Adapter-Universe 4GB+64GB

Adapter-Universe 4G+64G Android 12 Car Radio Instruction Manual

For Honda CRV 2007-2011 (Model: 4GB+64GB)

Overview Installation Operation Specifications Troubleshooting Support

1. Product Overview

The Adapter-Universe 4G+64G Android 12 Car Radio is a 9-inch IPS HD touch screen head unit designed for Honda CRV models from 2007 to 2011. It features a powerful 4-core processor with 4GB RAM and 64GB ROM, ensuring smooth operation and quick response times. This unit integrates various functionalities to enhance your driving experience, including wireless CarPlay and Android Auto, GPS navigation, Bluetooth 5.2, FM radio, and support for a 1080P rear camera.



Image 1.1: The 9-inch Android 12 Car Radio seamlessly integrated into a Honda CRV dashboard.

Compatibility

This car radio is specifically designed for Honda CRV models manufactured between 2007 and 2011. Please ensure your vehicle's dashboard configuration matches the compatible designs shown below. If your car has a factory screen, this radio may not fit, and the power cable may not be compatible.



Image 1.2: Visual guide for Honda CRV 2007-2011 dashboard compatibility. Green checks indicate compatible dashboards, while a red cross indicates an incompatible dashboard with a factory screen.

2. Installation Guide

The installation process for the Adapter-Universe car radio is designed to be straightforward. The package includes all necessary components for a complete setup. It is recommended to consult a professional for installation if you are unfamiliar with car audio systems.

2.1 Package Contents

Before beginning installation, verify that all components are present in the package:

- Radio Unit
- Power Cable & RCA Cable
- USB Cable & Microphone Cable
- HD 1080P Backup Camera & Camera Cable
- GPS Antenna & Signal Cable
- User Manual



Image 2.1: Detailed view of the package contents, including the head unit, various cables, backup camera, microphone, and GPS antenna.

2.2 Basic Installation Steps (General)

1. **Disconnect Battery:** Always disconnect the vehicle's negative battery terminal before starting any electrical work.
2. **Remove Old Head Unit:** Carefully remove the existing car radio and trim panels.
3. **Connect Wiring Harness:** Connect the provided power cable and RCA cables to the new head unit and the vehicle's wiring harness. Ensure all connections are secure.
4. **Install GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield.
5. **Install External Microphone:** Connect the external microphone and route it to a suitable location for clear voice pickup.
6. **Install Backup Camera (Optional):** If installing the backup camera, route the camera cable from the rear of the vehicle to the head unit and connect it to the reversing input.
7. **Test Connections:** Before fully reassembling the dashboard, reconnect the battery and power on the unit to test all functions (radio, display, sound, GPS, camera, etc.).
8. **Secure Head Unit:** Once tested, secure the new head unit in the dashboard and reattach all trim panels.

3. Operating Instructions

This section details the various features and how to operate your new Android 12 car radio.

3.1 Wireless CarPlay & Android Auto

The head unit supports both wireless CarPlay for iOS devices and wireless Android Auto for Android devices. This allows for seamless integration of your smartphone's features onto the car's display.

- **Connection:** Connect your smartphone via Bluetooth to the head unit. Once paired, select the CarPlay or Android Auto icon on the screen.
- **Features:** Access navigation, make hands-free calls, send and receive messages, and enjoy music and podcasts directly from your phone's interface on the 9-inch screen.
- **Voice Assistant:** Utilize Siri or Google Assistant for voice commands, enhancing safety while driving.



Image 3.1: The car radio displaying the user-friendly interfaces of Wireless CarPlay and Android Auto.

3.2 GPS Navigation

The unit comes with a built-in GPS navigation module and an external GPS antenna, supporting both offline and online maps. You can use pre-installed offline maps or connect to Wi-Fi/hotspot to use online

navigation apps like Google Maps.

- **Offline Maps:** Access pre-loaded maps without an internet connection.
- **Online Maps:** Connect to Wi-Fi or a mobile hotspot to use real-time navigation with traffic updates.



Image 3.2: The car radio displaying a detailed GPS navigation map.

3.3 Bluetooth 5.2

With Bluetooth 5.2, you can enjoy stable and fast connections for hands-free calling and wireless audio streaming.

- **Hands-Free Calls:** Make and receive calls directly from the head unit. The built-in noise-canceling microphone and external microphone ensure clear audio.
- **Audio Streaming:** Play music, podcasts, and other audio content from your smartphone wirelessly.



Image 3.3: Bluetooth 5.2 interface for calls and music playback.

3.4 FM Radio

The unit includes an FM radio tuner with RDS support, allowing you to access your favorite radio stations.

- **Preset Stations:** Easily save and access up to 30 preset FM stations via the touch screen.
- **RDS:** Radio Data System provides additional information like station name and song title (where available).



Image 3.4: FM Radio interface with frequency display and preset buttons.

3.5 Rear View Camera

A 1080P HD rear view camera is included to assist with parking and reversing. The screen automatically switches to the camera view when the vehicle is put into reverse gear.

- **Waterproof & Night Vision:** The camera is designed for durability and functionality in various conditions.
- **170° Wide Viewing Angle:** Provides a broad perspective to help avoid obstacles.



Image 3.5: Rear view camera display with parking guidelines and camera features.

3.6 Steering Wheel Control (SWC)

The unit supports steering wheel controls, allowing you to manage audio functions without taking your hands off the wheel. This feature enhances driving safety and convenience.

- **Customization:** You can customize the steering wheel buttons to control various functions of the car radio.



Image 3.6: Steering Wheel Control (SWC) learning interface for button customization.

3.7 Wi-Fi Connection

Connect the head unit to Wi-Fi or your phone's hotspot to access online features, download apps, and browse the internet.

- **Internet Access:** Browse the web, stream content, and use online services.
- **App Downloads:** Install various applications from the app store.



Image 3.7: Wi-Fi hotspot connection interface with examples of accessible applications.

3.8 DSP & EQ Setting

The Digital Sound Processor (DSP) and Equalizer (EQ) settings allow for advanced audio customization to optimize sound quality within your vehicle.

- **48 EQ Options:** Fine-tune audio output with a wide range of equalizer presets and custom settings.
- **HI-FI Audio:** Experience high-fidelity sound reproduction.



Image 3.8: DSP and EQ settings interface for advanced audio customization.

3.9 9-inch IPS HD Touch Screen

The large 9-inch IPS HD touch screen provides a clear and vibrant display for all functions.

- **1080P Video Player:** Supports high-definition video playback.
- **Split Screen:** Use two applications simultaneously on the screen.
- **Airplay/Mirroring Link:** Mirror your smartphone screen onto the head unit.

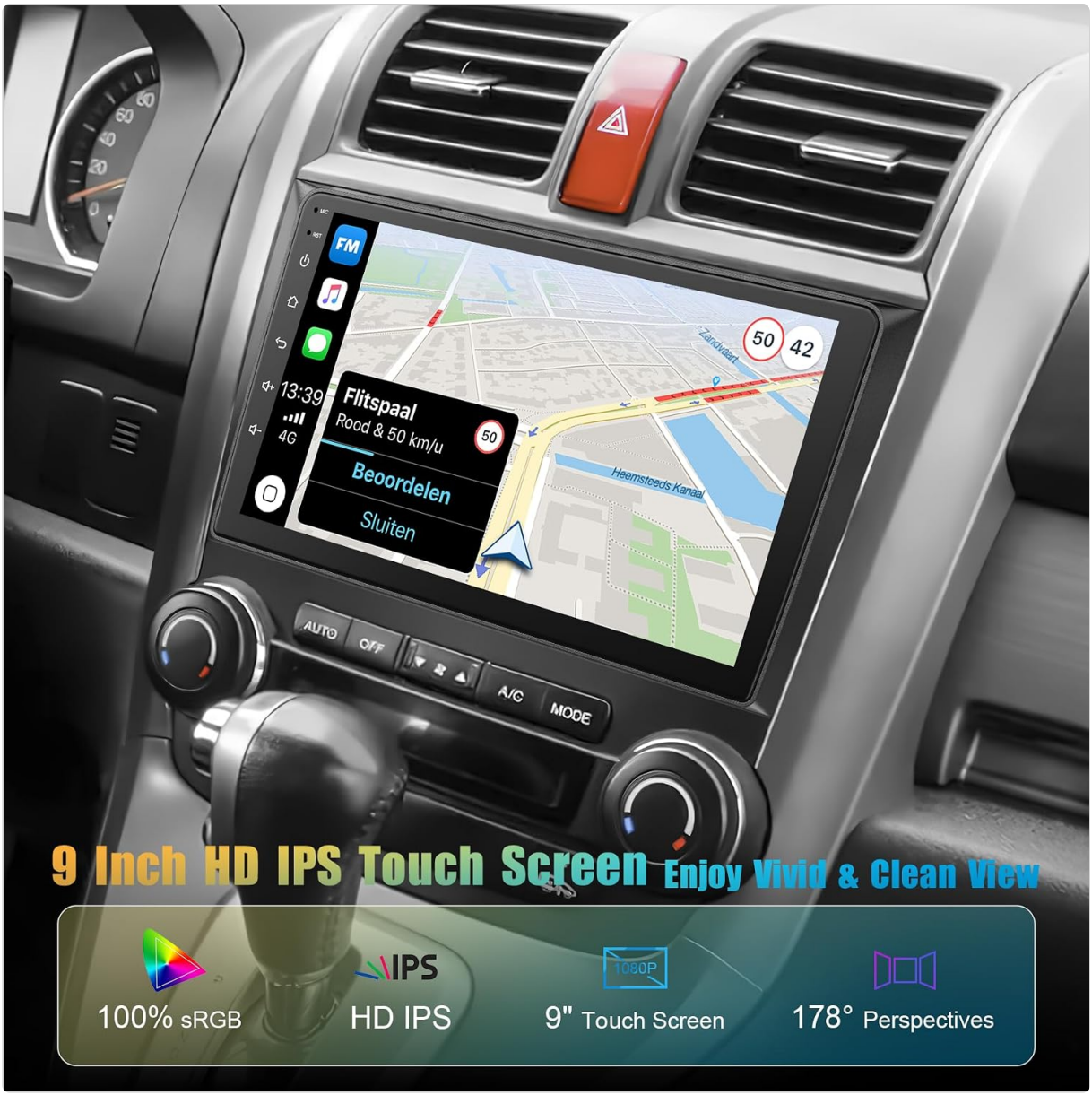


Image 3.9: The 9-inch IPS HD touch screen showcasing its vivid display and wide viewing angles.

3.10 Media Playback

The car radio supports multi-format music and 1080p video playback. You can play media from USB drives or through connected devices via CarPlay/Android Auto or Bluetooth.

Video 3.10: A short video demonstrating media playback on the car radio screen while installed in a Honda CRV.

4. Product Specifications

Feature	Detail
Operating System	Android 12
RAM	4GB
ROM	64GB
Display Size	9 Inches

Display Type	IPS HD Touch Screen
Connectivity	Wi-Fi (5G), Bluetooth 5.2
Navigation	Built-in GPS Module, Offline/Online Maps (Worldwide)
Special Features	Wireless CarPlay & Android Auto, Mirror Link, DSP & EQ Setting (48 options), FM Radio (RDS), 1080P Video Player, Split Screen, Steering Wheel Control (SWC), Back-up Camera support
Included Components	Radio unit, Power cable, RCA cable, USB cable, Microphone cable, HD 1080P Backup camera, Camera cable, GPS antenna, Signal cable, User Manual
Item Weight	3.14 pounds
Package Dimensions	14.33 x 8.5 x 4.88 inches

5. Troubleshooting

This section addresses common issues you might encounter with your car radio.

5.1 No Power / Unit Not Turning On

- **Check Power Connections:** Ensure the power cable is securely connected to both the head unit and the vehicle's power source. Verify that the vehicle's fuse for the radio is intact.
- **Battery Connection:** Confirm the vehicle's battery is properly connected and charged.

5.2 Steering Wheel Controls Not Working

- **Wiring Check:** Ensure all SWC wires are correctly connected to the vehicle's wiring harness. A loose or incorrect connection can prevent functionality.
- **SWC Learning:** Access the SWC learning function in the unit's settings menu and follow the on-screen instructions to program the buttons.

5.3 Poor GPS Signal

- **Antenna Placement:** Ensure the GPS antenna is mounted in a location with a clear, unobstructed view of the sky. Avoid placing it under metal objects.
- **Antenna Connection:** Verify the GPS antenna cable is securely connected to the head unit.

5.4 Bluetooth Connection Issues

- **Pairing Mode:** Ensure the head unit is in Bluetooth pairing mode and your phone's Bluetooth is enabled and discoverable.
- **Forget Device:** On your phone, forget the head unit from your Bluetooth device list and attempt to pair again.
- **Restart Devices:** Restart both the head unit and your smartphone.

6. Warranty and Support

6.1 Warranty Information

This product comes with a 2-year warranty. Please retain your proof of purchase for any warranty claims.

6.2 Customer Support

For any questions, technical assistance, or troubleshooting not covered in this manual, please contact Adapter-Universe customer support. We offer 24/7 support to ensure you have an exceptional experience with our products.
Contact information can typically be found on the product packaging or the official Adapter-Universe website.

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