



Vision Series Universal Infotainment System



V13G2C7

INSTALLATION MANUAL

Important Notice!

Please read this installation guide carefully before disassembling your vehicle or making any wire connections. Installing this product requires technical expertise, experience and specialized tools.

If you are unsure about performing the installation steps outlined in this manual, we strongly recommend having the product professionally installed by an authorized VINLAND dealer.

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Chapter 1 Tools Needed & Packing List

Tools needed for installation: Plastic pry tools, Socket wrench (7mm or 10mm, depending on your stereo), Screwdriver, Electrical tape, Scissor, Wrench, Screw Tray/Box, Cable Ties.

Warning:

- We regularly release system updates that may introduce new features or changes not covered in this manual. Always refer to the latest release notes for comprehensive details.
- Download the latest Installation Manual from our website or contact customer support for assistance.
- We strive for comprehensive documentation. If you have questions or encounter issues with your car stereo not covered in this manual, please get in touch with customer support.

Packing List

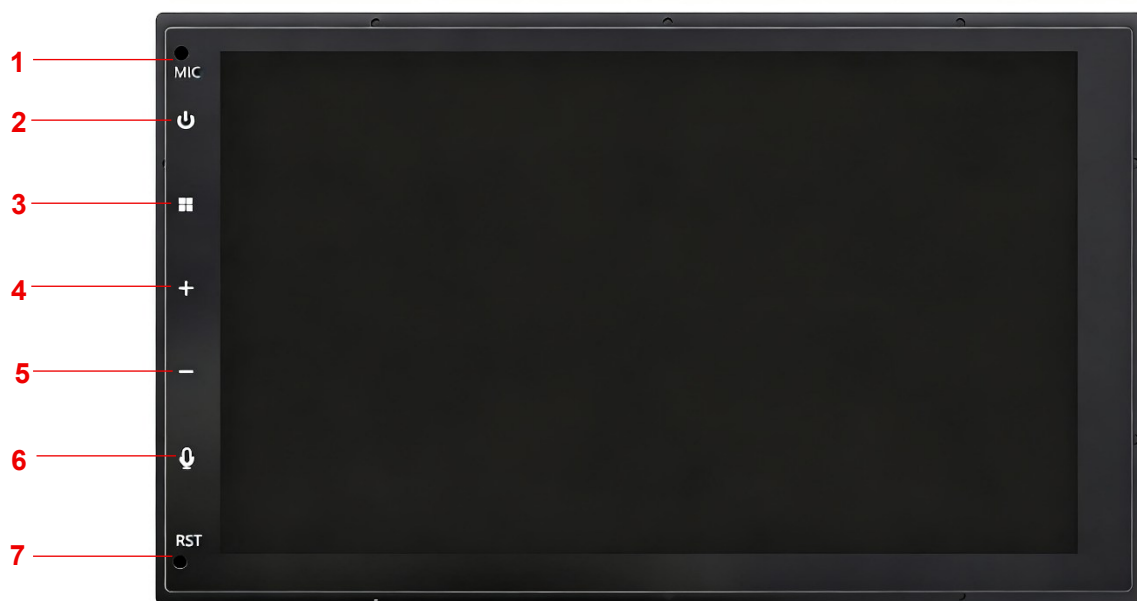
1. 20P Power Harness
2. USB1 Recording Storage
3. USB2 External Storage
4. LTE Adapter
5. External Microphone
6. 4-in-1 Antenna
7. Movable Mounting Brackets
8. PM5*8 Mounting Screws
9. Tri-band Audio with Remote Receiver
10. HD Screen Protector
11. Anti-glare Protector
12. Installation Frame
13. Quick Start Guide
14. Online Resources Quick Guide
15. Warranty Online Support



Chapter 2 Basic Information

This chapter outlines the purpose and functions of each button and port on the V13G2C7 car stereo, offering guidance to ensure proper and efficient operation of the device.

Front Panel Overview



1. Built-in Microphone

Ensure clearer voice pickup for hands-free calls, voice commands, and voice assistant interaction

2. Screen Power Button (⏻):

Long press: turn screen off/on; or long press to turn off screen / short press to turn on screen.

3. Home Button:

Quickly return to the home screen interface for easy switching.

4. Volume Up (+) Button:

Short press to increase system volume.

5. Volume Down (-) Button:

Short press to decrease system volume.

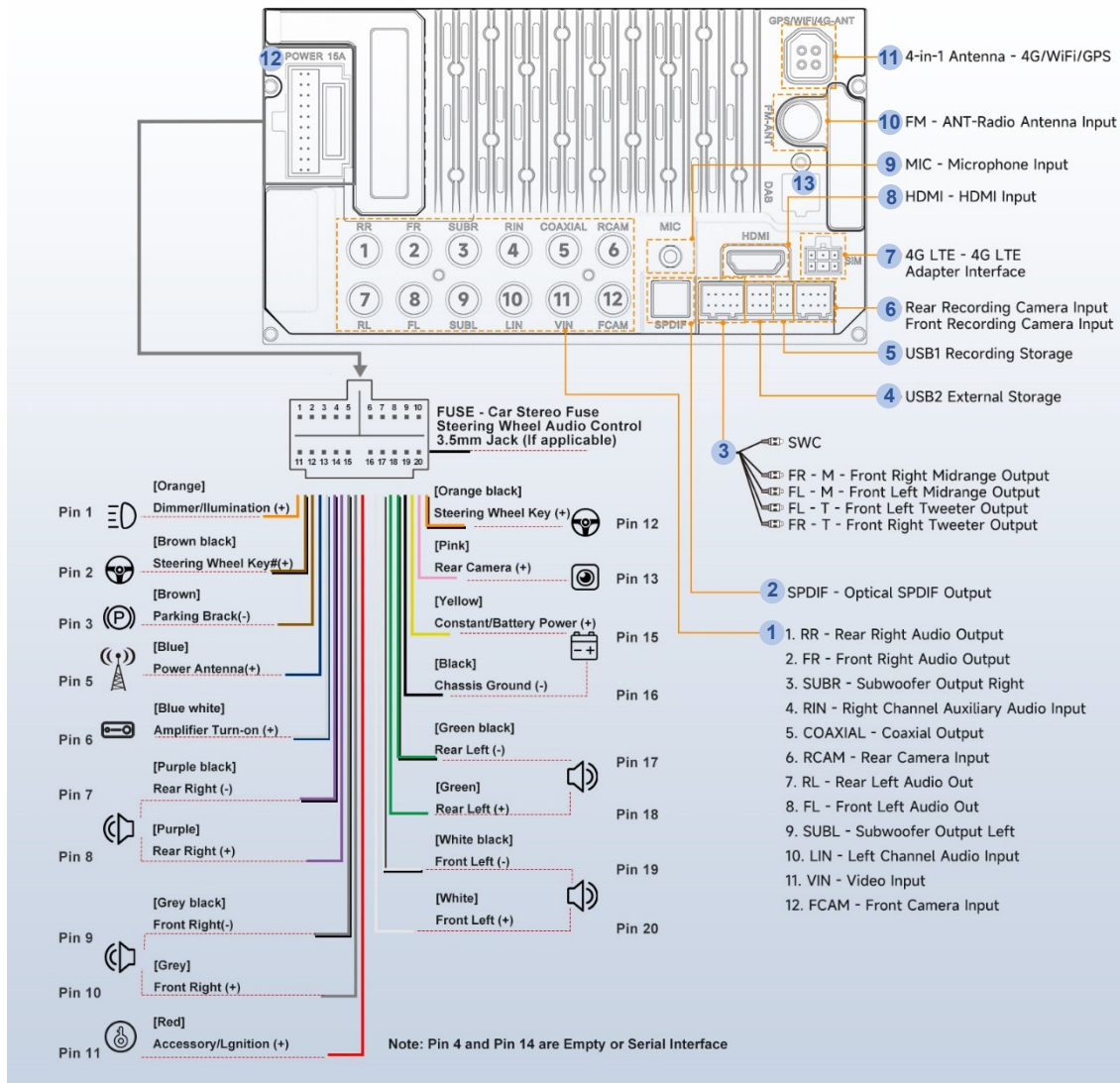
6. Voice Assistant Button:

Long press to activate the voice assistant (Google Assistant / DriveChat Voice Assistant).

7. RST (Reset Hole):

Gently press with a paperclip or similar tool to force restart the system in case of a freeze or abnormal operation.

Rear Panel Connection Ports



1.Port Layout Introduction:

(1) RR–Rear Right Audio Output

Purpose: Outputs audio to the right rear speaker.

(2) FR–Front Right Audio Output

Purpose: Outputs audio to the right front speaker.

(3) SUBR–Subwoofer Output Right

Purpose: Outputs low-frequency audio signals to the right channel of an external subwoofer.

(4) RIN–Right Channel Auxiliary Audio Input

Purpose: Receives right-channel audio input from an external device via the AUX-IN connection.

(5) COAXIAL–Coaxial Output

Purpose: Outputs digital audio signals through a coaxial connection to compatible external audio equipment.

(6) RCAM–Rear Camera Input

Purpose: Receives video signals from the rear-view camera for display on the car stereo screen.

(7) RL–Rear Left Audio Output

Purpose: Outputs audio to the left rear speaker.

(8) FL–Front Left Audio Output

Purpose: Outputs audio to the left front speaker.

(9) SUBL–Subwoofer Output Left

Purpose: Outputs low-frequency audio signals to the left channel of an external subwoofer.

(10) LIN–Left Channel Auxiliary Audio Input

Purpose: Receives left-channel audio input from an external device via the AUX-IN connection.

(11) VIN–Video Input

Purpose: Receives video signals from an external video source (e.g., DVD player, TV box) for playback on the car stereo.

(12) FCAM–Front Camera Input

Purpose: Receives video signals from a front camera for display on the car stereo screen.

2. Optical SPDIF - OUT Port

Purpose: Provides digital audio output to compatible devices.

3. 3-WAY-A Port – Steering Wheel Controller & Audio Crossover Output

Purpose:

- a. Connects a steering wheel controller (SWC).
- b. Provides separated high/mid-frequency audio outputs to amplifiers and speakers.

•FR–M–Front Right Midrange Output:

Purpose: Outputs audio to the front right midrange speaker.

•FL–M–Front Left Midrange Output:

Purpose: Outputs audio to the front left midrange speaker.

•FL–T–Front Left Tweeter Output:

Purpose: Outputs high-frequency audio signals to the front left tweeter.

•FR–T–Front Right Tweeter Output:

Purpose: Outputs high-frequency audio signals to the front right tweeter.

4. USB2 Port–External Storage

Purpose: General-purpose external storage expansion.

5. USB1 Port–DVR Recording Storage

Purpose: Dedicated storage interface for dash cam recording.

6. DVR Port:

·Front Recording Camera Input:

Purpose: Used to connect the signal from a front recording camera to enable front video recording.

·Rear Recording Camera Input:

Purpose: Used to connect the signal from a rear recording camera to enable rear video recording.

7. 4G LTE–4G LTE Adapter Interface:

Purpose: Used to connect a 4G LTE module or adapter to enable cellular network functionality (requires inserting a SIM card and using a compatible module)

8. Mini HDMI - IN Port

Purpose: Allows high-definition video and audio input from external devices.

9. MIC Port

Purpose: Connects an external microphone to improve voice input quality.

10. FM-ANT Port

Purpose: Connects a radio antenna for FM signal reception.

11. GPS/4G/Wi-Fi-ANT Port (4-in-1 Antenna)

Purpose: Connects GPS, 4G mobile network, and Wi-Fi antennas.

12. Power 15A Port

Purpose: Supplies power to the V13G2C7 car stereo.

13.DAB-ANT Port (Optional)

Note: DAB+ functionality is only available in Europe, Australia, and the UK, not in other regions

Purpose: Connects to the external DAB+ antenna accessory for receiving digital radio broadcasts.

Before Installation

1. Check for Potential Obstruction:

To avoid obstructing dashboard components (e.g., buttons, air vents), measure the screen's physical dimensions before installation.

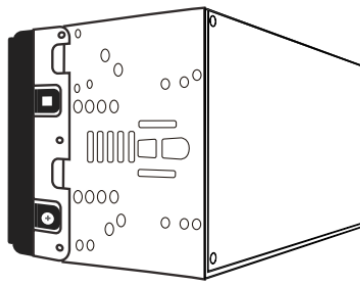
2. Vehicle Compatibility Notice:

This manual is a general reference for vehicles compatible with universal aftermarket car stereos. The installation process may vary based on your vehicle's specific dashboard, wiring, and design. Please adapt the procedure as needed or consult a professional installer.

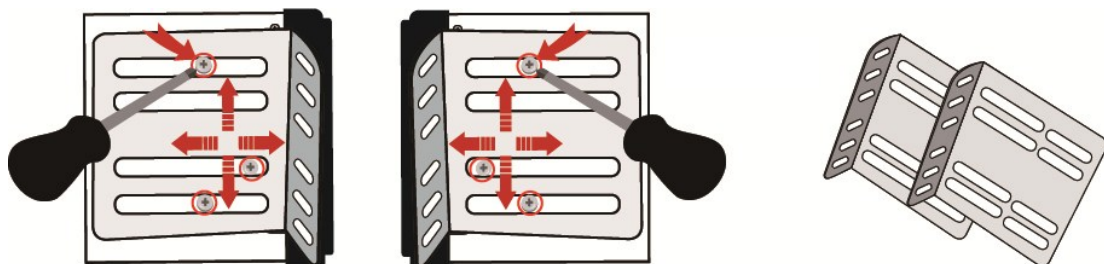
Chapter 3 Installation Process

This section provides a brief overview of the procedures required to install the V13G2C7 car stereo. The instructions are intended to guide you through the process safely, accurately, and efficiently.

For our stereos that doesn't require double-DIN side brackets, such as those with the chassis designs illustrated below:

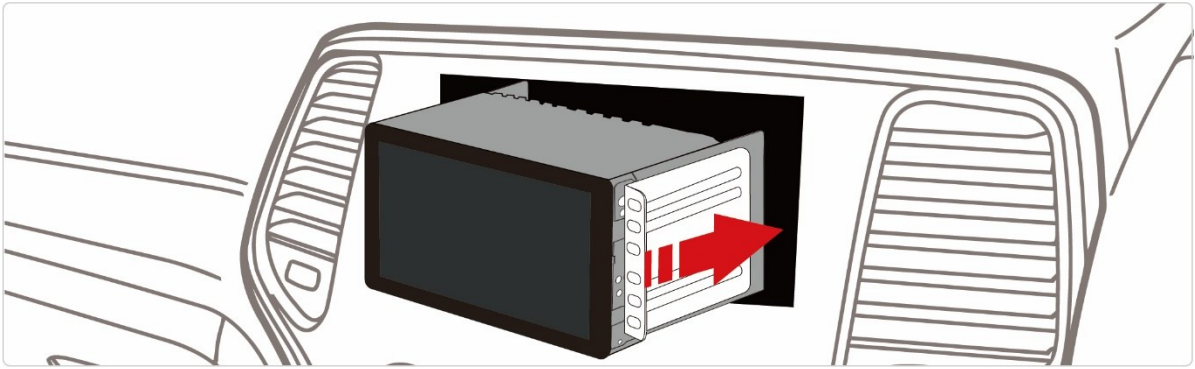


Step 1: Install the Movable mounting brackets on the left and right sides of the car stereo, and lock the fixing screws, as shown below.



Notice: At this step, you may need to use the factory car stereo mounting brackets to fix our car stereo to the dashboard instead (especially for our car stereo with a 205*104mm panel size), but not our removable mounting brackets, which depends on the actual installation situation.

Step 2: After wiring is completed, install and secure the car stereo to the dashboard.



Precautions:

- ①. Use the mounting brackets included in the package or your existing factory brackets, depending on your specific installation requirements. The fixing position may require adjustment based on the actual mounting situation.
- ②. If you encounter any problems or require assistance during installation and use, please contact Vinland support team at email support@vinlandonline.com.

Chapter 5 iDataLink Maestro Compatibility

The V13G2C7 is compatible with the iDataLink Maestro module, enabling you to display engine performance metrics and other vehicle data directly on the touchscreen, while maintaining factory features across many vehicle models.

To check compatibility, visit the iDataLink Maestro website and enter your vehicle information to verify compatibility with a suitable iDataLink Maestro Interface Module for your vehicle. If your vehicle is compatible, you can then purchase our ADS Power Adapter to achieve seamless and advanced integration of your vehicle's original systems with the V13G2C7. This solution provides a more convenient and greater retention of factory features.