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- › [Realdio](#) /
- › Realdio Car Stereo Radio User Manual for Honda CRV (2007-2011)

Realdio Realdio-A7158A3662H1MI2

Realdio Car Stereo Radio User Manual for Honda CRV (2007-2011)

Model: Realdio-A7158A3662H1MI2

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Realdio Car Stereo Radio, specifically designed for Honda CRV models manufactured between 2007 and 2011. Please read this manual thoroughly before installation and use to ensure proper function and to maximize your experience with the device.

The Realdio Car Stereo Radio features an Android operating system, wireless CarPlay and Android Auto, GPS navigation, Bluetooth 5.0, FM/RDS radio, and a responsive touchscreen interface.



Figure 1.1: Readio Car Stereo Radio and included components (main unit, camera, microphone, smartphone displaying CarPlay/Android Auto).

2. COMPATIBILITY AND IMPORTANT NOTES

- **Vehicle Compatibility:** This unit is compatible with Honda CRV models from 2007, 2008, 2009, 2010, and 2011.
- **Original Power Amplifier:** The unit is compatible with the original car power amplifier system. Ensure the original car power amplifier control cable is connected to the red ACC wire of the provided power cable.
- **Navigation System:** This cable set does **NOT** support original cars equipped with a factory navigation (NAVI) system. If your vehicle has a factory NAVI system, additional components or modifications may be required, which are not covered by this manual.

For Honda CRV 2007-2011

Cable does NOT support the original car with NAVI system (Purchase If Needed)



Figure 2.1: Visual representation of the Realdio Car Stereo installed in a Honda CRV dashboard, showing compatible and incompatible original setups.

3. SETUP AND INSTALLATION

3.1. Pre-Installation Checklist

- Ensure the vehicle's battery is disconnected before starting installation.
- Verify all components listed in the packaging are present.
- Confirm compatibility with your Honda CRV model and year (2007-2011).
- Gather necessary tools (e.g., screwdrivers, wire strippers, electrical tape).

3.2. Wiring Connections

1. **Power Connection:** Connect the main power harness to the vehicle's wiring. Ensure the red ACC wire from the stereo's power cable is connected to the original car's power amplifier control cable if your vehicle has one.

2. **Antenna Connection:** Connect the radio antenna cable.
3. **GPS Antenna:** Connect the GPS antenna and mount it in a location with a clear view of the sky (e.g., dashboard, corner of the windshield).
4. **USB Cables:** Connect the provided USB extension cables for external devices.
5. **Rear View Camera (Optional):** If installing a rear view camera, connect its video input to the designated "Reversing Input" port (AHD 720/CVBS) on the stereo unit. Connect the camera's power to the vehicle's reverse light circuit.
6. **External Microphone (Optional):** Connect the external microphone for improved call quality.
7. **Steering Wheel Control (SWC):** Connect the SWC wires according to your vehicle's wiring diagram. Configuration will be done in the software settings.

3.3. Physical Installation

1. Carefully remove the original car stereo and trim panels. Refer to your vehicle's service manual for specific instructions.
2. Mount the Realdio Car Stereo into the dashboard opening, ensuring all cables are properly routed and secured.
3. Reinstall the trim panels and secure the unit.

3.4. Initial Power-On

Reconnect the vehicle's battery. Turn on the ignition. The stereo should power on automatically. Follow any on-screen prompts for initial setup.

4. OPERATING INSTRUCTIONS

4.1. Basic Functions

- **Power On/Off:** Press and hold the power button (usually a physical button or an icon on the screen) to turn the unit on or off. A short press typically mutes/unmutes audio.
- **Volume Control:** Adjust volume using the physical knob (if present) or on-screen controls.
- **Touchscreen Operation:** Navigate the interface by tapping, swiping, and pinching on the responsive touchscreen.

4.2. Wireless CarPlay & Android Auto

This unit supports wireless CarPlay and Android Auto for seamless integration with your smartphone. This allows access to navigation, calls, messages, and music directly from the stereo display.

1. Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
2. On the car stereo, open the CarPlay or Android Auto application.
3. Follow the on-screen instructions to pair your phone via Bluetooth. Once paired, the system will establish a Wi-Fi connection for wireless CarPlay/Android Auto.
4. Activate voice assistants (Siri or Google Assistant) for hands-free control.

Wireless Carplay & Android Auto & Mirror Link



Figure 4.1: Overview of wireless connectivity options including CarPlay, Android Auto, and Mirror Link, showing hands-free calling, online music, and GPS navigation.

4.3. GPS Navigation & WiFi Hotspot

The unit includes built-in GPS capabilities and supports both online and offline navigation applications.

- **Online Navigation:** Connect the stereo to a Wi-Fi hotspot (e.g., from your smartphone) to use online navigation apps and download map updates from the Google Play Store.
- **Offline Navigation:** Pre-installed or downloaded offline maps can be used without an internet connection.
- **Satellite Positioning:** The system supports GPS, Beidou, Galileo, and Glonass for accurate positioning.



Figure 4.2: Illustration of WiFi connectivity for app downloads and media streaming, alongside GPS navigation with both offline and online map options.

4.4. Bluetooth 5.0 & FM/RDS Radio

- **Bluetooth Pairing:**

- Go to the Bluetooth settings on the stereo.
- Enable Bluetooth on your smartphone and search for available devices.
- Select the stereo's Bluetooth name (e.g., "Readio Car Stereo") and confirm pairing.

- **Hands-Free Calling:** Once paired, you can make and receive calls directly through the stereo using the built-in or external microphone.
- **Audio Streaming:** Play music from your smartphone wirelessly via Bluetooth.
- **FM/RDS Radio:** Access the FM radio application. Use the on-screen controls to scan for stations, save presets, and view RDS (Radio Data System) information where available.



Figure 4.3: Visuals demonstrating Bluetooth 5.0 connectivity for phone calls and music streaming, along with FM/RDS radio interface showing frequency tuning.

4.5. UI Themes and Split-Screen Functionality

- **UI Themes:** Navigate to the system settings to explore and select various desktop themes to personalize the interface.
- **Split-Screen:** This feature allows you to run two applications simultaneously on the screen (e.g., navigation on one side and music player on the other). To activate, typically drag an app icon to one side of the screen or use the recent apps menu.
- **Equalizer (32EQ):** Access the audio settings to adjust the 32-band equalizer for customized sound output.

UI Display & Split Screen



Figure 4.4: Examples of customizable UI themes, split-screen mode displaying two applications, the 2.5D curved screen design, and the audio equalizer interface.

4.6. Steering Wheel Control (SWC)

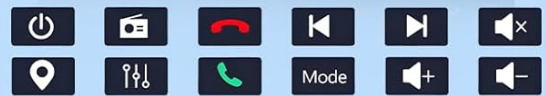
If your vehicle supports steering wheel controls and you have connected the SWC wires during installation, you can configure them through the stereo's settings.

1. Go to "Settings" and find the "Steering Wheel Control" or "SWC" option.
2. Follow the on-screen instructions to map each button on your steering wheel to the desired function on the stereo (e.g., volume up/down, track skip, mode, answer call).

4.7. Rear View Camera

When a compatible rear view camera is connected and properly installed, the stereo will automatically display the camera feed when the vehicle is shifted into reverse gear.

Steering Wheel Control



Rear View Camera



Figure 4.5: Diagram showing the configuration interface for steering wheel controls and a demonstration of the rear view camera display with parking guidelines.

4.8. Factory Settings Keyword

Accessing advanced factory settings may require a keyword. The provided keywords are **8317** or **8888**. Use these with caution as incorrect changes can affect device functionality.

5. MAINTENANCE

- **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 software updates through the system settings or the manufacturer's website to ensure optimal performance and access to new features.
- **General Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; blown fuse; vehicle battery disconnected.	Check all power connections, especially the ACC wire. Inspect vehicle fuses. Ensure battery is connected.
No sound output.	Volume muted; incorrect audio source; speaker wires disconnected; original amplifier not connected correctly.	Check volume and mute status. Select correct audio source. Verify speaker wire connections. Ensure original amplifier control cable is connected to ACC.
CarPlay/Android Auto not connecting wirelessly.	Bluetooth/Wi-Fi off on phone; incorrect pairing; phone not supported.	Ensure Bluetooth and Wi-Fi are active on your phone. Re-attempt pairing. Check phone compatibility.
GPS signal weak or inaccurate.	GPS antenna obstructed or improperly placed.	Relocate the GPS antenna to a position with a clear view of the sky. Check antenna connection.
Rear view camera not displaying.	Camera not connected; power issue; incorrect input selected.	Verify camera video and power connections. Ensure vehicle is in reverse. Check camera settings in stereo.

7. SPECIFICATIONS

System	Android
Memory	4GB (RAM) + 64GB (ROM)
CPU	RK3326S
Operating Speed	1.5GHz
Screen Resolution	1280 x 720
Radio Band	FM/RDS
Reversing Input	AHD 720/CVBS
Satellite Positioning	GPS/Beidou/Galileo/Glonass
Power Amplifier Chip	7388
Bluetooth Version	5.0
Split Screen	Support
Video Output	Not Supported
Connectivity Technology	Bluetooth, USB, Wi-Fi, FM/RDS, RCA
Compatible Devices	Smartphone

Audio Output Mode	APE/FLAC/WAV/MP3/WMA etc.
Color	Black
Item Weight	1.38 Kilograms
Control Method	Touch
Visible Screen Diagonal	9" / 23 cm

8. WARRANTY AND SUPPORT

Specific warranty information for the Realdio Car Stereo Radio is typically provided at the point of purchase or within separate warranty documentation included with the product. Please refer to those documents for details regarding warranty coverage, terms, and conditions.

For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact Realdio customer support through the contact information provided on their official website or through your retailer.

