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› VECHELT 8 CORE 6G+128G Car Radio for Honda CRV 2012-2016 User Manual

VECHTEL 8 CORE 6G+128G

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Model: 8 CORE 6G+128G

1. PRODUCT OVERVIEW

This manual provides instructions for the VECHELT 8 CORE 6G+128G Android 13 car radio, designed for Honda CRV models from 2012 to 2016. This unit features a 9-inch IPS touchscreen, wireless CarPlay and Android Auto, GPS navigation, Bluetooth 5.0, Wi-Fi, Steering Wheel Control (SWC), Digital Sound Processor (DSP), and includes a backup camera.

For Honda CRV 2012-2016



Image 1.1: VECHTEL Car Radio installed in a Honda CRV dashboard, showing the before and after installation comparison. The top image displays the new unit with various app icons, while the bottom image contrasts the original radio with the new unit.

2. PACKAGE CONTENTS

Verify that all components are present in the package:

- Car Radio Head Unit
- HD Backup Camera
- Power Cable

- RCA Cable
- USB Cable
- Camera Input Cable
- GPS Antenna
- Canbus Decoder (if applicable)
- Installation Tools
- User Manual



Image 2.1: Diagram showing the dimensions of the car radio and a list of included accessories, including various cables, a camera, and installation tools.

3. SETUP AND INSTALLATION

This car radio is specifically designed for Honda CRV 2012-2016 models. Professional installation is recommended.

3.1 Compatibility Check

Before installation, verify the compatibility of the wiring harness by checking the back interface of your original car radio. Refer to the image below for guidance.



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

A



CAR MODELS Attention

Before purchasing, please select the product based on the CD back of your original car. This product only supports option a. If you require option B/C, please contact our customer service for appropriate advice.

B



C



Image 3.1: Diagram showing different types of original car radio back interfaces (A, B, C). Option A, with a specific connector layout, is compatible. Options B and C are not compatible with the provided wiring harness.

3.2 Wiring Connections

Connect the provided cables to the corresponding ports on the car radio and your vehicle's wiring system. Ensure all connections are secure.



Image 3.2: Rear view of the car radio showing labeled connection points for the Power Cable, RCA Cable, USB Cable, Camera Input, GPS Antenna, and Canbus.

3.3 Amplifier Connection (If Applicable)

If your vehicle's amplifier is not working after installation, connect the **AMP-CONT** cable to the **red ACC cable** in the wiring harness.

PLEASE NOTE

If the screen does not turn off after the engine is turned off, cut the yellow wire in the middle, closest to the protocol box is connected to the ACC fuse of the original car. The other end is usually not connected and is wrapped with insulating tape.

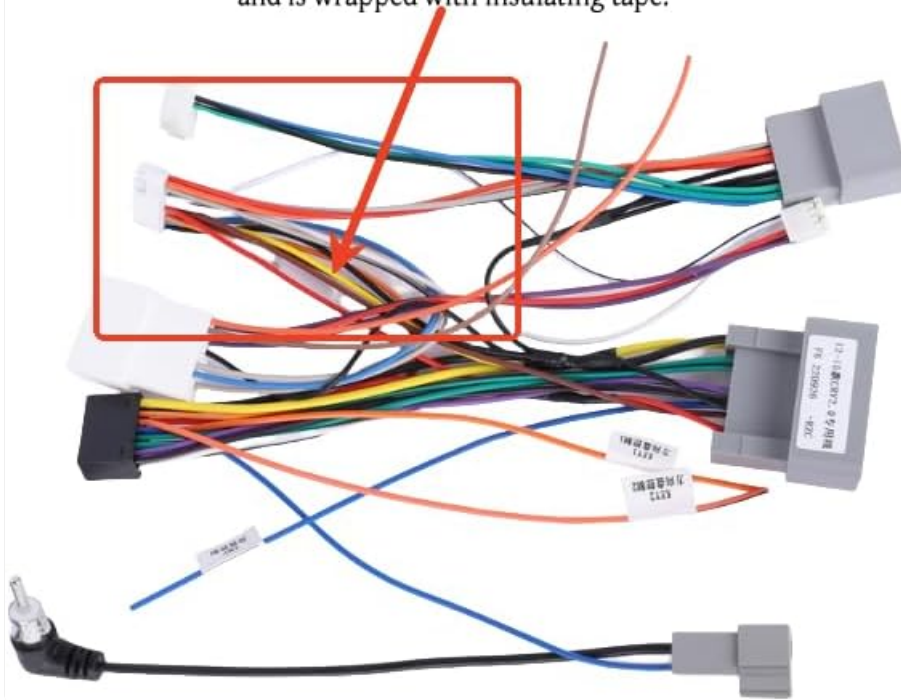


Image 3.3: Wiring diagram highlighting the connection between the AMP-CONT cable and the red ACC cable for amplifier functionality.

3.4 Screen Power Off Issue

If the screen does not turn off after the engine is turned off, you may need to modify the wiring. **Cut the yellow wire** in the middle, closest to the protocol box, and connect it to the **ACC fuse of the original car**. The other end of the cut yellow wire is usually not connected and should be wrapped with insulating tape.

Carplay / Android Auto / Mirror Link



Android/iOS System

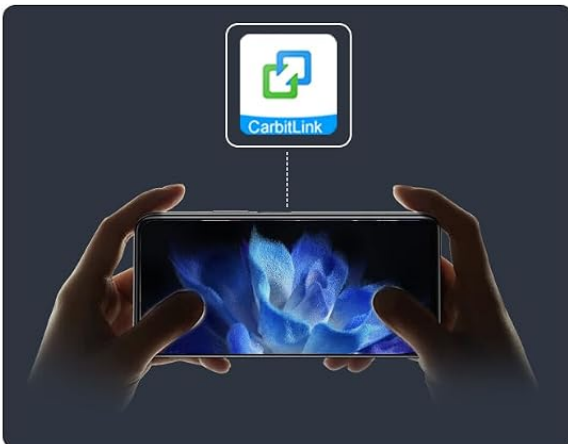


Image 3.4: Wiring diagram showing the yellow wire to be cut and connected to the ACC fuse if the screen does not power off with the engine. The arrow points to the yellow wire in question.

4. OPERATING INSTRUCTIONS

4.1 Wireless CarPlay / Android Auto

The unit supports both wireless and wired connections for Apple CarPlay and Android Auto. This allows for seamless integration of your smartphone for navigation, music, calls, and more. Voice control via Siri is also supported.

- **Wireless Connection:** Enable Bluetooth and Wi-Fi on your smartphone and connect to the car radio's corresponding network. Follow the on-screen prompts to establish the CarPlay or Android Auto connection.

- **Wired Connection:** Connect your smartphone to the car radio via a USB cable. The system should automatically detect and launch CarPlay or Android Auto.



Image 4.1: Illustration of wireless and wired CarPlay/Android Auto functionality, showing a smartphone connected to the car radio display, with icons for GPS, calling, and online music.

4.2 GPS Navigation & Wi-Fi

The unit supports both online and offline navigation. Connect to Wi-Fi to download offline maps or use online navigation services. Wi-Fi also enables downloading various applications from the app store.

- **Online Navigation:** Connect to a Wi-Fi hotspot (e.g., from your phone) to use real-time navigation apps.
- **Offline Maps:** Download map data for your region via Wi-Fi for navigation without an internet connection.
- **App Downloads:** Use the Wi-Fi connection to access the app store and download additional applications.

High Performance Processor + Large Memory



Image 4.2: Car radio display showing GPS navigation with online and offline map options, and a grid of app icons for Wi-Fi connectivity, indicating support for various applications.

4.3 Bluetooth 5.0

Bluetooth 5.0 provides stable and fast connections for hands-free calling and audio streaming.

- **Pairing:** Go to the Bluetooth settings on the car radio and your phone. Search for available devices and select the car radio to pair.
- **Functions:** Once paired, you can make/receive calls, play music, and access phone contacts directly from the car radio.



Image 4.3: Illustration of Bluetooth 5.0 connectivity for calls and music streaming, alongside an FM/RDS radio interface showing frequency tuning.

4.4 FM/RDS Radio

Access local radio stations with FM/RDS functionality. RDS provides additional information like station name and song title.

- **Tuning:** Use the on-screen controls to scan for stations or manually tune to a specific frequency.
- **Presets:** Save your favorite stations for quick access.

4.5 Steering Wheel Control (SWC)

Control the car radio functions directly from your vehicle's steering wheel buttons for a safer driving experience.

- **Configuration:** Access the SWC settings in the car radio menu to map your steering wheel buttons to specific functions (e.g., volume, track skip, mode).



Image 4.4: Illustration showing a backup camera view with parking lines and a steering wheel with control buttons, indicating the integration of these features.

4.6 HD Rear Camera

The included waterproof night vision camera provides clear reversing images, aiding in parking and improving safety.

- **Activation:** The camera view automatically displays when the vehicle is shifted into reverse.

- **Trackline:** If the reverse trackline is not displayed, navigate to **Car info app > About > Custom set** and enable **Show static trackline**.

4.7 Mirror Link

Mirror Link allows you to display your smartphone's screen directly onto the car radio's display, supporting both Android and iOS devices.



Image 4.5: Illustration of Mirror Link functionality, showing a smartphone screen mirrored onto the car radio display, compatible with Android and iOS systems.

4.8 Split-Screen Display & UI Themes

The 9-inch IPS HD touchscreen supports split-screen display, allowing you to run two applications simultaneously. You can also customize the interface with various UI themes.

- **Split-Screen:** Long-press an app icon and drag it to one side of the screen to activate split-screen mode.
- **UI Themes:** Access the settings menu to browse and apply different UI themes to personalize your car radio's appearance.

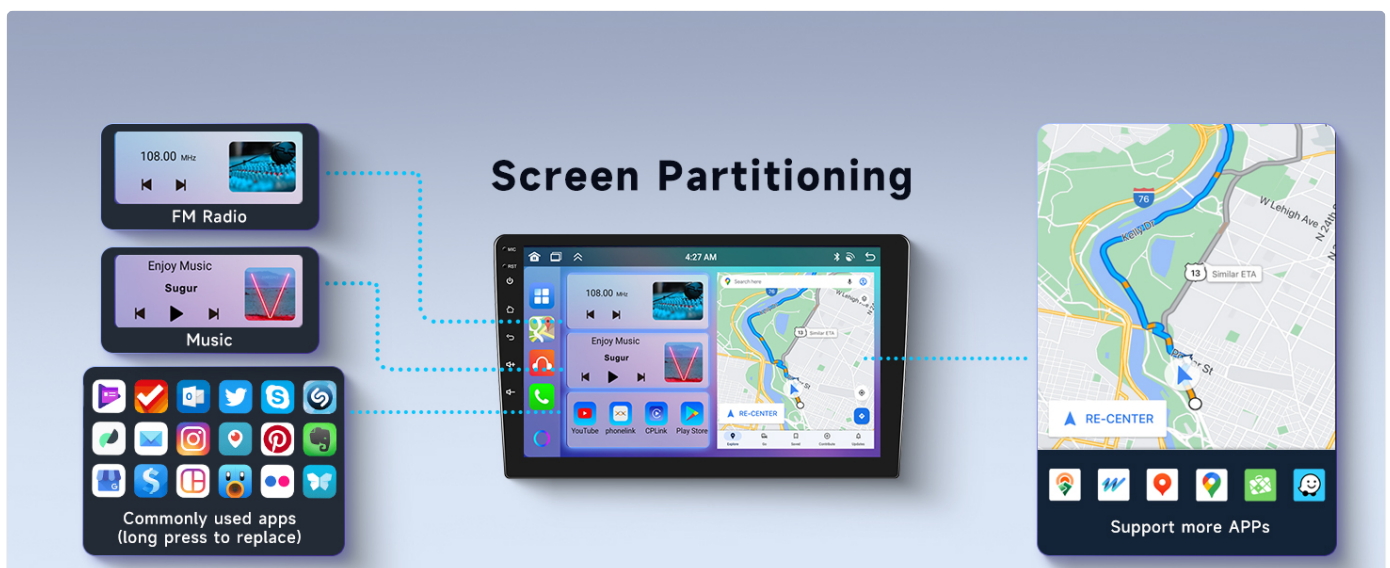


Image 4.6: Illustration of the split-screen feature, showing two applications (e.g., FM Radio and Navigation) running side-by-side on the car radio display.

5. SPECIFICATIONS

Brand	VECHTEL
Model	8 CORE 6G+128G
Operating System	Android 13.0
RAM	6GB
ROM	128GB
CPU	8 Core
Screen Size	9 Inches
Resolution	1280 x 720 IPS HD
Connectivity	Bluetooth 5.0, USB, Wi-Fi
Special Features	Wireless CarPlay/Android Auto, GPS, DSP (32-band EQ), Mirror Link, SWC, FM/RDS Radio, Backup Camera Support
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount

6. TROUBLESHOOTING

- **Amplifier Not Working:** Ensure the **AMP-CONT** cable is connected to the **red ACC cable**. Refer to Section 3.3.
- **Screen Does Not Turn Off:** If the screen remains on after the engine is off, follow the instructions in Section 3.4 regarding the yellow wire and ACC fuse connection.
- **Reverse Trackline Not Displayed:** Go to **Car info app > About > Custom set** and activate **Show static trackline**.
- **Connectivity Issues (CarPlay/Android Auto, Bluetooth, Wi-Fi):** Ensure all cables are securely connected. Try restarting the car radio and your smartphone. Check Bluetooth and Wi-Fi settings on both devices.
- **No Sound/Static:** Verify speaker connections and amplifier wiring. Check audio settings on the car radio, including DSP equalizer settings.

7. MAINTENANCE

- To ensure optimal performance and longevity of your VECHTEL car radio, follow these maintenance guidelines:
- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
 - **Software Updates:** Periodically check for available software updates through the system settings or the manufacturer's website to ensure you have the latest features and bug fixes.
 - **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

8. SUPPORT AND WARRANTY

For any issues, including compatibility problems (e.g., mismatched wiring or shape), technical assistance, or warranty inquiries, please contact VECHTEL customer support directly through Amazon. Provide your car model year and a picture of your center console or original radio back for faster assistance.

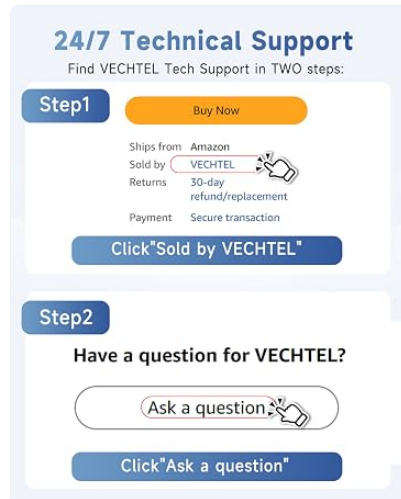


Image 8.1: Instructions on how to contact VECHTEL technical support via Amazon by clicking 'Sold by VECHTEL' and then 'Ask a question'.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B0CSSS98Q2>

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