Leadfan 2G+32G+carplay for Honda Civic 16-21

Leadfan Android Car Stereo User Manual for Honda Civic (2016-2021)

Model: 2G+32G+carplay for Honda Civic 16-21

1. PRODUCT OVERVIEW

The Leadfan Android Car Stereo is designed to upgrade the in-car entertainment and navigation system for Honda Civic models from 2016 to 2021. It features a 9-inch HD touchscreen, Android 12 operating system, 4-Core CPU with 2GB RAM and 32GB ROM, and supports various functionalities including wireless Apple CarPlay, Android Auto, GPS navigation, Bluetooth, WiFi, and backup camera integration.

Figure 1: Leadfan Android Car Stereo with backup camera, GPS antenna, and CarPlay/Android Auto icons.
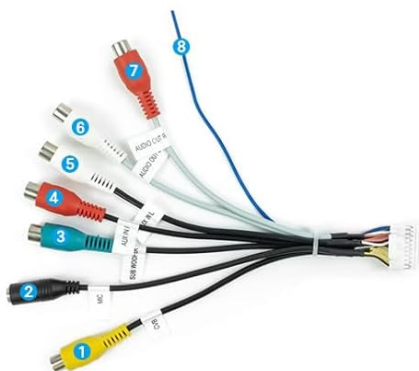
2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Android Car Stereo
- 1 x Power Cable
- 1 x GPS Antenna
- 1 x RCA Cable
- 1 x CAM-IN Cable
- 2 x USB Cables
- 1 x User Manual (this document)
- 1 x AHD Camera (Backup Camera)
- 1 x Canbus Decoder
- 1 x Radio Antenna Adapter
- 1 x USB Adapter Cable

251mm / 9.8inch

9 inch

226mm / 8.8inch
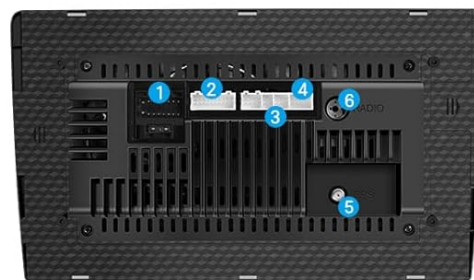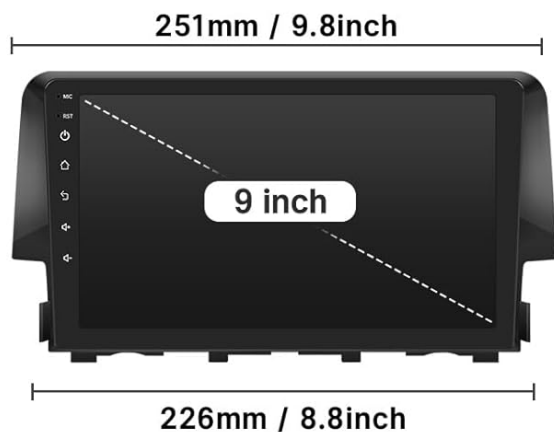
1 Power Cord   **2** RCA
3 USB   **4** Reverse Input
5 GPS   **6** Radio Cable

1 CVBS-IN-1   **5** AUX IN L
2 MIC   **6** AUDIO OUT L
3 SUB WOOFER   **7** AUDIO OUT R
4 AUX IN R   **8** AMP CONT

Power Cable	Rear Camera	USB Cable	Camera	USB Adapter Cable
GPS Antenna	RCA Cable	User Mannual	Can Bus	Radio Adapter

Figure 2: Overview of the stereo's dimensions, rear panel connections, and included accessories.

3. COMPATIBILITY CHECK

Before installation, confirm your vehicle's compatibility. This stereo is designed for Honda Civic models from 2016 to 2021. It is important to check the original car radio's rear connections and the dashboard layout to ensure proper fitment and functionality.

Note: This car stereo does not fit vehicles with a Premium Factory Sound System or OEM Navigation System. It is also not compatible with cars that have a J-B-L sound system.

Figure 3: Visual guide to confirm car version compatibility for Honda Civic 2016-2021 models. Images show various factory radio configurations, indicating which are compatible ("FIT") and which are not ("NOT FIT"), particularly noting issues with power amplifier interfaces.

4. SETUP AND INSTALLATION

Professional installation is recommended. Ensure the vehicle's battery is disconnected before beginning installation to prevent electrical damage.

4.1 Wiring Connections

Connect the provided cables to the corresponding ports on the car stereo and your vehicle's wiring harness. Refer to the wiring diagram for detailed connections.

- **Power Cable:** Connect the main power cable to the vehicle's power harness.
- **GPS Antenna:** Connect the GPS antenna to the dedicated GPS port on the stereo. Position the antenna in a location with a clear view of the sky for optimal signal reception.
- **USB Cables:** Connect the 4-pin and 6-pin USB cables to the stereo's USB ports. These can be routed to the glove compartment or center console for easy access.
- **Radio Antenna:** Connect the radio antenna adapter to the stereo's ANT port and then to the vehicle's radio antenna.

- **Rear Camera Signal Wire:** Connect the rear camera signal wire to the CAM-IN port.
- **RCA Cables:** Connect the RCA cables for audio/video input/output as needed for external devices or amplifiers.
- **Canbus Decoder:** If your vehicle requires a Canbus decoder (typically for models with a large central control screen), connect it to the power cable harness as instructed.

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Video 1: This video demonstrates the general wiring installation process for the car stereo, showing how to connect the various cables and components.

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Video 2: A detailed guide on car radio installation, covering the connection of power cables, RCA cables, USB cables, and other essential components.

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Video 3: An installation guide video demonstrating the connection of various cables to the car stereo unit.

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Video 4: This video illustrates the replacement process for a Honda Civic radio, including wiring connections for the 2016-2021 models.

4.2 Canbus Configuration (if applicable)

If your Honda Civic has a large central control screen, a Canbus decoder is required to retain factory functions. After connecting the Canbus, you may need to configure it through the stereo's settings:

1. Access Car settings.
2. Go to Factory settings (password: 8888 or 1234 or 000000).
3. Select Protocol settings and choose your car model.
4. If the backup camera screen appears as a nine-grid black and white screen, set the backup camera in Factory settings > Protocol parameter settings > Reverse video claim/format.
5. If "Canbus disconnected" is displayed, you need to update the Canbus.

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Video 5: This video explains how to retain factory car functions using the Canbus system, including setup and configuration steps.

5. OPERATING INSTRUCTIONS

5.1 Initial Power-On and System Setup

Upon first power-on, the system will boot to the main interface. Follow any on-screen prompts for initial setup, including language selection and time zone.

5.2 Wireless Apple CarPlay & Android Auto

The stereo supports wireless Apple CarPlay and Android Auto. Connect your smartphone via Bluetooth to access phone features, music, navigation, and messaging directly on the car stereo screen.

- Ensure Bluetooth is enabled on your smartphone and the car stereo.
- Pair your phone with the car stereo via Bluetooth settings.
- Once paired, select the CarPlay or Android Auto icon on the stereo's main screen to initiate the connection.
- Voice control (Siri or Google Assistant) can be activated through your phone.

Figure 4: Wireless Apple CarPlay and Android Auto interfaces, demonstrating phone connectivity and voice command features.
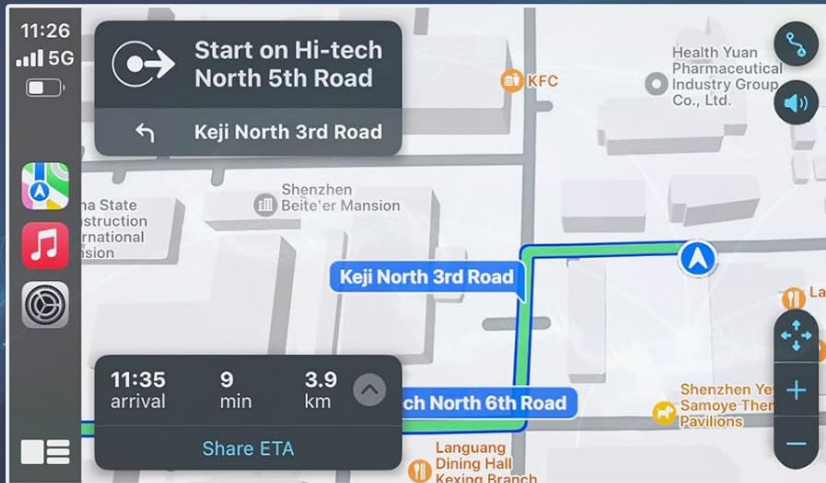
Your browser does not support the video tag.

Video 6: This video demonstrates how to connect Zlink Android Auto to the car stereo.
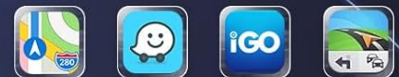
5.3 GPS Navigation & WiFi

The stereo has a built-in GPS module and supports both offline and online navigation. Offline maps are pre-installed for North America. For online navigation and app downloads, connect the stereo to WiFi.

- To use online maps or download apps (e.g., YouTube, Spotify), connect the stereo to a WiFi network via your smartphone's hotspot or a WiFi device.
- Access the "Maps" application for navigation.
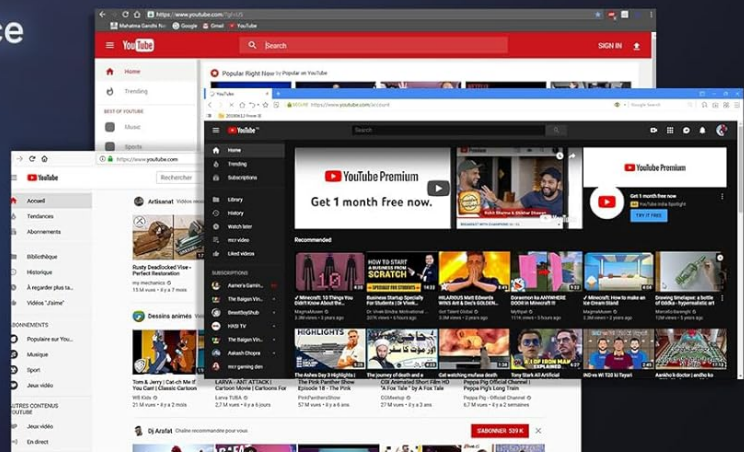
Figure 5: GPS Navigation interface with online and offline map capabilities, alongside WiFi connection options for app downloads and online services.

5.4 Bluetooth & FM Radio

The stereo features Bluetooth 5.1 for hands-free calling and audio streaming. The FM radio supports manual and automatic station search with unlimited preset stations.

- **Bluetooth:** Pair your mobile phone to make/receive calls and stream music. An external microphone jack is provided for clear audio.
- **FM Radio:** Access the "Radio" application to tune into FM stations.

Figure 6: Bluetooth interface for hands-free calls and music playback.
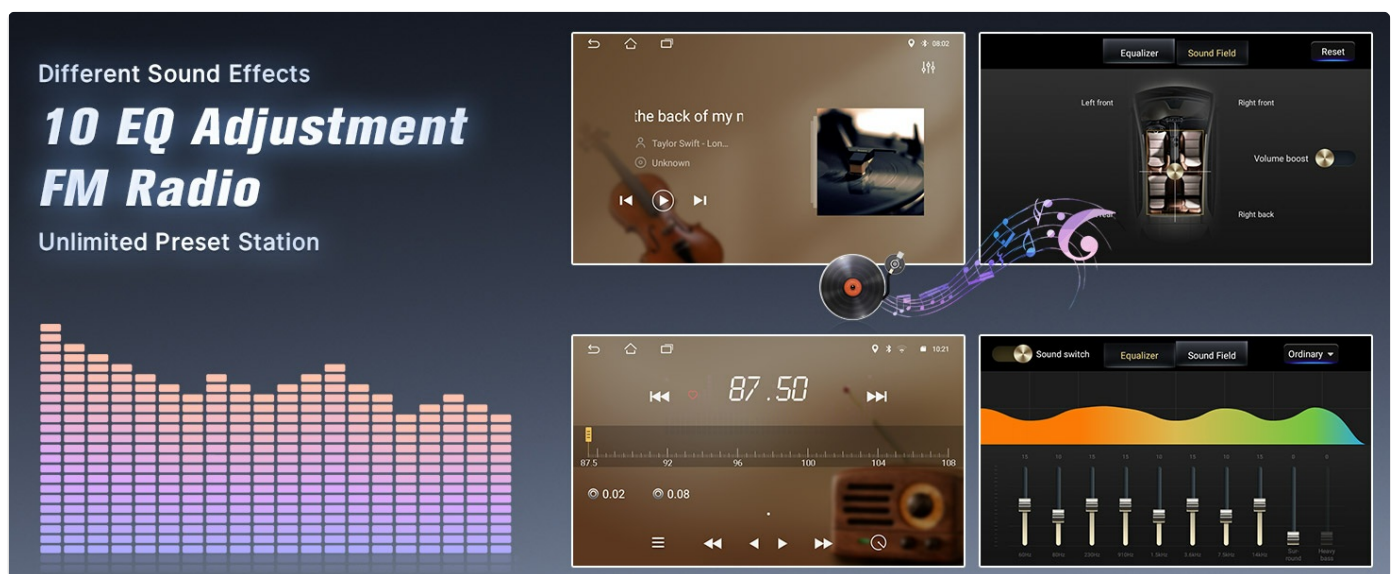
Figure 7: FM Radio interface with 10-band EQ adjustment options.

5.5 MirrorLink & Split-Screen Mode

MirrorLink allows you to display your phone's screen on the car stereo. Split-screen functionality enables running two applications simultaneously.

- **MirrorLink:** Connect your phone via USB or hotspot to mirror its screen.
- **Split-Screen:** Activate split-screen mode to use two apps side-by-side, such as navigation and music playback.

Figure 8: Voice control features and split-screen mode, allowing simultaneous use of two applications.

Figure 9: Mirror Link feature, enabling screen mirroring from iOS (one-way) and Android (two-way) devices.

5.6 Backup Camera Support

The included AHD backup camera (IP68 waterproof with IR night vision) automatically displays the rear view when reversing, aiding in safer parking.

- Ensure the backup camera is correctly installed and connected to the CAM-IN cable.
- The display will automatically switch to the camera view when the vehicle is put into reverse gear.

Figure 10: Backup camera display, highlighting parking assistance features.

5.7 Steering Wheel Control (SWC)

The stereo supports steering wheel controls, allowing you to manage media playback and volume without taking your hands off the wheel.

- Access the "Steering Wheel Control" settings in the stereo's menu.
- Follow the on-screen instructions to program the steering wheel buttons to the desired functions.

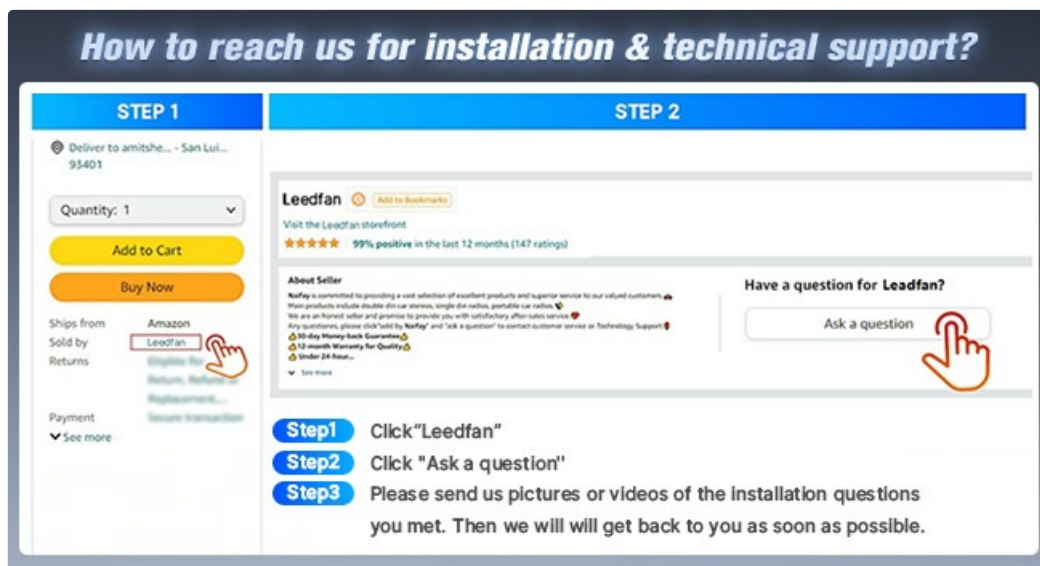Figure 11: Steering Wheel Control interface for customizing button functions.

5.8 DSP Sound

The integrated Digital Sound Processor (DSP) allows for advanced audio customization, including equalization and sound field adjustments, to enhance your listening experience.

- Access the "Audio Settings" or "Equalizer" menu to adjust sound parameters.
- Choose from preset EQ modes or customize your own.

Backup Camera Support

Make easier for ypur parking

Powerful DSP

Enjoy the Ultimate Audio Experience

Steering Wheel

Steering wheel button control more concenient and safe

Figure 12: DSP audio settings for superior sound quality and customization.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Leadfan Android Car Stereo, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. Avoid abrasive cleaners or harsh chemicals that could damage the screen.
- **Software Updates:** Periodically check for software updates to ensure you have the latest features and bug fixes. Updates can typically be found in the system settings or on the manufacturer's website.
- **Cable Connections:** Ensure all cables remain securely connected. Loose connections can lead to intermittent functionality or poor performance.
- **Temperature Exposure:** Avoid exposing the unit to extreme temperatures for extended periods, as this can affect electronic components.

7. TROUBLESHOOTING

If you encounter issues with your car stereo, refer to the following common troubleshooting steps:

- **No Power:**

    - Check all power cable connections to ensure they are secure.
    - Verify the vehicle's fuse related to the car stereo.

- **No Sound:**

    - Check speaker connections and ensure volume is not muted or set too low.
    - Verify audio settings in the stereo menu, including equalizer and sound field.

- **GPS Signal Loss:**

    - Ensure the GPS antenna is properly connected and positioned with a clear view of the sky.
    - Check GPS settings in the stereo menu.

- **Bluetooth Connectivity Issues:**

    - Ensure Bluetooth is enabled on both the stereo and your smartphone.
    - Delete previous pairings and attempt to re-pair the devices.
    - Restart both the stereo and your smartphone.

- **Backup Camera Not Displaying:**

    - Check the CAM-IN cable connection to the stereo and the camera.
    - Ensure the camera is receiving power and the reverse trigger wire is correctly connected.
    - Verify backup camera settings in the factory settings menu (if applicable).

- **Canbus Errors:**

    - Ensure the Canbus decoder is correctly connected and configured for your specific vehicle model in the factory settings.
    - Update the Canbus software if prompted.

8. SPECIFICATIONS

Feature	Description
Model Name	2G+32G+carplay for Honda Civic 16-21
Operating System	Android 12
Display Size	9 Inches
Processor	4-Core CPU
Memory (RAM)	2GB
Storage (ROM)	32GB
Connectivity	Bluetooth 5.1, USB, Wi-Fi
Special Features	Touchscreen, Wireless Apple CarPlay, Wireless Android Auto, GPS Navigation (offline/online), FM Radio, AHD Backup Camera, Steering Wheel Control, Split Screen, Multiple UI Themes, DSP Sound
Map Type	North America (pre-installed offline maps)
Item Weight	3.31 pounds

Feature	Description
Product Dimensions	12.2 x 6.7 x 11.3 inches

9. WARRANTY AND SUPPORT

Leadfan provides comprehensive customer support for its products:

- **Warranty:** 12 months after-sales support.
- **Money Back Guarantee:** 30 days money back service.
- **Technical Support:** 24 hours after-sales technical support is available to assist with any issues or questions.

To contact support for installation or technical assistance:

1. Go to the product page on Amazon.
2. Click on the seller name "Leedfan" (or "Leadfan").
3. Click "Ask a question" to send a message.
4. Provide pictures or videos of your installation questions for quicker assistance.

Figure 13: Steps to contact Leadfan for installation and technical support via Amazon.