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› XTRONS Car Stereo for 2003-2007 Honda Accord Instruction Manual

XTRONS IAP12ACH_L

XTRONS Car Stereo Instruction Manual

Model: IAP12ACH_L

PRODUCT OVERVIEW

The XTRONS Car Stereo (Model IAP12ACH_L) is an advanced in-dash navigation and entertainment system designed for 2003-2007 Honda Accord vehicles. It features the latest Android 13 operating system, an Octa Core CPU with 4GB RAM and 64GB ROM for fast and responsive performance. The 10.1-inch IPS touch screen provides a high-resolution display for clear visuals and intuitive control. Key functionalities include built-in 4G connectivity, Digital Sound Processor (DSP) for enhanced audio, Car Play, and Android Auto for seamless smartphone integration, and comprehensive GPS navigation capabilities.



Front view of the XTRONS Car Stereo Unit, showcasing its 10.1-inch IPS touch screen and integrated physical controls.

COMPATIBILITY AND INSTALLATION NOTES

This XTRONS car stereo is specifically designed for Honda Accord models from 2003 to 2007 (Left-hand drive vehicles). Please review the compatibility information carefully before installation to ensure proper fit and function.

Applicable Models & Years

For Honda

For Honda Accord 2003–2007 Left hand drive vehicles



Important Notes on Compatibility

This unit is **NOT** compatible with original digital amplifier system.

This unit can **NOT** work with factory-installed navigation system.

This unit does **NOT** fit any diesel-engined vehicles.

Image illustrating the car stereo installed in a Honda Accord dashboard, showing "Before" and "After" views. Important compatibility notes are also displayed.

Important Compatibility Notes:

- This unit is **NOT** compatible with original digital amplifier systems.
- This unit can **NOT** work with factory-installed navigation systems.
- This unit does **NOT** fit any diesel-engined vehicles.

WHAT'S IN THE BOX

The following components are included with your XTRONS Car Stereo:

- 1 × ISO Wiring Harness
- 1 × RCA Cable
- 1 × 4G Antenna
- 1 × Camera Cable

- 1 x CANbus Box
- 2 x USB Cable
- 1 x GPS Antenna
- 1 x Dual Zone AC Cable
- 1 x Single Zone AC Cable
- 1 x CANbus Cable
- 1 x User Manual

Size



Accessories



1 x ISO Wiring Harness



1 x RCA Cable



1 x 4G Antenna



1 x Camera Cable



1 x Dual Zone AC Cable



2 x USB Cable



1 x GPS Antenna



1 x CANbus Box



1 x Single Zone AC Cable



1 x CANbus Cable



1 x User Manual

A visual representation of all cables, antennas, and the CANbus box included with the car stereo unit.

KEY FEATURES

- **Fast & Responsive Android Car Stereo:** Features the latest Android 13 OS, Octa Core CPU with 4GB RAM & 64GB ROM for a faster and smoother experience (Boot Time < 1s, First Boot Time < 50s).
- **Integrated 4G Solution:** Access data anywhere, anytime! Just insert a Micro-SIM network card and enjoy the convenience of 4G mobile broadband connection. Supports 99% of carriers worldwide.

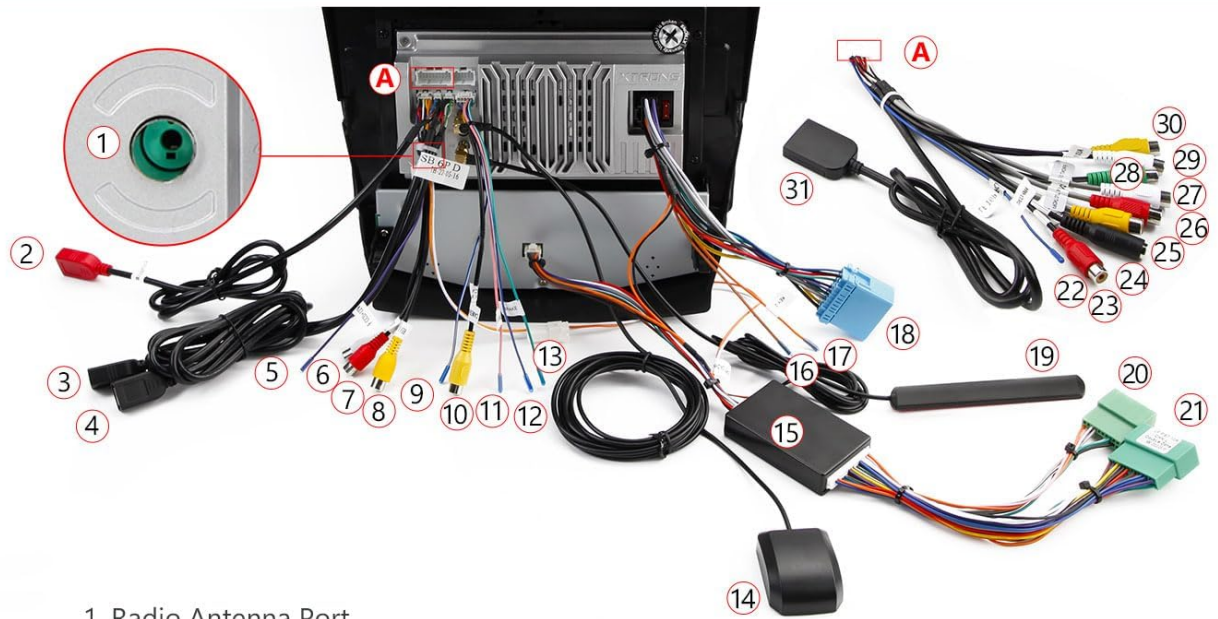
- **Built-in Wireless Car Play & Wired/Wireless Android Auto:** The ready-to-use CarAutoPlay / Android Auto empowers you to get access to your favorite mobile apps in a smarter & safer way. Simply say “Hey Siri” or “Hey Google” to activate Siri / Google Assistant.
- **10.1-inch Backlit Digital Multi-Touch Car Screen:** Your 1280*720 high resolution 10.1” touchscreen car stereo with Bluetooth supports 2K format Video Playback. It allows easy visibility and keeps all your favorite options within reach.
- **Built-in DSP:** With AKM AK7735 Dual DSP designed exclusively to enhance the audio quality, this unit will surely take your music listening experience to the next level.
- **Radio with RDS:** The built-in ST TDA7708 radio chip covers AM/FM bands and offers state-of-the-art performance with multipath noise mitigation and RDS decoding.
- **Bluetooth 5.0 for Music and Calls:** Connect your mobile phone via the built-in Bluetooth to enjoy hands-free calls, access your phone book, call logs, search contact info, display unanswered calls and listen to music.
- **GPS Navigation:** Supports various Android navigation software including Sygic, IGO, Waze, Google maps and more.
- **Dual Band WiFi:** This unit supports both 2.4GHz and 5GHz band which provides faster speed and flexibility.
- **USB Tethering:** You can get this unit online by connecting a smartphone via the USB port and turning on the option “USB Tethering” of Android phone or “Allow Others to Join” of iPhone.
- **PIP Mode Enabled:** PIP is a floating video player which sticks to the foreground of your screen. This new feature lets you watch your favorite videos while multitasking.
- **Multi-window View:** Run two apps on screen side by side. For example, you can open a navigation map on the left while using a music app on the right.
- **DAB+ Tuner Ready (Optional):** Enjoy DAB radio in Your Car. Just connect the XTRONS USB DAB radio receiver stick via the USB port.
- **OBD2 Support (Optional):** With the OBD2 function on this unit, you are able to retrieve real-time data and trouble codes from your vehicle's computer.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. It is recommended to have this unit installed by a qualified professional.

Wiring Diagram

Wiring Diagram



- | | |
|---|---|
| 1. Radio Antenna Port | 17. KEY2-5V, Steering Wheel Control |
| 2. CarAutoPlay Port | 18. ISO Wiring Harness |
| 3. USB Port1 | 19. 4G Antenna |
| 4. USB Port2 | 20. Original Air Conditioner Port1 |
| 5. F CCD+12V, Front Camera Power Cable | 21. Original Air Conditioner Port2 |
| 6. REAR OUT L, Rear Left Audio Output | 22. AMP-CONT, Amplifier Control Cable |
| 7. REAR OUT R, Rear Right Audio Output | 23. AUX IN R, Audio Input Right |
| 8. COAXIAL Output, Coaxial Audio Output | 24. MIC, Microphone Port |
| 9. Wi-Fi Antenna | 25. CVBS-IN-1, Video Input |
| 10. CAMERA-IN, Camera Input | 26. FRONT OUT R, Front Right Audio Output |
| 11. CAM+12V, Rear Camera Power | 27. FRONT OUT L, Front Left Audio Output |
| 12. Bluetooth Antenna | 28. SUB WOOFER, Subwoofer Output |
| 13. Brake, Brake in Cable | 29. AUX IN L, Audio Input Left |
| 14. GPS Antenna | 30. F CAM IN, Front Camera Video Input |
| 15. CANbus | 31. 4G SIM Card Slot |
| 16. REVERSE-IN, Reversing Control Cable | |

Detailed wiring diagram showing connections for power, audio, video, and various peripherals. Refer to this diagram for correct installation.

Physical Dimensions



Diagram illustrating the precise measurements of the car stereo unit to ensure proper fitment in your vehicle's dashboard.

OPERATING INSTRUCTIONS

User Interface and Navigation

The unit features a user-friendly Android 13 interface. Navigate through applications using the touch screen or physical buttons.

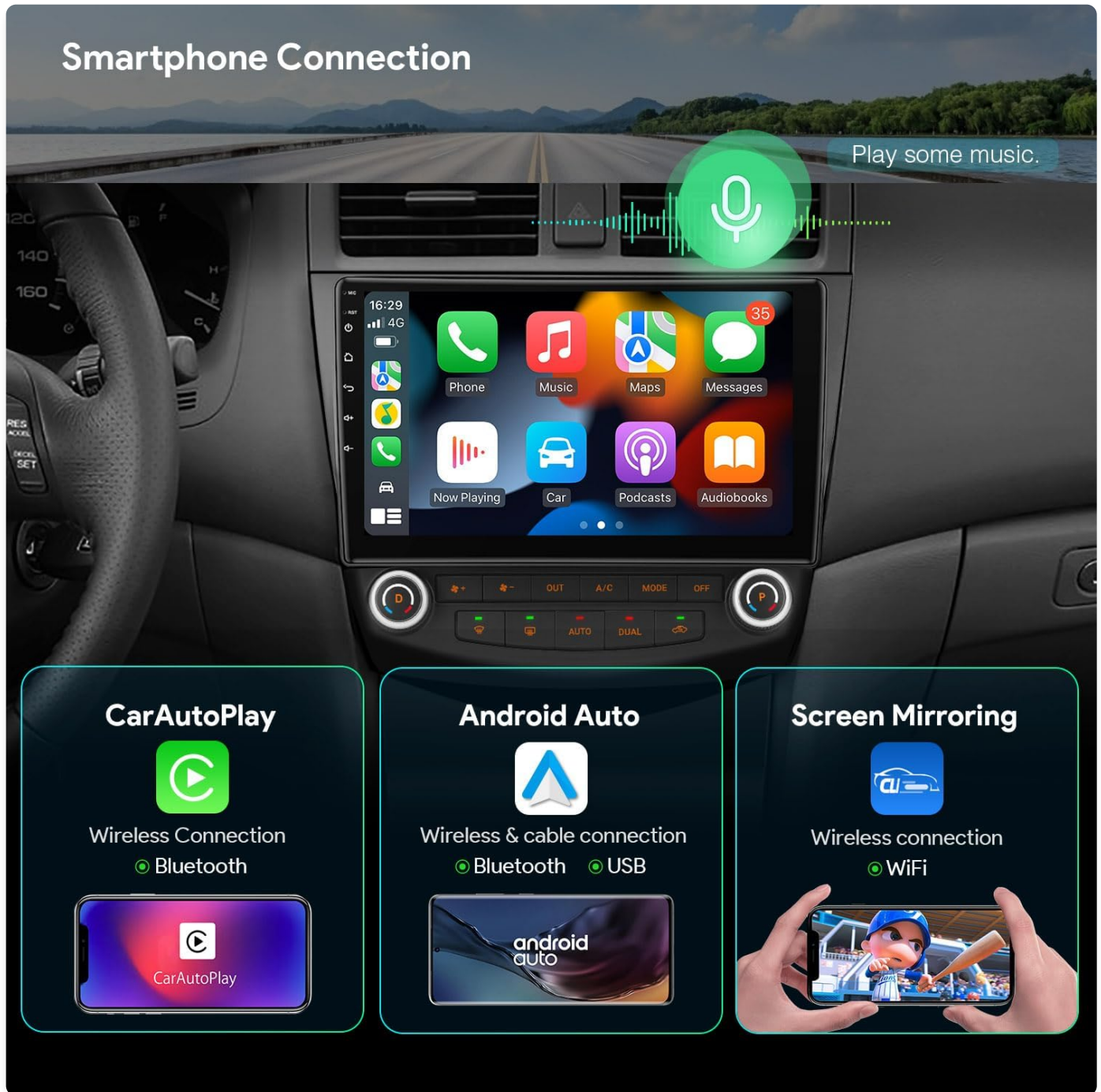
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Video demonstrating the XTRONS Android Car Stereo's user interface, showing navigation, app selection, and various features in action.

Smartphone Connectivity (CarAutoPlay & Android Auto)

Connect your smartphone for enhanced functionality:

- **Wireless Car Play:** Connect your iPhone wirelessly via Bluetooth to use apps and Siri.
- **Wired/Wireless Android Auto:** Connect your Android phone wirelessly or via USB to use apps and Google Assistant.



Visual guide to connecting your smartphone using CarAutoPlay, Android Auto, and Screen Mirroring features.

Audio and DSP Settings

Utilize the built-in Digital Sound Processor (DSP) for customized audio experiences. Adjust equalizer settings, balance, and filter options to suit your preferences.

Global 4G LTE, Connect with No Boundaries

Support 99% of Carriers Worldwide

Supported Bands: 1, 2, 3, 4, 5, 7, 8, 12, 17, 20, 28, 38, 40, 41, 42
Not Supported Bands: 13, 25, 26



MediaTek CAT7 Modem



Download Speed up to 300Mbps

Dual Band WiFi



2.4 GHz

5 GHz

Share Mobile Network by USB Tethering



TO CONNECT USING USB
1. Plug iPhone/Android phone into the USB port of the unit.
2. For iPhone, turn on the option "Allow Others to Join". For Android phone, turn on the option "USB Tethering".

*Some mobile carriers limit or charge extra for tethering. Please checking with your carrier.

Screenshot of the DSP interface, showing various audio adjustment options like equalizer, balance, and filter controls.

MAINTENANCE AND CARE

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

- Regularly clean the screen with a soft, lint-free cloth. Avoid abrasive cleaners.
- Keep the unit free from dust and debris.
- Ensure proper ventilation around the unit to prevent overheating.
- Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.

TROUBLESHOOTING

If you encounter any issues with your XTRONS Car Stereo, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; Power supply issue.	Check all power connections according to the wiring diagram. Inspect and replace any blown fuses. Ensure stable power supply from the vehicle.
No sound output.	Incorrect speaker wiring; Volume too low; Mute function active; DSP settings.	Verify speaker connections. Increase volume. Check if mute is enabled. Adjust DSP settings.
Bluetooth connection issues.	Device not discoverable; Incorrect pairing; Interference.	Ensure Bluetooth is enabled on both devices and set to discoverable. Re-pair the devices. Minimize other wireless interference.
GPS signal loss or inaccuracy.	GPS antenna obstruction; Weak signal area.	Ensure GPS antenna has a clear view of the sky. Move to an open area for better signal reception.

For further assistance, please contact XTRONS customer support.

SPECIFICATIONS

Feature	Detail
Operating System	Android 13
CPU	Octa Core (Cortex-A75 x2 + Cortex-A55 x6)
RAM	4GB DDR4
ROM	64GB SSD
Screen Size	10.1 Inches
Screen Resolution	1280x720 HD
Display Type	IPS Touch Screen
Connectivity	Bluetooth 5.0, 4G LTE, Wi-Fi (2.4GHz & 5GHz), RCA, USB
Audio Output Mode	Stereo
Amplifier Chip	TDA7851 (4x48W)
Radio Chip	TDA7708 with RDS
Item Weight	6.36 pounds
Package Dimensions	16.73 x 13.15 x 5.51 inches

WARRANTY AND SUPPORT

XTRONS provides a 1-year warranty for this unit and offers professional technical support. For any inquiries or assistance, please contact XTRONS customer support via Amazon email.

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ASK A QUESTION ABOUT THIS MANUAL

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Anonymous

Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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