

EONON HAC1X7

Eonon HAC1X7 Android 14 Car Stereo User Manual

FOR HONDA ACCORD 2003-2007

1. Safety Information

Please read all instructions carefully before installation and operation. Failure to follow these instructions may result in product damage, vehicle damage, or personal injury.

General Safety

- Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- Adjust volume levels responsibly to ensure you can hear external traffic sounds.

Electrical Safety

- Professional installation is highly recommended. Incorrect wiring can cause damage to the unit or your vehicle's electrical system.
- Ensure the vehicle's battery is disconnected before beginning any electrical work.
- Use only the provided wiring harnesses and connectors. Do not modify or splice wires unless explicitly instructed.

Installation Safety

- Verify compatibility with your Honda Accord 2003-2007 (petrol version only). This unit is not suitable for diesel versions.
- Handle all vehicle trim pieces and components with care to avoid breakage or damage.
- Ensure all connections are secure and properly insulated to prevent short circuits.

2. What's in the Box

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

- A0125 reversing camera *1
- Power cord *1
- Low-mounted air conditioning adapter cable *1
- GPS antenna *1
- USB adapter cable *2
- Audio/video adapter cable *1
- Audio adapter cable *1
- Reverse video input cable *1
- 15A spare fuse *1
- External microphone *1
- Manual *1



Figure 2.1: All items included in the Eonon HAC1X7 package.

The image above illustrates the various components you should find in your product box. Please check against the list to ensure all parts are present before proceeding with installation.

3. Setup and Installation

The Eonon HAC1X7 car stereo is custom-designed for a perfect fit in Honda Accord 2003-2007 models (petrol version only), ensuring a seamless integration with your dashboard without additional frame modifications. It supports your car's factory features like steering wheel controls and AC information.



Figure 3.1: Compatible Honda Accord 2003-2007 dashboards. Note: Not suitable for diesel cars.

Plug & Play Keep Your Car's Factory Features



Steering wheel controls



Door reminder



AC information



AC control

Figure 3.2: The unit integrates with existing car features for a 'Plug & Play' experience.

Wiring Diagram

Refer to the detailed wiring diagram to ensure correct connections for all components. Each connector is labeled for ease of installation.

Android 14

If you want to upgrade your car's entertainment system with features like smartphone integration, app flexibility, and ease of use, an Android car stereo is the ideal choice.



Figure 3.3: Comprehensive wiring diagram for the HAC1X7 unit.

Installation Video Guide

For a visual step-by-step guide on the installation process, please refer to the official Eonon installation video below. This video demonstrates the removal of the original radio and the installation of the new head unit, including wiring connections.

Video 3.1: Detailed installation guide for the Eonon HAC1X7 car stereo.

An additional video provides a quick overview of the installation and highlights key features of the Eonon HAC1X7 unit.

Video 3.2: Quick overview of Eonon HAC1X7 installation and features.

4. Operating Instructions

System Overview

The Eonon HAC1X7 operates on the latest Android 14 system, powered by an RK3562 Quad-core ARM Cortex-A53 CPU at 2.0GHz, with 3GB RAM and 32GB ROM for smooth performance and quick app response.

Figure 4.1: Internal architecture and performance metrics of the Android 14 system.

Display and Audio

The unit features a 10.1-inch IPS HD capacitive touchscreen with a 1280x720 resolution and a wide 178° viewing angle for clear visuals. Audio is enhanced by a built-in 48-band EQ and a 4x45W surround sound amplifier.



Figure 4.2: Physical controls and high-definition touchscreen display.

Over-the-air Firmware Update

Keep your car stereo up-to-date through OTA updates. Fix software issues and enhance security with just a few taps.

Note: Android system upgrade is not supported.



Figure 4.3: Built-in DSP for advanced audio processing.

Wireless CarPlay & Android Auto

Enjoy effortless connectivity with Wireless CarPlay and Android Auto. Access navigation, music, calls, and messages using voice commands or the intuitive touchscreen. Wireless functionality provides a clean, hassle-free setup, with wired options also available.

Wireless CarPlay & Android Auto

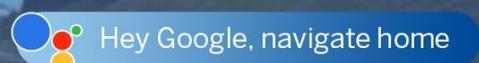


Figure 4.4: Wireless Apple CarPlay and Android Auto interfaces.

Connecting Wireless Apple CarPlay

1. Click the Zlink5 app on the car stereo.
2. Turn on Wi-Fi and Bluetooth on your iPhone.
3. Find 'EONON' in your phone's Bluetooth device list and enter '0000' to pair. Once connected, tap 'Use CarPlay'.
4. Wait a few seconds to complete the connection.

What's in the Box



Figure 4.5: Steps for Wireless Apple CarPlay connection.

Connecting Wireless Android Auto

1. Click the Zlink5 app on the car stereo.
2. Turn on Wi-Fi and Bluetooth on your Android phone.
3. Find 'EONON' in your phone's Bluetooth device list, enter '0000' to pair, and click 'OK'.
4. Wait a few seconds to complete the connection.

Wiring Diagram



- | | |
|---|--|
| 1. Fuse Box | 15. Front Audio Out L |
| 2. Reverse Trigger | 16. Rear Audio Out R |
| 3. Steering Wheel Control 2 | 17. Center Audio Out |
| 4. Air Conditioning Plug
(Connect to the No. 30 air conditioning panel interface. This plug is for connecting the original car's AC control system. Please make sure it is connected correctly to avoid malfunction or inoperability.) | 18. Rear Audio Out L |
| 5. RX/TX
(Connect to the No.19 RX/TX input) | 19. RX/TX Input |
| 6. Power Cable | 20. USB Port for CarPlay |
| 7. AMP | 21. USB Port |
| 8. External Microphone | 22. Backup Camera Input |
| 9. Subwoofer Output | 23. Brake Shift Control |
| 10. Front Camera Input | 24. +12V for Backup Camera |
| 11. Video Input | 25. GND Wire |
| 12. AUX Audio In R | 26. WiFi Antenna |
| 13. AUX Audio In L | 27. Bluetooth Antenna |
| 14. Front Audio Out R | 28. GPS Antenna |
| | 29. Single-Zone Conditioner Adapter Cable |
| | (If your car has dual-zone AC, do not connect this harness.) |
| | 30. Air Conditioning Panel Interface |

Figure 4.6: Steps for Wireless Android Auto connection.

Bluetooth & Other Connectivity

The unit features an independent Bluetooth 5.4 module with an extra antenna for quick and stable connections, noise reduction, clear call quality, and high-quality music streaming. It also includes 3 USB ports for external devices and supports dual-band Wi-Fi (2.4G/5G).

Physical Knob & Capacitive Touch Screen



Figure 4.7: Independent Bluetooth module for enhanced connectivity.

Wireless Apple Carplay Connection



Figure 4.8: Additional features and connectivity options.

Backup Camera and Dashcam Support

The unit supports backup camera input and includes a free A0125 reversing camera. It also supports Eonon dashcams (A100, sold separately) and OBD2 scanners (sold separately).

Screen Mirroring for iOS



Figure 4.9: Backup camera features and included A0125 camera.



Figure 4.10: Dashcam support (A100 Dash Cam not included).

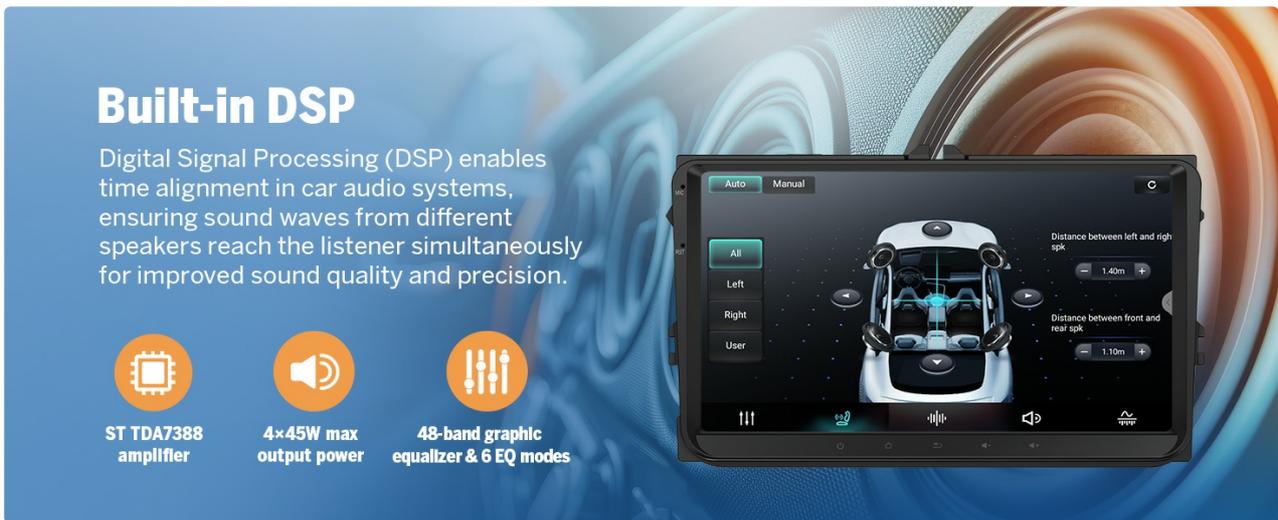


Figure 4.11: OBD2 scanner compatibility for vehicle diagnostics (V0056 OBD2 not included).

5. Maintenance

Software Updates

The Eonon HAC1X7 supports Over-The-Air (OTA) software updates. These updates are crucial for fixing software issues, enhancing security, and improving device performance. Updates are for the software only and do not upgrade the Android system version.



Figure 5.1: Over-The-Air (OTA) firmware update process.

6. Troubleshooting

If you encounter any issues with your Eonon HAC1X7 car stereo, please refer to the following general troubleshooting tips. For more complex problems, contact customer support.

Common Issues

- **No Power:** Check all power connections and ensure the fuse is intact. Verify the vehicle's battery is properly connected.
- **No Sound:** Confirm speaker connections are correct. Check audio settings and ensure volume is not muted or set too low. Verify the amplifier (if external) is powered on.
- **Touchscreen Unresponsive:** Perform a system reset using the RST button (if available). Ensure the screen is clean and free from debris.
- **CarPlay/Android Auto Connection Issues:** Ensure Wi-Fi and Bluetooth are enabled on your phone and the stereo. Re-pair the device. Check for any software updates for both your phone and the stereo.
- **GPS Signal Loss:** Ensure the GPS antenna is correctly installed and has a clear line of sight to the sky. Check antenna connection to the unit.
- **Steering Wheel Controls Not Working:** Verify the steering wheel control wires are correctly connected according to the wiring diagram. Perform the steering wheel learning function in the settings.

If these steps do not resolve the issue, please contact Eonon customer support for further assistance.

7. Specifications

Feature	Specification
Model Number	HAC1X7

Feature	Specification
Operating System	Android 14
CPU	RK3562 Quad-core ARM Cortex-A53 @ 2.0GHz
RAM	3GB
ROM	32GB
Display Size	10.1 inches
Display Type	IPS HD Capacitive Touchscreen
Resolution	1280x720
Viewing Angle	178°
Amplifier Output	4x45W
Equalizer	48-band EQ
Bluetooth Version	5.4
Wi-Fi	Dual-band (2.4G/5G)
USB Ports	3
Compatible Car Models	Honda Accord 2003-2007 (Petrol Version)
Item Weight	7.7 pounds (3.5 Kilograms)
Package Dimensions	13.27 x 12.32 x 6.65 inches

8. Warranty and Support

For any product-related inquiries, technical support, or warranty claims, please contact Eonon customer service. Refer to your purchase documentation for specific warranty terms and contact details.

Online resources, including FAQs and additional support materials, may be available on the official Eonon website.