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> JOYING Car Radio for Honda CRV 2017-2022 (Model JY-HT114N8) User Manual

JOYING JY-HT114N8

JOYING Car Radio User Manual

MODEL: JY-HT114N8 FOR HONDA CRV 2017-2022

Brand: JOYING

1. Product Overview

The JOYING JY-HT114N8 is an 11.6-inch IPS touchscreen car stereo designed for Honda CRV models from 2017 to 2022. It operates on Android 13 and features wireless CarPlay, Android Auto, Bluetooth, 5G WiFi, GPS navigation, and mirror link capabilities. This manual provides instructions for installation, operation, and maintenance.



11.6" For Honda CRV 2017-2022

- Factory USB
- OEM Amplifier
- Factory Reverse Camera
- Air Conditioning Info Pop-up Notification
- Factory Door Information
- Factory Steering Wheel Control
- Factory LaneWatch Camera
- Factory Track Line / Parking Sensor



LHD User Interface



RHD User Interface

Image 1: JOYING Car Radio main display with Android 13 interface and LHD/RHD user interface options.

2. What's in the Box

Verify that all components are present in the package:

- 11.6" Radio Unit x1
- Single DIN Cage x1
- Left & Right Bracket x1
- WiFi Antenna x1
- GPS Antenna x1
- 4G Antenna x2
- External Microphone x1
- USB Cable x2
- AR Cable x1
- Screen Ribbon Cable x1
- Power Cable x1

3. Installation Guide


Proper installation is crucial for optimal performance. It is recommended to consult a professional for installation if you are unfamiliar with car electronics.

3.1. Wiring Harness Selection


Select the correct wiring harness (A, B, or C) based on your vehicle's original radio configuration. Refer to the image below to identify the appropriate harness for your Honda CRV (2017-2022).

Purchase Guide


There are 3 different wiring harnesses for this model, please choose the right one for your car according to the options, the radio will not be installed if the wiring harness does not fit. If you're not sure which one to choose, send us a photo of your factory radio and we'll check it out for you.



For this OEM radio, please select **"A: Wiring Harness"** at the time of purchase.



For this OEM radio without factory amplifier, please select **"B: Wiring Harness"** at the time of purchase.



For this OEM radio with factory amplifier, please select **"C: Wiring Harness"** at the time of purchase.

Image 2: Wiring Harness Selection Guide.

3.2. General Installation Steps

The installation process typically involves removing the original head unit, connecting the new wiring harness, and securing the new unit. Ensure all connections are firm before reassembling the dashboard.

Video 1: Installation Guide for Honda CRV 2017-2021. This video demonstrates the general steps for installing the car stereo in

compatible Honda CRV models.

Video 2: Car Radio Rear Panel Wiring Guide. This video provides a detailed guide on connecting the various cables to the rear panel of the car radio.

Video 3: Center Console Disassembly Wiring Method. This video illustrates the process of disassembling the center console for wiring the car stereo.

3.3. CAN Bus Setting

If your vehicle is equipped with a CAN bus system, ensure the communication protocol switch (white button) on the rear of the unit is set to the right side (CAN) for proper functionality.

4. Operating Instructions

4.1. Fast Boot Feature

The unit supports a fast boot feature. Once the car key is inserted, the system will start up and enter the user interface within 2 seconds. The initial boot-up may take approximately 30-40 seconds.

4.2. Wireless CarPlay & Android Auto

Connect your mobile phone to the car radio via USB cable or Bluetooth to utilize CarPlay or Android Auto. This allows you to access your phone's applications for navigation, calls, and music directly on the larger screen.

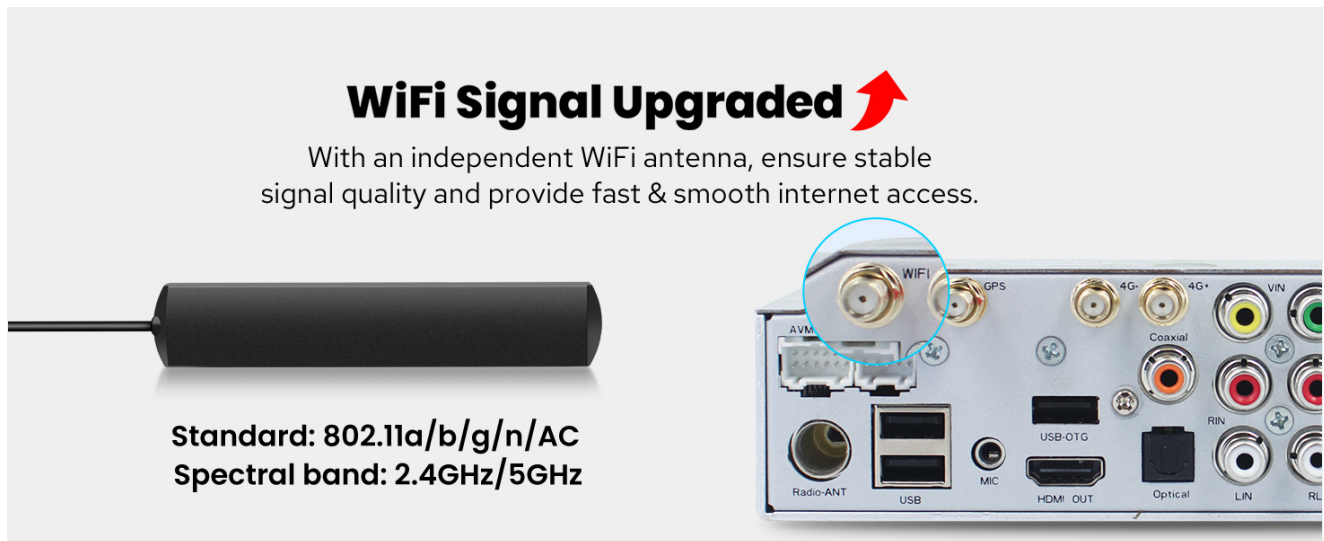


Image 3: Wireless CarPlay and Android Auto interfaces.

4.3. GPS Navigation

The unit features precise GPS engines and includes a GPS antenna for accurate positioning and real-time navigation. Offline maps are supported; you can download map data for specific areas and use them without an internet connection. Mobile phone map data can also be synchronized via CarPlay/Android Auto.

4.4. Built-in 4G Module

Insert a SIM card into the unit for internet access. Note that this feature supports data for internet access but does not support making phone calls or sending SMS messages. Supported FDD-LTE bands include B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B38/B66/B71, and TDD-LTE band B41.

4.5. Split-screen Multitasking

The split-screen feature allows you to run two applications simultaneously on the display. To activate, tap the recent apps icon, then find the app you want to run in split-screen mode, click its icon to bring up the split-screen button, and tap it. The

first selected app will display on the left, and you can choose a second app from recent apps for the right side.

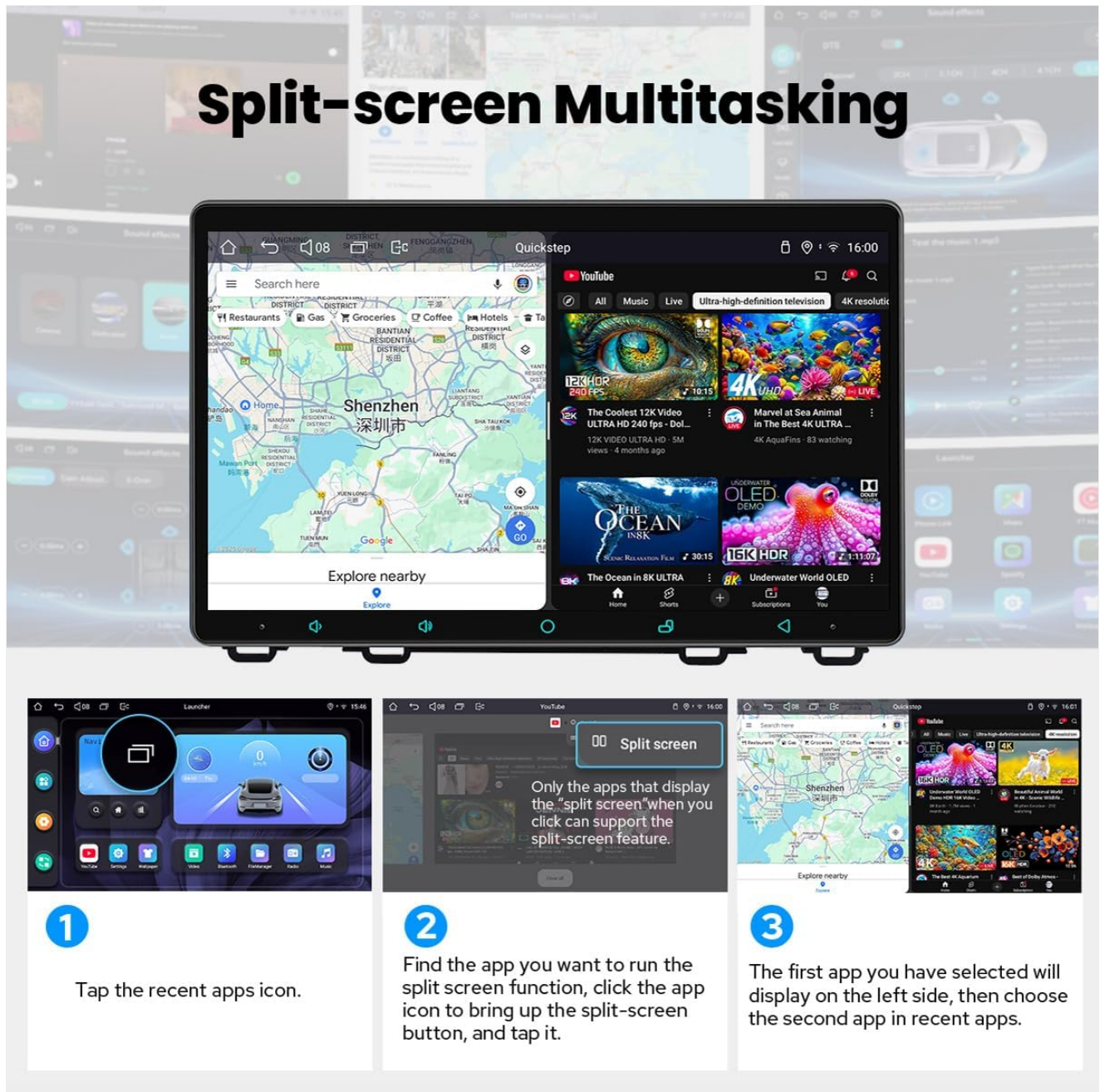


Image 4: Split-screen Multitasking in action.

4.6. Audio Features

The unit is equipped with a TDA7851 DSP chip, a 48-band graphic equalizer, and a maximum output power of 4x50W for high-quality sound. It supports aftermarket amplifiers with 4 audio outputs and 1 SUB output. For ultimate sound quality, the unit provides Optical Fiber and Coaxial Digital Outputs for external amplifiers with compatible inputs.

Other Features



Fast Boot



GPS Navigation



AM/FM Radio



Hands-free Call



Picture-in-Picture



3 USB Ports



Micro SD Card Slot



4G SIM Card Slot

Image 5: High-quality Sound Enjoyment features.

4.7. Personalized Settings

Customize your user experience with various personalized settings, including changing the car boot logo, selecting customizable wallpapers, adjusting screen brightness, and modifying button colors.

Cooling Upgraded

Dual heat sink design: Offers superior heat dissipation, improved temperature control, and enhanced performance stability.

Set warning value for volume or CPU temp:
When the CPU temperature or radio's volume rises and exceeds the warning value, the fan will be turned on automatically for cooling to avoid overheating.



Image 6: Personalized Settings options.

4.8. HDMI Output

The unit provides a full digital HDMI output interface, allowing uncompressed audio and video signals to be sent to external displays. This supports playing movies for passengers on headrest screens while navigation is displayed on the main screen. The HDMI cable is not included.

HDMI Output

HDMI is a full digital image and sound-sending interface that can send uncompressed audio and video signals, audio and video can be output synchronously, no need to adjust manually.



Projection Screen Display:
Support to play movies for passengers in the headrest, and navigate for drivers on the main screen. Everyone can enjoy it.



On-screen Display:
Displays the same 1080P clear picture, zero delays without stuttering.



Note: The HDMI cable is not included.

Image 7: HDMI Output functionality.

4.9. Other Features

Additional features include AM/FM Radio, Hands-free Call, Picture-in-Picture mode, 3 USB Ports, Micro SD Card Slot, and a 4G SIM Card Slot.

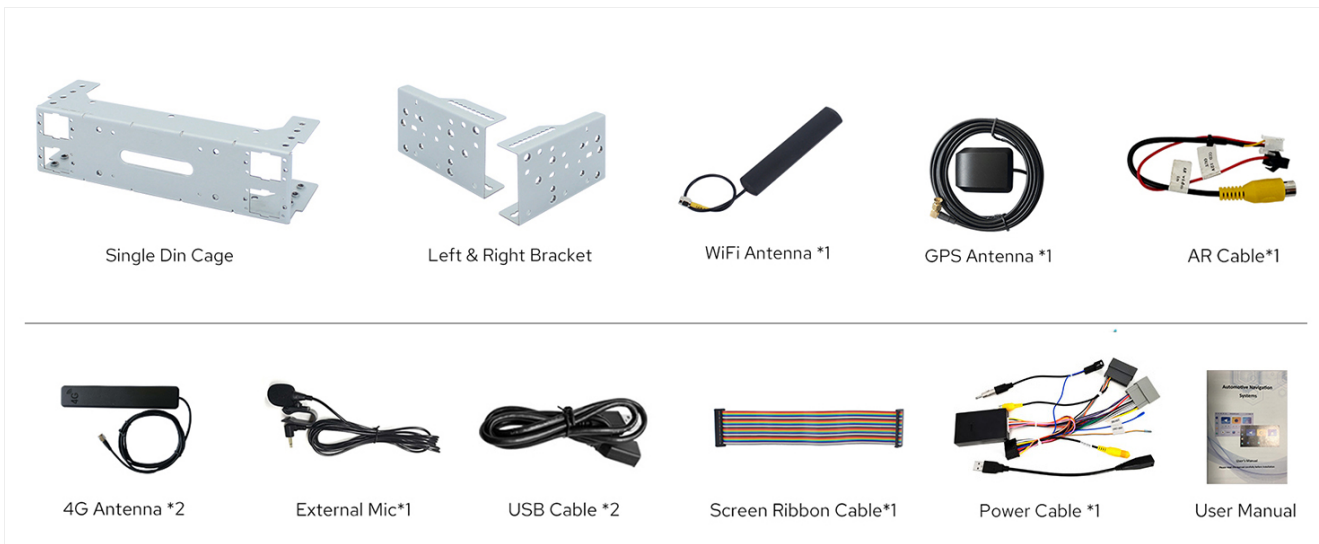


Image 8: Overview of other key features.

Video 4: Product Multifunction Display. This video demonstrates the various functions and user interface of the car radio.

5. Maintenance

5.1. Cooling System

The unit features a dual heat sink design for superior heat dissipation, improved temperature control, and enhanced performance stability. You can set a warning value for CPU temperature. If the CPU temperature exceeds this value, the fan will automatically activate to prevent overheating.

Optional Accessories

(NOT included in the package)

OBD2
(ASIN: B076CD78HT)
Connected via Bluetooth to retrieve real-time data and trouble codes from your vehicle computer.

AR Front Camera
(ASIN: B0CBX4N6V8)
Record the front road in the background automatically while driving.

AR Rear Camera
(ASIN: B0CBX39S8M)
Switch to the reverse display automatically when reversing the car.

Image 9: Cooling System features.

5.2. WiFi Signal

The unit includes an independent WiFi antenna to ensure stable signal quality and provide fast, smooth internet access. It supports 802.11a/b/g/n/AC standards with spectral bands of 2.4GHz/5GHz.

Size & Package Contents

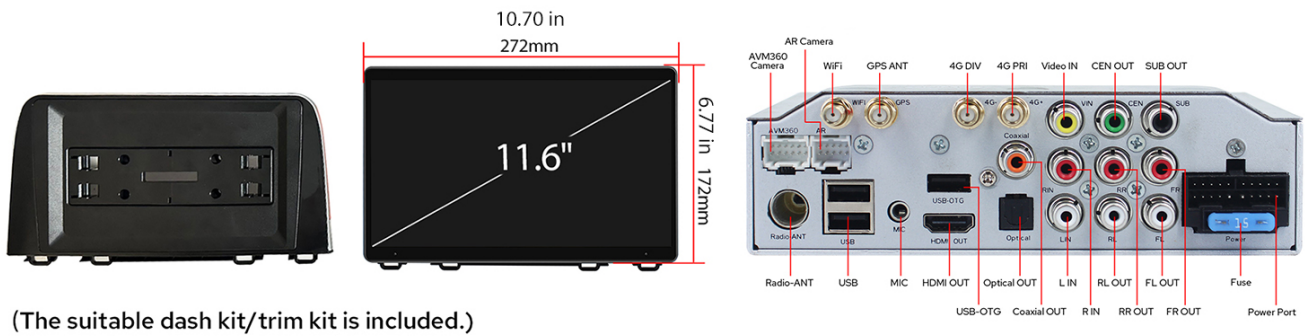


Image 10: WiFi Signal features.

6. Troubleshooting

If you encounter issues, please review the installation steps, particularly the wiring harness selection and CAN bus setting. Ensure all cables are securely connected. For persistent problems, contact customer support.

7. Specifications

Brand	JOYING
Model Name	JOYING HT114N8
Model Number	JY-HT114N8
Screen Size	11.6 Inches
Display Type	LED
Touch Screen Type	Capacitive
Operating System	Android, iOS (via CarPlay/Android Auto)
Memory Storage Capacity	128 GB
Connectivity Technology	Bluetooth, Ethernet, USB, Wi-Fi
Connectivity Protocol	Bluetooth, Wi-Fi
Supported Satellite Navigation System	BeiDou, GLONASS, GPS
Audio Output Mode	Stereo
Item Weight	6 Pounds

8. Optional Accessories

The following accessories are not included in the standard package but can be purchased separately to enhance your experience:

- **OBD2 Scanner:** Connects via Bluetooth to retrieve real-time data and trouble codes from your vehicle computer.

- **AR Front Camera:** Records the front road automatically while driving.
- **AR Rear Camera:** Switches to the reverse display automatically when reversing the car.

Note:

Since your vehicle is equipped with CAN bus, please set the communication protocol (white button) to the right side (CAN)



Image 11: Optional Accessories.

9. Warranty and Support

This JOYING car radio comes with a **2-year warranty** from the date of purchase. For technical support, troubleshooting assistance, or warranty claims, please contact JOYING customer service through their official channels or the retailer where the product was purchased.