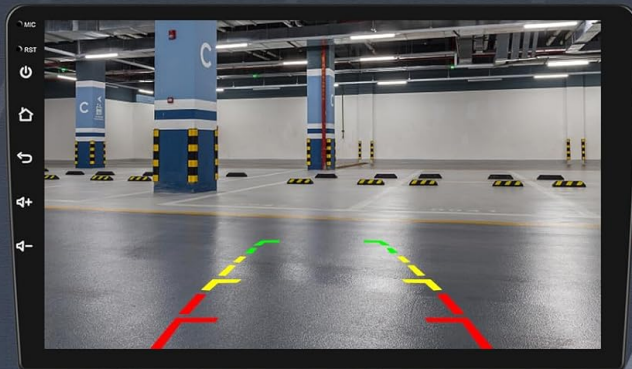
With built-in WiFi, you can connect to the internet, download apps, and use online navigation services. The integrated GPS module supports various mapping applications for accurate route guidance.

# Waterproof AHD Backup Camera

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



## AHD Rear Camera



Features including Built-in WiFi, GPS Navigation, and Split Screen mode.

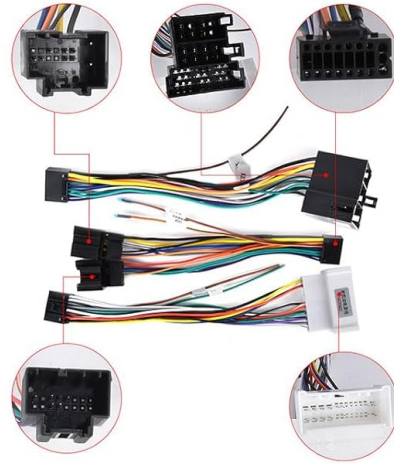
### 4.5 Steering Wheel Control (SWC)

















The car radio supports your vehicle's steering wheel controls, allowing you to manage audio playback, volume, and calls without taking your hands off the wheel. This enhances driving safety and convenience.

### 4.6 AHD Backup Camera

The included AHD backup camera provides a clear, wide-angle view of the area behind your vehicle, significantly improving safety when reversing. The image automatically displays on the stereo screen when shifting into reverse.

# Package List



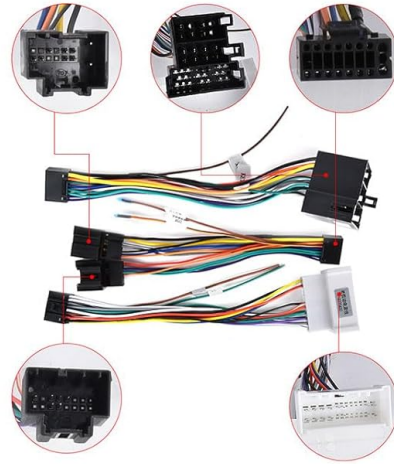
 Power Cable	 Screw	 Power cord	 Video line	 Product Manual	 AHD Rear Camera
 Power Cable	 Installation Tool	 Power Cable	 Radio Antenna	 Accessories	
 RCA Cable	 GPS Antenna	 USB Cable	 Rear Camera	 MIC	

















AHD Backup Camera wiring diagram and example of the reverse camera display.

## 5. PACKAGE CONTENTS

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

# Package List



 Power Cable	 Screw	 Power cord	 Video line	 Product Manual	 AHD Rear Camera
 Power Cable	 Installation Tool	 Power Cable	 Radio Antenna	 Accessories	
 RCA Cable	 GPS Antenna	 USB Cable	 Rear Camera	 MIC	

Visual representation of all components included in the package.

- AMprime Android 13 Car Stereo Unit
- Power Cables (various)
- USB Cables
- Radio Antenna
- GPS Antenna
- RCA Cables
- AHD Rear View Camera
- Microphone (MIC)
- Installation Tool
- Screws
- Product Manual
- Additional Accessories (as pictured)

## 6. SPECIFICATIONS

Feature	Specification
Brand	AMprime
Operating System	Android 13
Screen Size	9 Inches
Memory Storage Capacity	64 GB
Connectivity Technology	Wi-Fi, Bluetooth
Special Features	Bluetooth, Wireless Carplay, Android Auto, GPS, FM/RDS Radio, HiFi, SWC, AHD Backup Camera
Map Type	Worldwide
Mounting Type	Dashboard Mount
Display Type	LCD
Human-Interface Input	Touchscreen, Remote

## 7. TROUBLESHOOTING

---

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

- **No Power:** Check all power connections, especially the ACC and B+ wires. Ensure the car battery is properly connected.
- **No Sound:** Verify speaker connections. If your car has an original amplifier, ensure the amplifier control line is correctly connected to the stereo's ACC wire as described in the installation section. Check volume settings on both the stereo and your connected device.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the stereo and your phone. Delete previous pairings and attempt to re-pair. Make sure the stereo's Bluetooth name ('Car BT') is visible.
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear view of the sky. Check GPS settings in the stereo to confirm it's enabled.
- **Touch Screen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (note: this will erase all user data).
- **Steering Wheel Controls Not Working:** Ensure the SWC wires are correctly connected. Access the steering wheel control learning function in the stereo's settings to program the buttons.

For persistent issues, please contact customer support.

## 8. MAINTENANCE

---

To ensure the longevity and optimal performance of your AMprime Android 13 Car Stereo, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents that could damage the surface.
- **Software Updates:** Periodically check for software updates provided by AMprime to ensure you have the latest features and bug fixes.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, as this can affect performance and lifespan.
- **Wiring:** Regularly inspect wiring connections for any signs of wear or looseness.

## 9. WARRANTY AND SUPPORT

---

Your AMprime car stereo comes with a 1-year warranty. For any technical assistance, warranty claims, or further inquiries, please contact AMprime customer support.

**AMprime Customer Support:** [AmprimeTechSupport@yeah.net](mailto:AmprimeTechSupport@yeah.net)

AMprime Technology LLC is dedicated to providing quality automotive electronics to enhance your driving experience. Our products include car MP5 players, Android car stereo radios, and related accessories.