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> [JOYING Android 13 Car Stereo Head Unit \(JY-HT145N8\) for Honda Civic 2016-2021 - User Manual](#)

JOYING JY-HT145N8

JOYING Android 13 Car Stereo Head Unit

MODEL: JY-HT145N8

For Honda Civic 2016-2021

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your JOYING Android 13 Car Stereo Head Unit (Model JY-HT145N8). This unit is designed to integrate seamlessly with Honda Civic models from 2016 to 2021, offering advanced features such as CarPlay, Android Auto, GPS navigation, and enhanced audio capabilities.

Please read this manual thoroughly before installation and use to ensure proper functionality and to prevent damage to the unit or your vehicle.

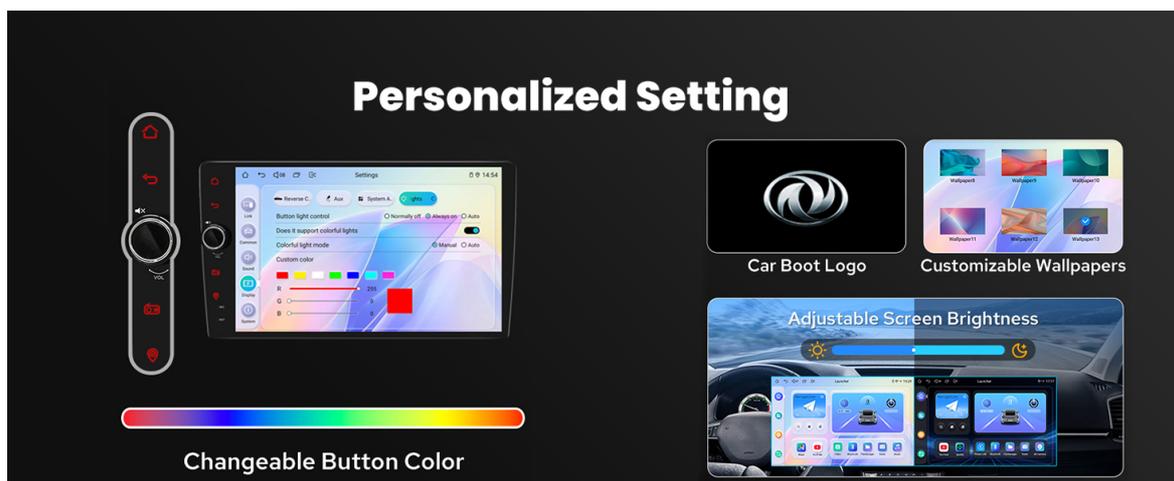


Image: Overview of the JOYING Android 13 Car Stereo Head Unit highlighting key features.

2. Safety Information

- Always ensure the vehicle's ignition is off before performing any installation or wiring.
- Disconnect the vehicle's battery to prevent electrical shorts or damage.
- Consult a professional installer if you are unsure about any steps.

- Do not operate the unit in a way that distracts you from driving.
- Ensure all connections are secure to prevent intermittent issues or hazards.

3. Package Contents

Verify that all items listed below are included in your package:

- 9" radio x1
- Single Din Cage x1
- Left & Right Bracket x1
- WiFi Antenna x1
- GPS Antenna x1
- 4G Antenna x2
- External Mic x1
- USB Cable x2
- AR Cable x1
- Screen Ribbon Cable x1
- Power Cable x1
- User Manual x1



Image: All components included in the JOYING Android 13 Car Stereo package.

4. Setup and Installation

The JOYING head unit is designed for a plug-and-play installation, supporting factory reverse camera, steering wheel controls, USB, and lanewatch camera. Follow these general steps for installation:

1. **Remove Original Dashboard Components:** Carefully remove the side panel trims and the original radio unit from your vehicle's dashboard.
2. **Connect Wiring Harnesses:** Connect the provided wiring harnesses to the new head unit and your vehicle's existing connectors. Ensure all compatible plugs are securely connected. Some plugs may not be used depending on your vehicle's configuration.
3. **Connect Antennas:** Attach the WiFi, GPS, and 4G antennas to their respective ports on the head unit.
4. **Connect USB Cables:** Plug in the USB cables for data transfer and charging.
5. **Connect Camera Inputs:** Connect your reverse camera to the "CAM IN" port.
6. **CAN Bus Setting:** If your vehicle is equipped with a CAN bus, ensure the communication protocol (white button) on the head unit is set to the right side (CAN).
7. **Radio Antenna Adapter:** For sedan 4-door Honda Civic models, you may need to remove the rear passenger seat panel trim to access and bypass the HD radio box using the included green and gray cables.
8. **Test Functionality:** Before fully reassembling the dashboard, loosely fit the head unit and test all

functions (power, audio, navigation, camera, steering wheel controls) to ensure everything is working correctly.

9. **Reassemble Dashboard:** Once all functions are verified, carefully reassemble the dashboard components.



Image: JOYING head unit seamlessly integrated into a Honda Civic dashboard.

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.



For this OEM radio with small screen, please select **"Wire Harness A"** at the time of purchase.



For these OEM radio with big screen, please select **"Wire Harness B"** at the time of purchase.



For these OEM radio with factory amplifier, please select **"Wire Harness C"** at the time of purchase.

Image: Purchase guide illustrating different wiring harnesses (A, B, C) based on OEM radio type.



Image: Important note on setting the CAN bus communication protocol.

Installation Videos:

Video: Detailed installation guide for an Android 13 car stereo in a Honda Civic (from Dasaita Official Store). This video provides comprehensive steps for removing the old unit and connecting the new one.

Video: Installation steps for a new radio in a Honda Civic (from Dasaita Official Store). This video focuses on the initial removal and wiring process.

Video: Wiring installation guide (from Jingelsye-US). This video demonstrates the connection of various cables to the head unit.

5. Operating Instructions

5.1 Basic Functions

- **Power On/Off:** The unit will typically power on with the vehicle's ignition. A fast boot feature allows it to start in 2 seconds after the initial 30-40 second boot.

- **Volume Control:** Use the physical volume knob or on-screen controls to adjust audio levels.
- **Android OS Navigation:** Navigate through the Android 13 interface using the touchscreen.

5.2 Connectivity Features

- **CarPlay & Android Auto:** Connect your mobile phone via USB cable or Bluetooth to mirror apps, access navigation, make calls, and listen to music on the larger screen.
- **Bluetooth 5.0:** For hands-free calls and audio streaming.
- **Built-in 4G Module:** Insert a SIM card for internet access (does not support phone calls or SMS). Supports FDD-LTE: B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B38/B66/B71 and TDD-LTE: B41.
- **WiFi Signal:** Independent WiFi antenna ensures stable 2.4GHz/5GHz internet access.
- **USB Ports:** Three USB ports are available for various connections.
- **Micro SD Card Slot:** For additional storage.



Image: Demonstration of Built-in CarPlay and Android Auto connectivity.



Image: Illustration of the upgraded WiFi signal with an independent antenna.

5.3 Navigation and Multimedia

- **GPS Navigation:** Precise GPS engines with included GPS antennas for accurate positioning and faster real-time navigation. Supports offline maps.
- **FM/AM Radio:** Built-in FM RDS tuner radio for selecting your favorite radio stations.
- **DSP Sound:** TDA7851 chip, 48-band graphic equalizer, and 4x50W max output power for high-quality sound. Supports aftermarket amplifiers via optical fiber and coaxial digital output.
- **Split-screen Multitasking:** Run two applications simultaneously on the screen.
- **HDMI Output:** Full digital image and sound-sending interface for projection screen display or on-screen display (1080P clear picture, zero delays). HDMI cable not included.

High-quality Sound Enjoyment

TDA7851

DSP Chip

48-Band

Graphic Equalizer

4×50W

Max Output Power



Support Aftermarket Amplifier



4 *Audio Outputs
1* SUB Output



Fiber Optical
Output



SPDIF Coaxial
Output



Center Channel
Output

Image: High-quality sound enjoyment features including DSP chip and graphic equalizer.

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: HDMI output for connecting external displays.

Split-screen Multitasking

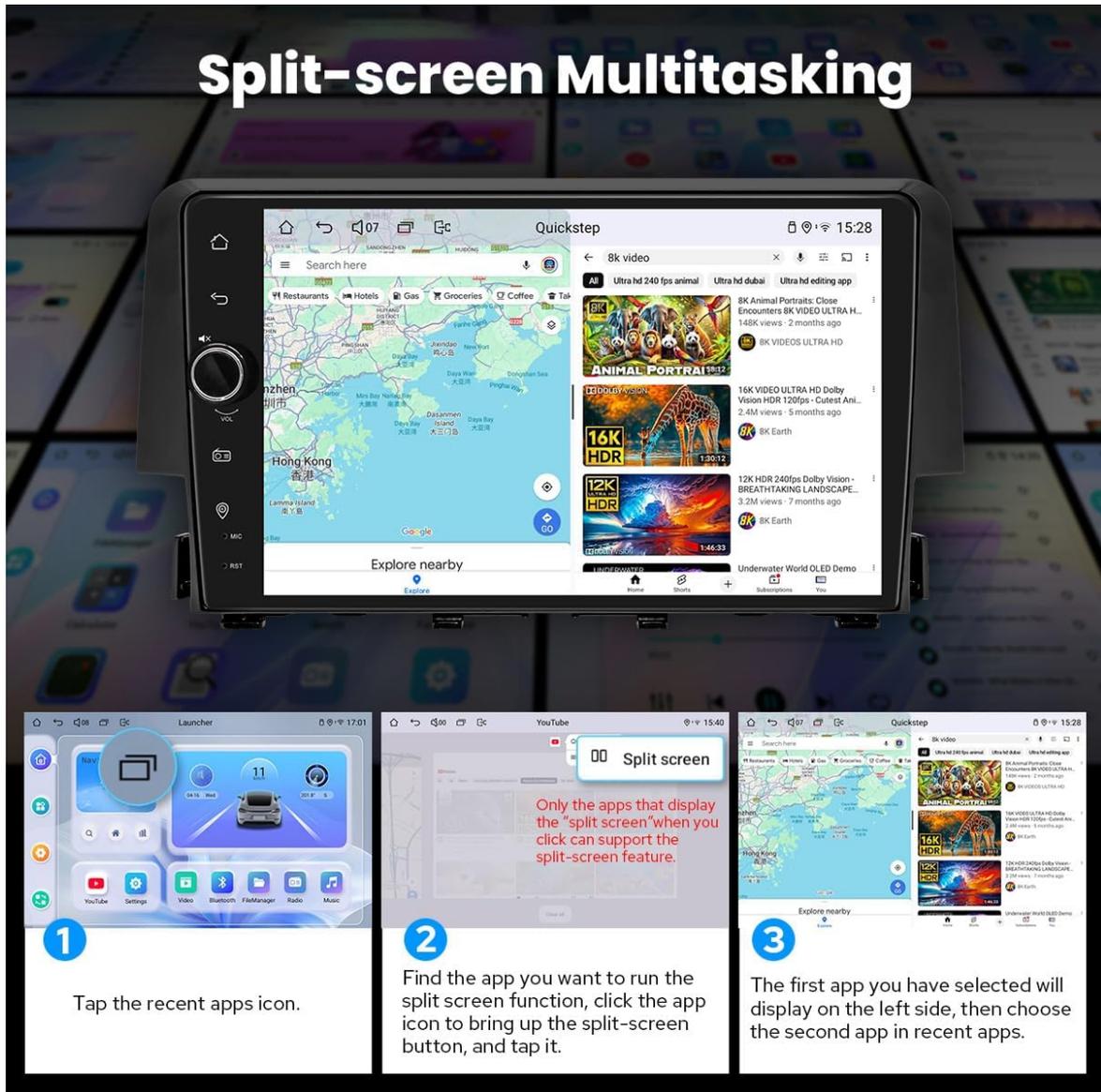
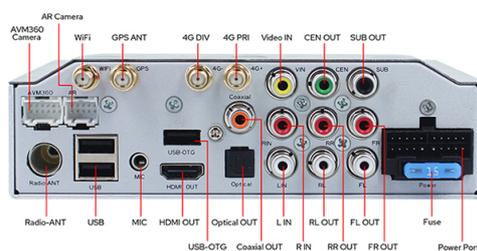
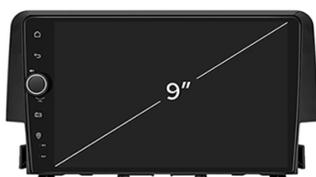


Image: Demonstration of split-screen multitasking on the head unit.

5.4 Personalization and Other Features

- **Personalized Settings:** Customize car boot logo, wallpapers, and changeable button colors. Adjustable screen brightness.
- **Cooling System:** Dual heat sink design for superior heat dissipation and temperature control. Fan automatically turns on if CPU temperature or radio volume exceeds a warning value.
- **Optional Accessories:** Supports external OBD2 (for real-time data and trouble codes), AR Front Camera (records front road), and AR Rear Camera (switches automatically when reversing).

Size & Package Contents



(The suitable dash kit/trim kit is included.)

Image: Personalized settings for the head unit interface.



Image: Illustration of the upgraded dual heat sink cooling system.



Image: Optional accessories that can be integrated with the head unit.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates via the system settings. Updates can improve performance and add new features.
- **Temperature Control:** The dual heat sink design helps manage temperature. Ensure proper ventilation around the unit.

7. Troubleshooting

If you encounter issues, refer to the following common troubleshooting tips:

- **No Power:** Check all power cable connections. Ensure the vehicle's ignition is on.
- **No Sound:** Verify audio cable connections (RR, RL for touring amp). Check volume levels and DSP settings.
- **Reverse Camera Not Working:** Ensure the "CAM IN" cable is properly connected. Check factory settings for reversing camera (Setting > Factory settings > Others > Prohibit reverse and set "Enable").
- **Steering Wheel Controls Not Working:** Check factory settings (Setting > Car > Factory settings > Canbus > Canbus Select and choose NO.21).
- **GPS Signal Issues:** Ensure the GPS antenna is securely connected and has a clear view of the sky.
- **Wi-Fi/4G Connectivity Problems:** Check antenna connections and ensure correct SIM card insertion (for 4G). Verify network settings.
- **Slow Performance:** Ensure the unit's cooling system is functioning. Close unnecessary background applications.

8. Specifications

Item Weight	6 pounds
Package Dimensions	12.6 x 9.06 x 7.68 inches
Item Model Number	JY-HT145N8

Display Size	9 Inches
Voice Command	Touchscreen
Vehicle Service Type	Car
Special Feature	Bluetooth, Touchscreen
Connectivity Technology	Bluetooth, Ethernet, USB, Wi-Fi
Map Type	North America
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount
Operating System	Android

9. Warranty and Support

9.1 Warranty Information

The JOYING Android 13 Car Stereo Head Unit comes with a **2 Years Warranty**. Please retain your proof of purchase for warranty claims.

9.2 Product Support

For technical assistance, troubleshooting, or warranty inquiries, please contact JOYING customer support through the Amazon platform or visit the official JOYING website. Refer to the included warranty card for specific contact details.

Return Policy: This product is eligible for a 30-day refund/replacement policy from the date of purchase, subject to Amazon's return guidelines.