

## AMprime Android 13 Car Stereo

# AMprime Android 13 Car Stereo User Manual

Model: Android 13 Car Stereo (4+64G) for Dodge Caliber 2010-2012

Brand: AMprime

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AMprime Android 13 Car Stereo. Please read this manual thoroughly before using the product to ensure proper function and safety. This unit is designed specifically for Dodge Caliber models from 2010 to 2012.

Your browser does not support the video tag.

This video provides a general overview of the AMprime Android 13 Car Stereo's features and interface.

## 2. PRODUCT FEATURES

- **Android 13 System:** Equipped with a 9-inch capacitive touch screen (1280\*720 resolution) and 4GB RAM + 64GB ROM for smooth operation.
- **Wireless CarPlay & Android Auto:** Seamlessly integrate your smartphone for navigation, calls, music, and other applications via Bluetooth connection.
- **Mirror Link:** Supports both iOS and Android devices for screen mirroring.
- **GPS Navigation & WiFi:** Built-in WiFi module and offline North America maps. Supports online maps and app installation via the Application Store.
- **EQ Setting & DSP:** Features DSP tuning technology with 32-band equalization for enhanced sound quality. Includes smart voice assistant for hands-free control.
- **FM/RDS Radio & Bluetooth:** Automotive-grade chipset for optimal radio signal reception. Bluetooth for hands-free calling and music streaming.
- **Steering Wheel Control (SWC):** Compatible with existing steering wheel buttons for remote control of radio functions.

- **AHD Rear View Camera:** Includes a waterproof camera with excellent night vision and a 170° ultra-wide field of view for reversing assistance.

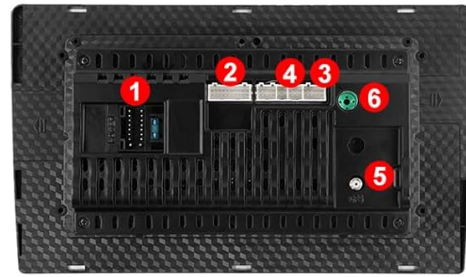
### 3. PACKAGE CONTENTS

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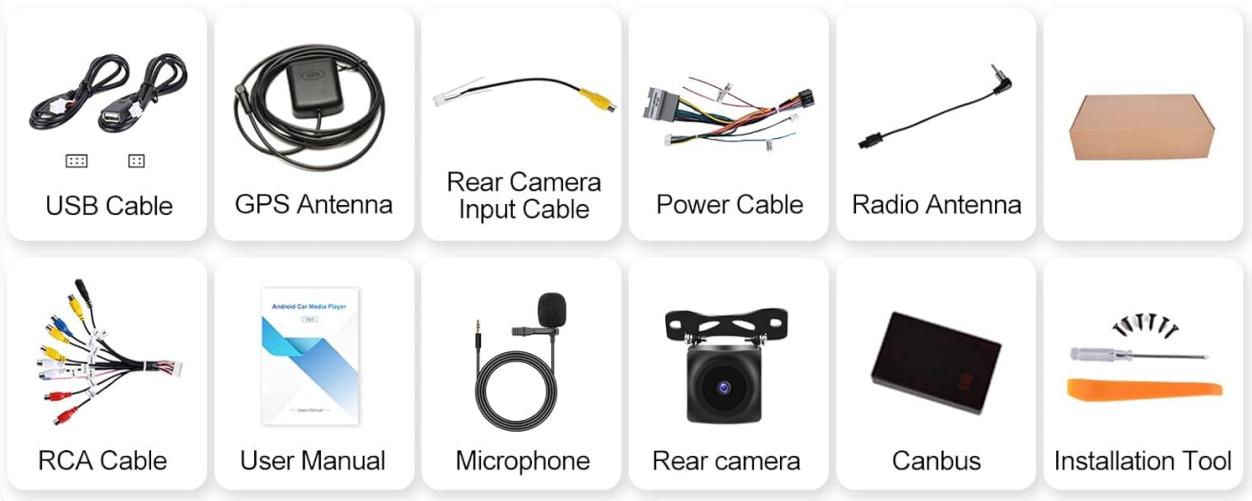
Verify that all items listed below are included in your package:

- AMprime Android 13 Car Stereo Unit
- Power Cable
- USB Cable
- RCA Input/Output Cables
- Reversing Camera Input Cable
- GPS Antenna
- Radio Antenna
- User Manual
- Microphone
- AHD Rear View Camera
- Canbus Decoder (if applicable for your vehicle)
- Installation Tool

# Package List



- |                           |                  |
|---------------------------|------------------|
| 1. Power Cable            | 4. USB Cable     |
| 2. RCA Input/Output       | 5. GPS Antenna   |
| 3. Reversing Camera Input | 6. Radio Antenna |



This image details the items included in the product package, such as cables, antennas, and the user manual, along with the stereo's physical dimensions.

## 4. INSTALLATION

Professional installation is recommended for this car stereo. Ensure the vehicle's power is disconnected before beginning installation. Refer to the wiring diagram provided in the user manual for specific connections.

1. Remove the original car stereo unit and trim panel.
2. Connect the power cable, USB cable, RCA cables, GPS antenna, and radio antenna to the new AMprime unit.
3. If installing the AHD rear view camera, route the camera cable to the rear of the vehicle and connect it to the designated input on the stereo.
4. Connect the steering wheel control wires (if applicable) according to your vehicle's wiring.
5. Carefully fit the new stereo unit into the dashboard opening and secure it.
6. Reinstall the trim panel.
7. Reconnect the vehicle's power and test all functions.

# For Dodge Caliber 2010-2012



This image illustrates the appearance of the Dodge Caliber dashboard before and after the AMprime Android 13 Car Stereo installation, highlighting the integrated fit.

## 5. INITIAL SETUP AND CONNECTIVITY

### 5.1 Wireless CarPlay & Android Auto

To use Wireless CarPlay or Android Auto, ensure your phone's Bluetooth is enabled and paired with the car stereo. Follow the on-screen prompts to establish the connection. Once connected, your phone's compatible apps will appear on the stereo display.

### 5.2 Mirror Link

For iOS devices, connect via WiFi. For Android devices, connect via WiFi. Follow the instructions on the stereo's Mirror Link application to cast your phone's screen.

### 5.3 GPS Navigation

The unit comes with pre-installed offline maps for North America. For online navigation, connect the stereo to a WiFi hotspot. You can download additional navigation apps from the Application Store.

### 5.4 WiFi Connection

Access the settings menu, select 'Network & Internet', then 'Wi-Fi'. Choose your desired network and enter the password to connect. This enables online features, app downloads, and online map updates.



# Wired & Wireless Carplay/ Android Auto/Mirror Link

## Carplay



**Apple Carplay**  
Wired/Wireless Connection



Hey Siri,  
Send a message to David

## Android Auto



**Android Auto**  
Wired/Wireless Connection



Hey Google  
Play popular music

## Mirror Link

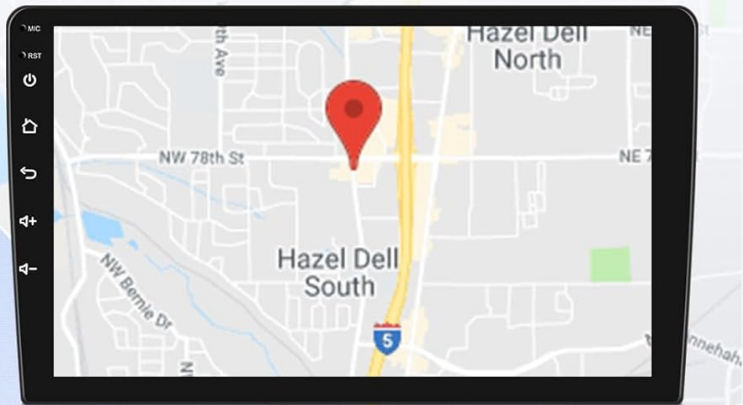


For IOS:WIFI      For Android:WIFI

This image displays the user interfaces for Wireless CarPlay, Android Auto, and Mirror Link, demonstrating how smartphone features are integrated into the car stereo.

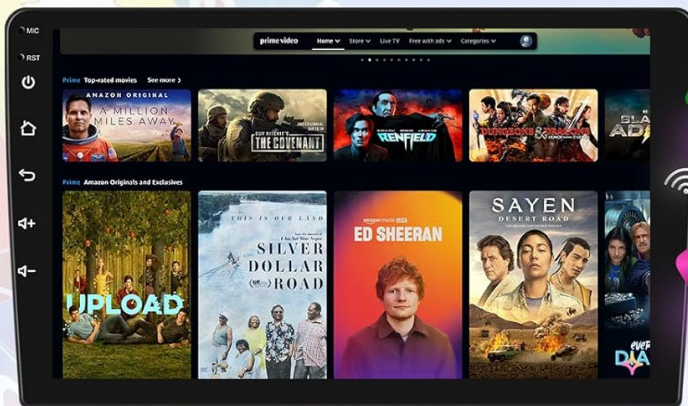
## GPS Navigation

Built-in GPS module, you can use offline and online maps directly.



## WiFi Hotspot

Support WiFi or Hotspot connection, you can install apps from the Play Store, watch online videos as well as navigate online.



This image illustrates the GPS navigation map display and the WiFi hotspot connection screen, showing how to access online maps and applications.

## 6. OPERATING INSTRUCTIONS

### 6.1 FM/RDS Radio

Navigate to the 'Radio' application. You can manually tune frequencies or use the auto-scan function to find and save stations. RDS (Radio Data System) provides station information where available.

### 6.2 Bluetooth Functions

After pairing your phone, access the 'Bluetooth' application to make hands-free calls, view contacts, and stream audio from your device.

### 6.3 EQ and DSP Settings

Open the 'EQ' or 'Sound Settings' application. Adjust the 32-band equalizer to customize audio output. DSP (Digital Signal Processor) features allow for fine-tuning of sound effects and speaker balance.

### 6.4 Steering Wheel Control (SWC)

If your vehicle supports it, you can program the steering wheel buttons to control the stereo. Go to 'Settings' > 'Steering Wheel Control' and follow the on-screen instructions to map functions like volume, track skip, and call answer/end.

## 6.5 Reversing Display

When the vehicle is shifted into reverse gear, the stereo will automatically display the feed from the connected AHD rear view camera. Guidelines may appear on the screen to assist with parking.

## 6.6 Split Screen Functionality

Some applications support split-screen mode, allowing you to run two apps simultaneously (e.g., navigation and music player). Drag an app to one side of the screen to activate this feature.

## 6.7 UI Themes

The system offers various user interface themes. You can change the theme through the 'Settings' menu to personalize the look of your stereo.

# Bluetooth

Built-in Bluetooth, support hands-free calling, phonebook synchronization and music streaming



## FM/RDS Radio

High quality FM radio with preset 18 common stations, you can save your favorite stations and listen to live news, real-time traffic information, music and programs anytime



## EQ

Various popular sound effects can be adjusted at will to enjoy the perfect car audio quality.



This image shows the Bluetooth pairing screen, FM/RDS radio interface with station presets, and the graphic equalizer for sound customization.

# Reversing Display

Waterproof night vision camera will automatically switch the reverse image when in reverse gear.

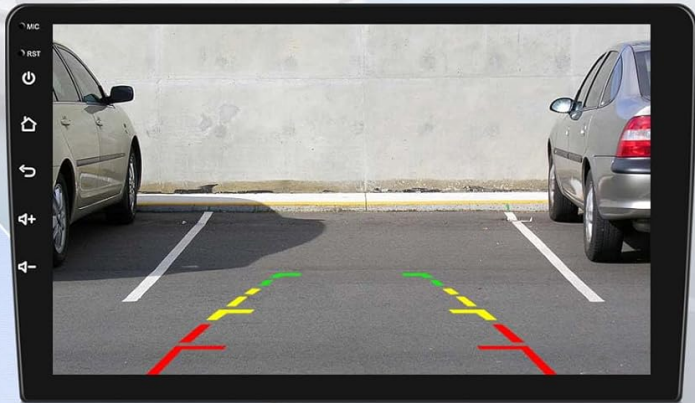


**Clear Image**

**Waterproof**

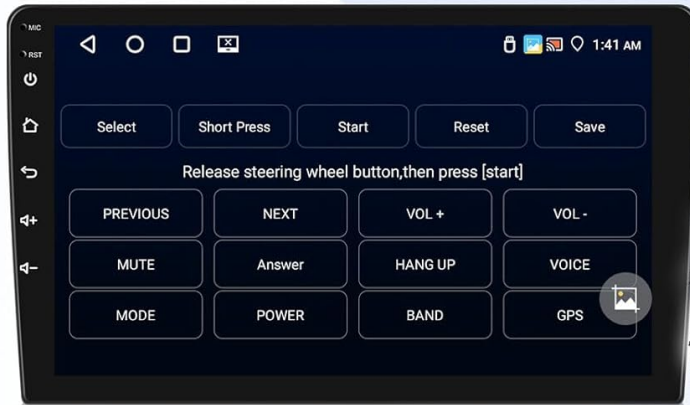
**Night Vision**

**170° Wide Angle**

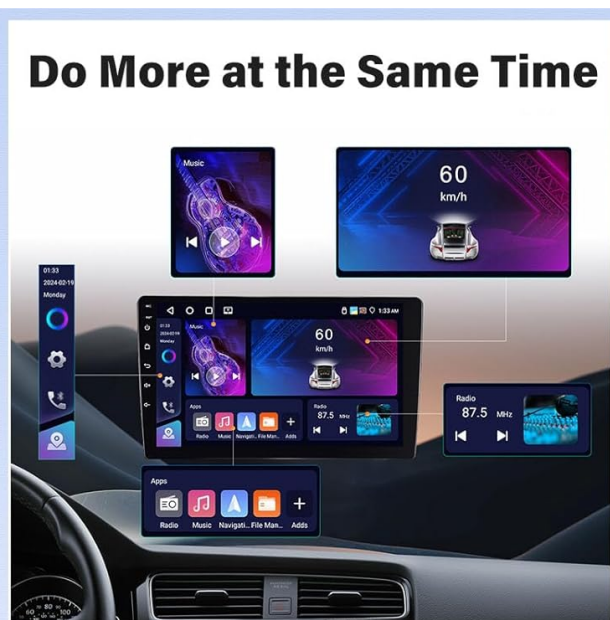
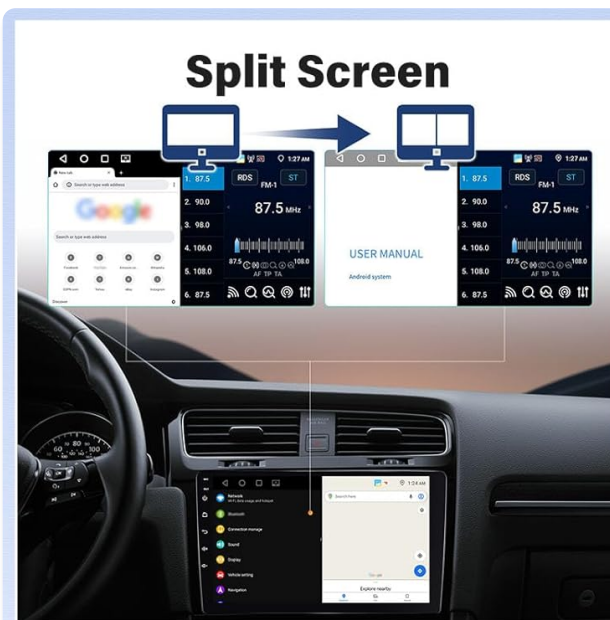


# Steering Wheel Control

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



This image demonstrates the automatic display of the rear view camera when reversing and the interface for programming steering wheel controls.



This image highlights the split-screen feature for running two applications simultaneously, examples of different user interface themes, and the system's memory and storage capacity.

## 7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates through the system settings or the manufacturer's website to ensure optimal performance and access to new features.
- **Temperature:** Avoid exposing the unit to extreme temperatures, which can affect performance and lifespan.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on	Incorrect wiring; Blown fuse; Vehicle battery low	Check power connections; Inspect vehicle fuses; Charge vehicle battery

Problem	Possible Cause	Solution
No sound output	Speaker wires disconnected; Volume too low; Mute activated	Verify speaker connections; Increase volume; Deactivate mute function
GPS signal lost or inaccurate	GPS antenna obstructed or disconnected; Poor satellite coverage	Ensure GPS antenna has clear view of sky and is connected; Move to an open area
Bluetooth connection issues	Phone not discoverable; Incorrect pairing process; Interference	Ensure phone Bluetooth is on and discoverable; Re-pair device; Move away from other wireless devices
Rear view camera not displaying	Camera cable disconnected; Reverse trigger wire not connected	Check camera connections; Verify reverse trigger wire is correctly wired to reverse light signal

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact customer support.

## 9. SPECIFICATIONS

- **Operating System:** Android 13
- **RAM:** 4GB
- **Internal Storage:** 64GB
- **Screen Size:** 9 Inches
- **Display Resolution:** 1280x720
- **Connectivity:** Wi-Fi, Bluetooth
- **Special Features:** Wireless CarPlay, Android Auto, Mirror Link, GPS Navigation, FM/RDS Radio, EQ, DSP, Steering Wheel Control, AHD Backup Camera
- **Compatible Vehicle:** Dodge Caliber 2010-2012
- **Item Weight:** 2.42 pounds
- **Package Dimensions:** 10.24 x 7.09 x 2.76 inches

## 10. WARRANTY AND SUPPORT

This product comes with a 1-year warranty. For technical assistance, troubleshooting, or warranty claims, please contact AMprime customer support.

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

Optional extended protection plans are available for purchase:

- 2-Year Protection Plan
- 3-Year Protection Plan

For more information about AMprime products and support, visit the [AMprime Store on Amazon](#).

