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› CAMECHO 9" Touchscreen Car Radio User Manual

## CAMECHO CAMECHO 9" Touchscreen Car Radio

# CAMECHO 9" Touchscreen Car Radio User Manual

Model: CAMECHO 9" Touchscreen Car Radio

For Hyundai Veloster 2011-2015 Head Unit with Carplay Android Auto, GPS Navigation, WiFi, FM/RDS

## 1. PRODUCT OVERVIEW

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The CAMECHO 9" Touchscreen Car Radio is an advanced head unit designed specifically for Hyundai Veloster models from 2011 to 2015. It integrates modern automotive entertainment and navigation features, including Wireless/Wired CarPlay and Android Auto, GPS navigation, WiFi connectivity, Bluetooth 5.0, and FM/RDS radio. This unit features a 9-inch 2.5D tempered glass 1080P high-definition display, providing a clear and responsive touch experience.



Figure 1.1: CAMECHO 9" Touchscreen Car Radio and included components.

This image displays the main head unit along with various accessories such as the Canbus box, backup camera, and microphone, highlighting the comprehensive package for installation.

## 2. KEY FEATURES

- **Display:** 9-inch 2.5D tempered glass IPS touchscreen with 1080P high resolution.
- **Operating System:** Android 13 with 2GB RAM and 64GB ROM.
- **Smartphone Integration:** Built-in Wireless/Wired CarPlay and Android Auto support (IOS 15.4 and below, Android 12 and below; Huawei mobile phones are not supported).
- **Navigation:** Built-in GPS with support for offline maps (e.g., "Here We GO") and online navigation applications.
- **Connectivity:** WiFi for internet access and app downloads, Bluetooth 5.0 for hands-free calling and music streaming.
- **Radio:** FM/RDS radio with 18 preset stations.
- **Camera Support:** Rear camera input for backup camera functionality.
- **Audio:** EQ settings for customized sound output.
- **Control:** Steering wheel control compatibility.
- **Mirror Link:** Wired & wireless mirror link to sync smartphone display.

# For Hyundai VELOSTER 2011-2015

9" Touch Screen Car Radio with Bluetooth. Please confirm the make and the year of your car



Carplay



Android auto



2+64G



9 inch touchscreen



FM/RDS



AHD backup camera



Video



Music

Figure 2.1: Overview of the CAMECHO car radio's main features.

This image visually summarizes the core functionalities of the head unit, such as CarPlay, Android Auto, 2+64G memory, 9-inch touchscreen, FM/RDS, AHD backup camera support, video playback, and music playback.

### 3. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- CAMECHO 9" Touchscreen Car Radio Head Unit
- Backup Camera

- Microphone
- Canbus Box
- Camera Cable
- USB Cables (multiple)
- Radio Antenna
- RCA Cables (multiple)
- Power Cable
- User Manual (this document)
- GPS Antenna
- Rear View Cable
- Installation Tools (basic set)

The white plug must be connected to the main device, or you can't get bluetooth and wif signals

## 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

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

Figure 3.1: Detailed view of the package contents.

This image provides a visual checklist of all items you should find in the product box, including the main unit, various cables, antennas, and the backup camera.

## 4. INSTALLATION GUIDE

Installation of the CAMECHO car radio requires technical knowledge and careful handling of vehicle electronics. It is highly recommended to seek professional installation to ensure proper functionality and avoid damage to your vehicle or the unit.

### 4.1 General Wiring Diagram

Refer to the following diagram for connecting the main power, audio, and data cables to the head unit.

# Wireless Carplay & Android Auto



Figure 4.1: Product Wiring Diagram.

This diagram illustrates the connection points on the back of the head unit for the RCA cables, USB cables, power cable, rear view video input cable, and GPS antenna.

## 4.2 Reversing Camera Wiring

Proper connection of the reversing camera is crucial for its functionality. Ensure the white plug is connected to the main device to enable Bluetooth and WiFi signals.

**Red Cable (1):** Connect to the positive pole of the car reversing light cable.

**Black Cable (2):** Connect to the negative pole of the car reversing light cable.

*Note: The other two red extension cables (3 and 4) do not need to be connected.*

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

# Product Wiring

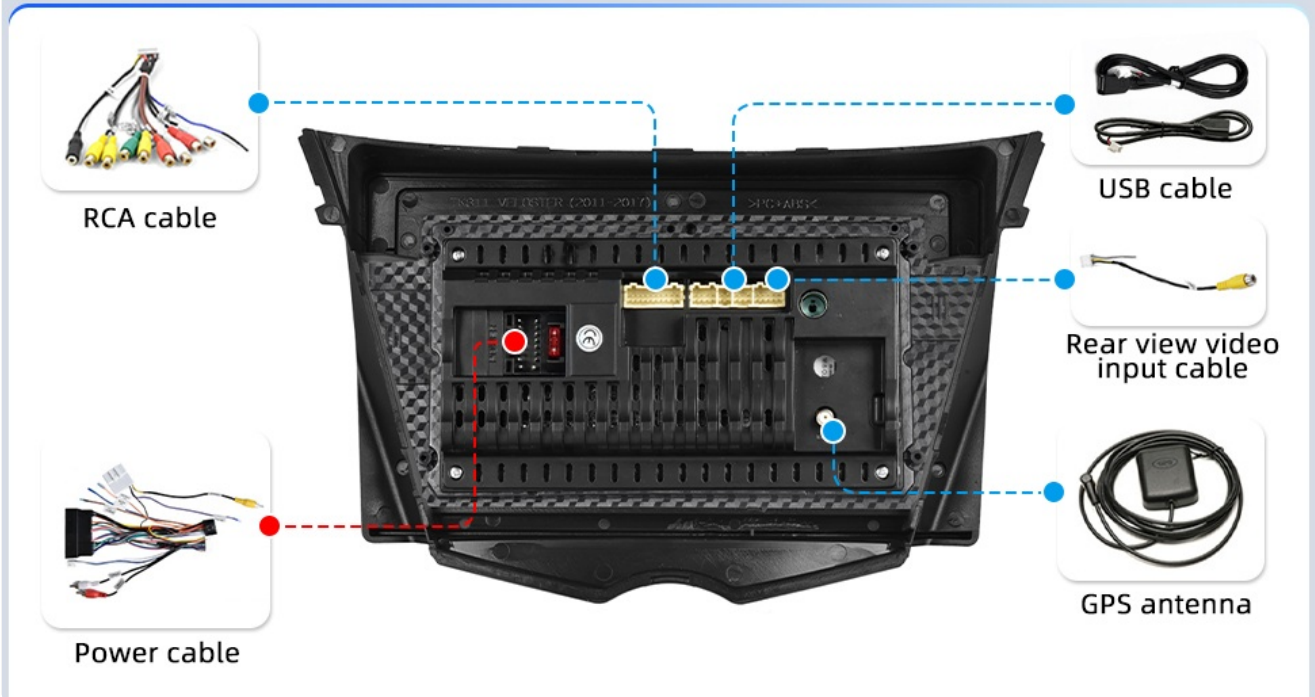


Figure 4.2: Reversing Camera Wiring Diagram.

This diagram details the specific connections required for the backup camera, including power and signal cables, and highlights important notes for proper setup.

## 4.3 Pre-Installation and Post-Installation Comparison

Observe the visual difference in your vehicle's dashboard before and after the installation of the CAMECHO head unit.



Figure 4.3: Installation Comparison.

This image shows the original car dashboard next to the dashboard with the CAMECHO 9-inch touchscreen car radio installed,

demonstrating the integrated appearance.

## 5. OPERATING INSTRUCTIONS

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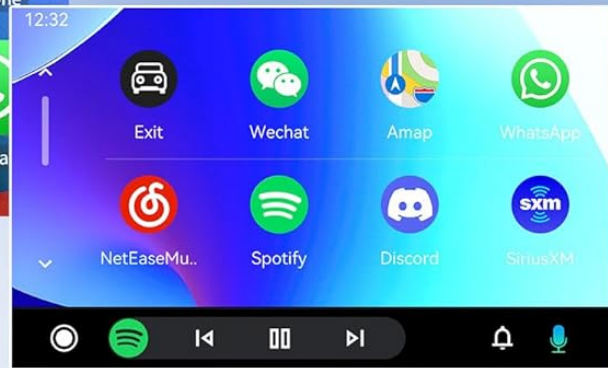
### 5.1 Wireless CarPlay & Android Auto

The unit supports both wireless and wired CarPlay and Android Auto. This allows you to access navigation, make calls, send messages, and enjoy music directly from your smartphone through the car radio's interface.

- **Connection:** Connect CarPlay via USB/WiFi; Connect Android Auto via USB/WiFi.
- **Compatibility:** Supports iOS 15.4 and below, Android 12 and below. (Note: Huawei mobile phones are not supported).
- **Voice Assistant:** Utilize smart voice assistants like Siri or Google Assistant for hands-free control.

# Wired/Wireless Carplay & Android Auto

Support wireless and wired Carplay and Android Auto for mobile phone call, email, notification, map navigation, music, video



Connect carplay via USB/WiFi;  
Connect Android Auto via USB/WiFi



Hey, Siri. Navigate to the beach!



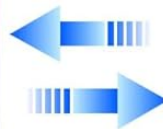
Hey, Siri. Call Jack.



OK Google, play pop music



For Android/iOS



**Note:** For optimal use of CarPlay or Android Auto, ensure your phone is on iOS 16 or below, or Android 12 or below.

Figure 5.1: CarPlay and Android Auto Interface.

This image shows the user interface for both CarPlay and Android Auto, demonstrating how smartphone apps like iHeartRadio, Telegram, Spotify, and navigation tools are displayed on the car radio screen.

# Installation Comparison



Figure 5.2: Wireless CarPlay & Android Auto Functionality.

This image highlights the wireless capabilities of CarPlay and Android Auto, showing voice command examples like "Hey Siri, Navigate to the beach!" and "OK Google, play pop music," along with app icons.

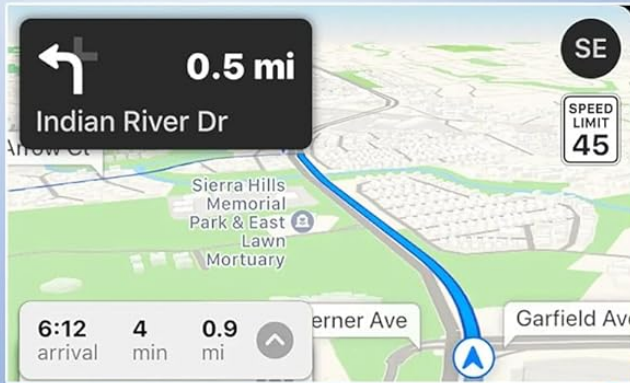
## 5.2 Built-in GPS Navigation & WiFi Connection

The car radio features built-in GPS navigation. After connecting to WiFi, you can download offline maps or use online mapping services. The unit supports various navigation applications.

- **Offline Maps:** Pre-installed with "Here We GO" APK for offline navigation.
- **Online Maps:** Connect to WiFi or a mobile hotspot to use online maps and download other applications like YouTube, Waze, Facebook, etc.

## Built-in GPS Navigation

Supports online and offline Map. Supports a variety of navigation applications, making sure you never get lost!



## WiFi Connection

After connected to wif or hotspot,you can use anyonline data, such as real-time navigation, download APPs, online chat or surfnq. Download and update your favorite Apps!



Figure 5.3: GPS Navigation and WiFi Connection.

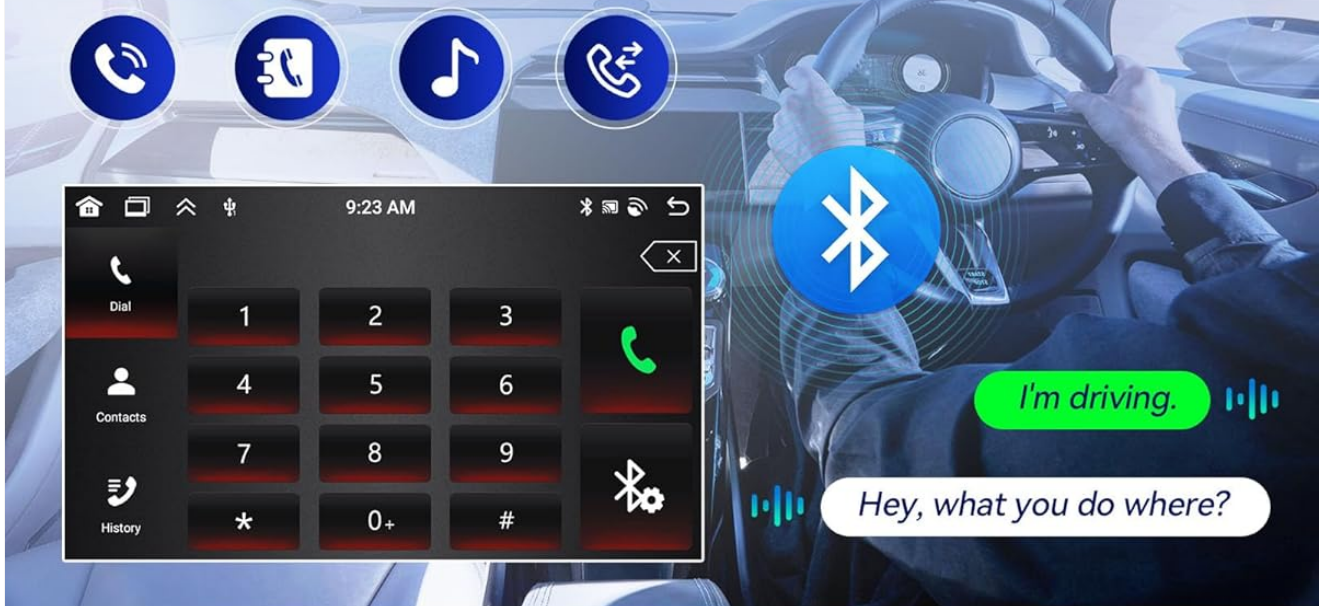
This image illustrates the GPS navigation interface showing a map with route details and a visual representation of WiFi connectivity with various app icons, indicating internet access.

### 5.3 Bluetooth Hands-free Calling & Music

Connect your smartphone via Bluetooth for hands-free calling, music streaming, and automatic phonebook loading. An external microphone (not included) can be added for clearer voice quality during calls.

## Bluetooth-Hands-free Calling

Support hands-free calls, Bluetooth music, loading phone books, etc.



## FM/RDS

87.0M-108M FM frequency, can preset 18 radio stations. Listen to real-time traffic information, news, weather forecasts ect.



Figure 5.4: Bluetooth and FM/RDS Interface.

This image displays the Bluetooth calling screen with a dial pad and contacts, alongside the FM/RDS radio interface showing frequency tuning and preset stations.

### 5.4 FM/RDS Radio

Tune into your favorite radio stations with the built-in FM/RDS tuner. You can preset up to 18 radio stations and receive real-time traffic information, weather forecasts, and news via RDS.

### 5.5 Steering Wheel Control

The unit supports steering wheel controls, allowing you to answer calls, switch music tracks, adjust volume, and

navigate menus safely without taking your hands off the wheel.

## Easy Installation Backup Camera

Say goodbye to blind spots when maneuvering. Automatically turn to back up camera mode when you reverse your car. Make it safer and easy to park your car



## Steering Wheel Control

Support the use of the steering wheel to control answering calls, switching music, adjusting the volume, etc., to make you safer while driving



Figure 5.5: Steering Wheel Control Setup.

This image illustrates the steering wheel control buttons and the corresponding interface on the car radio screen where users can program and customize these controls for various functions like volume, track skipping, and call management.

### 5.6 Easy Installation Backup Camera

The included backup camera automatically activates when you engage reverse gear, providing a clear view of the area behind your vehicle. It features night vision, is waterproof, and offers a 170° wide-angle view to eliminate blind spots.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the touchscreen and unit exterior. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates via the unit's settings menu when connected to WiFi to ensure optimal performance and access to new features.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

## 7. TROUBLESHOOTING

Problem	Possible Cause / Solution
No Sound Output	<ol style="list-style-type: none"><li>1. <b>Amplifier Settings:</b> If your vehicle has an external amplifier, you may need to configure the head unit's settings to output sound through the external amplifier. Navigate to the unit's settings (often under "Sound" or "Factory Settings") and look for an option related to external amplifier or audio output mode. This is a common issue reported by users.</li><li>2. <b>Wiring:</b> Check all audio wiring connections, including RCA cables, to ensure they are securely connected and not damaged.</li><li>3. <b>Volume:</b> Ensure the volume is not muted or set to minimum.</li></ol>
Touchscreen Unresponsive	<ol style="list-style-type: none"><li>1. <b>Restart:</b> Try restarting the unit by turning off the car ignition and then turning it back on.</li><li>2. <b>Firmware:</b> Ensure the firmware is up to date. If the issue persists, contact support.</li></ol>
CarPlay/Android Auto Not Connecting	<ol style="list-style-type: none"><li>1. <b>Compatibility:</b> Verify your phone's operating system version is compatible (iOS 15.4 and below, Android 12 and below). Huawei phones are not supported.</li><li>2. <b>Cable:</b> If using wired connection, try a different USB cable (preferably the original cable that came with your phone).</li><li>3. <b>Permissions:</b> Ensure all necessary permissions are granted on your phone for CarPlay/Android Auto.</li><li>4. <b>White Plug:</b> Ensure the white plug for Bluetooth/WiFi signals is connected to the main device as per the reversing camera wiring diagram (Figure 4.2).</li></ol>
GPS Signal Lost / Inaccurate	<ol style="list-style-type: none"><li>1. <b>Antenna Placement:</b> Ensure the GPS antenna is installed in a location with a clear view of the sky and is securely connected.</li><li>2. <b>Obstructions:</b> Avoid placing the antenna near metal objects or other electronic devices that might interfere with the signal.</li></ol>

## 8. SPECIFICATIONS

Feature	Detail
Model Name	CAMECHO 9" Touchscreen Car Radio
Compatible Vehicle	Hyundai Veloster (2011-2015)
Display Size	9 Inches
Operating System	Android 13
Memory (RAM/ROM)	2GB RAM / 64GB ROM
Connectivity	Bluetooth 5.0, WiFi
Navigation	Built-in GPS, supports offline/online maps
Radio Tuner	FM/RDS (87.0M-108M FM frequency)

Feature	Detail
Included Components	Backup camera, microphone, various cables
Mounting Type	Dashboard Mount
Product Dimensions	2 x 1 x 2 inches (Unit)
Item Weight	3.16 pounds

## Size & Package Size

9" Touch Screen Car Radio with Bluetooth for Hyundai VELOSTER 2011-2015



Camera cable



Canbus box



USB cable



USB cable



Radio antenna



Camera



Microphone



RCA cable



USB cable



RCA cable



Tools



Power cable



User manual



GPS antenna



Rear view cable

Figure 8.1: Size and Package Contents Diagram.

This image provides detailed dimensions of the head unit and a comprehensive visual list of all components included in the package,

such as various cables, antennas, and the backup camera.

## 9. WARRANTY AND SUPPORT

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The product comes with a **2-year warranty** as per manufacturer specifications.

For technical assistance, troubleshooting, or any inquiries regarding your CAMECHO car radio, please contact our customer support team.

**Email Support:** [camechovip@126.com](mailto:camechovip@126.com)

Please provide your product model and a detailed description of your issue when contacting support to ensure a prompt resolution.

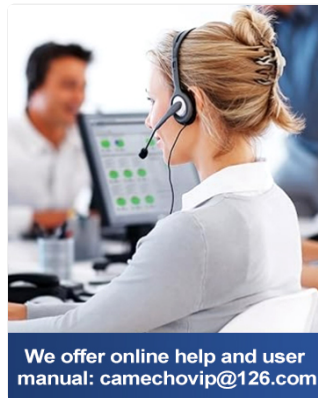


Figure 9.1: Customer Support.

This image depicts a customer service representative, symbolizing the availability of online help and support for the product.