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› XTRONS Android 13 Car Stereo Radio Player 10.1 IPS Touch Screen GPS Navigation Octa Core 4GB RAM 64GB ROM Bluetooth Head Unit 5G WiFi Built-in 4G DSP Car Play Android Auto for Honda Accord 2003-2007 User Manual

XTRONS IAP12ACHLS

XTRONS Android 13 Car Stereo User Manual

Model: IAP12ACHLS

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your XTRONS Android 13 Car Stereo Radio Player. This advanced head unit is designed to enhance your driving experience with its powerful features and intuitive interface. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.



Figure 1.1: XTRONS Android 13 Car Stereo Main Unit

2. PRODUCT FEATURES

Your XTRONS car stereo is equipped with a range of features for a modern in-car entertainment and navigation experience:

- **Operating System:** Android 13
- **Processor:** Octa Core
- **Memory:** 4GB RAM, 64GB ROM
- **Display:** 10.1-inch IPS Touch Screen with 1280 x 720 resolution
- **Navigation:** Built-in GPS
- **Connectivity:** Bluetooth 5.0, 5G WiFi, Built-in 4G LTE Module
- **Audio:** Digital Sound Processor (DSP) for enhanced audio quality
- **Smartphone Integration:** Wireless Car Play, Android Auto, Screen Mirroring
- **Multimedia:** Video Playback with Picture-in-Picture (PiP), Multitask with Split Screen

- **User Interface:** Changeable UI Themes

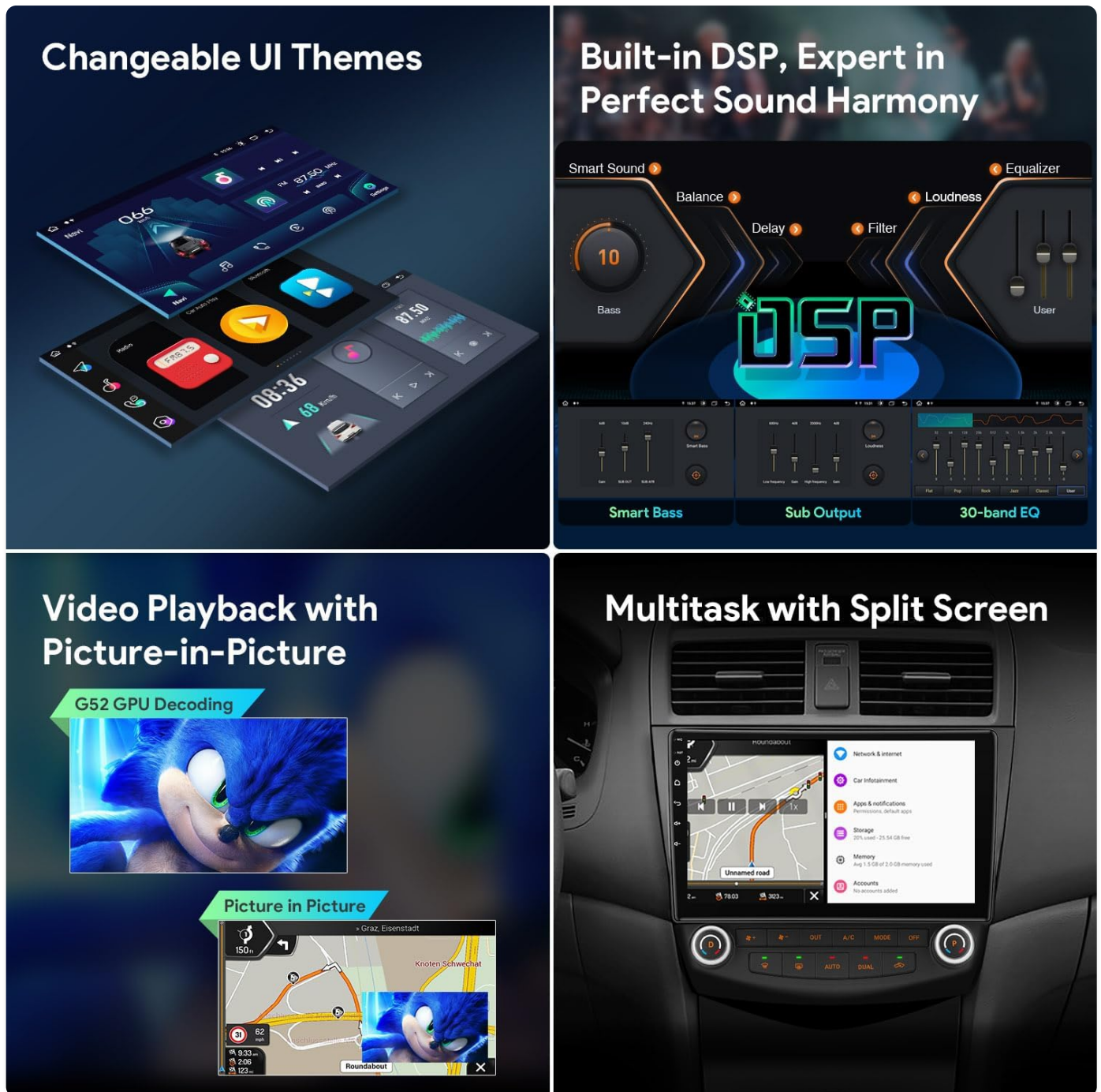


Figure 2.1: Key Features - UI, DSP, PiP, and Split Screen

Global 4G LTE, Connect with No Boundaries

MediaTek CAT7 Modem

4G LTE



**Download Speed
up to 300Mbps**

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



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.**

Figure 2.2: Connectivity Features - 4G LTE, Dual Band WiFi, and USB Tethering

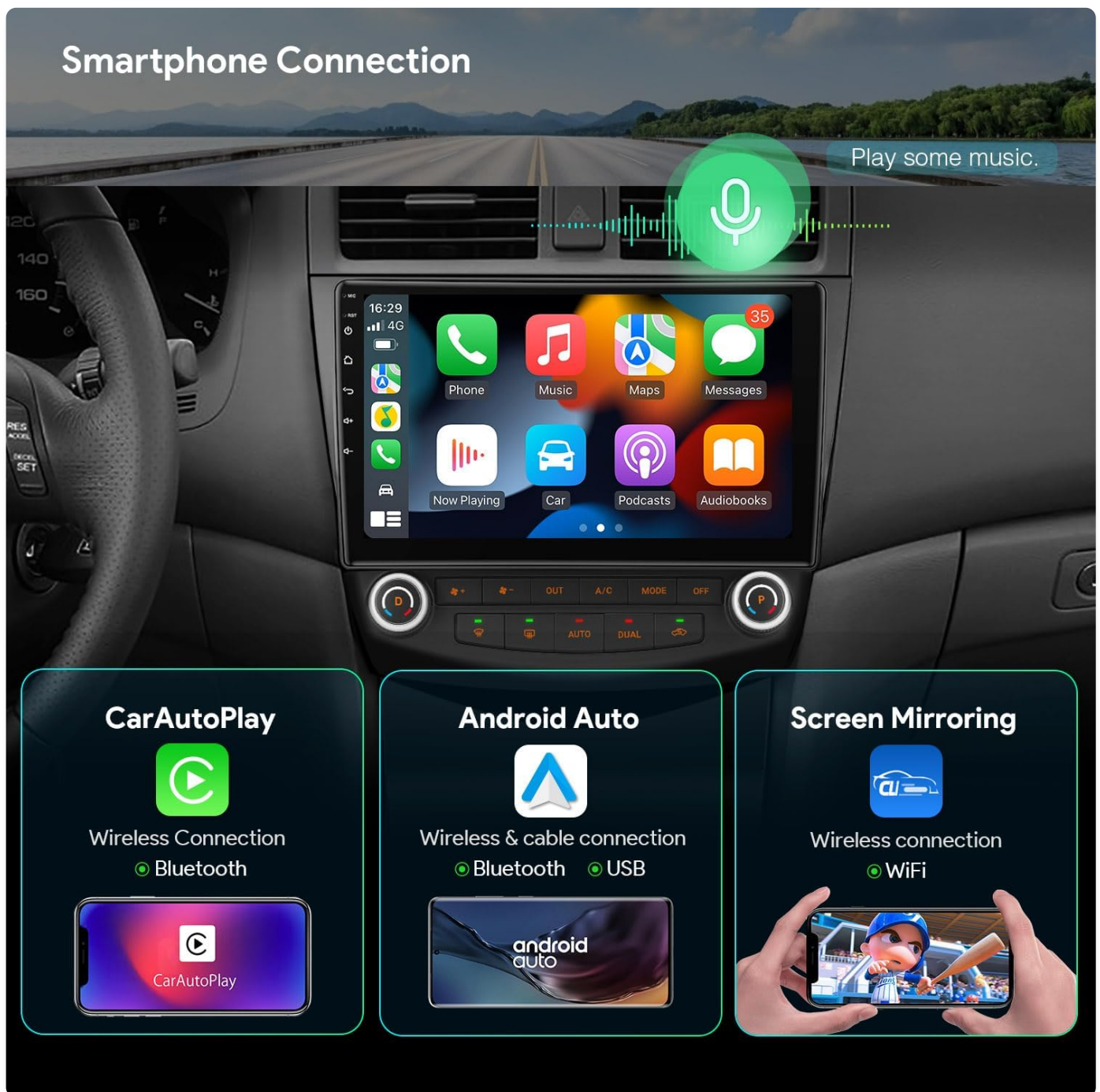


Figure 2.3: Smartphone Integration - CarPlay, Android Auto, and Screen Mirroring

3. COMPATIBILITY & IMPORTANT NOTES

This unit is specifically designed for:

- Honda Accord 2003-2007 Left-hand drive vehicles.

Important Compatibility Notes:

- This unit is **NOT** compatible with the original digital amplifier system.
- This unit can **NOT** work with factory-installed navigation systems.
- This unit does **NOT** fit any diesel-engined vehicles.
- Not compatible with 2-door Honda Accord models due to potential HVAC system incompatibility.

- For vehicles with a built-in navigation system, a 1/4-inch gap may be present after installation, and a central post might need to be removed from the dashboard piece.
- There is no direct connection for Sirius radio.
- The central dashboard radio/clock/AC embedded LED display will not function after installation. The outside temperature indicator will be displayed on the XTRONS screen instead.

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.

Figure 3.1: Visual Comparison - Before and After Installation

4. INSTALLATION & SETUP

Professional installation is highly recommended for this product. Incorrect installation can lead to damage to the unit or vehicle. Ensure the vehicle's battery is disconnected before beginning installation.

4.1 Wiring Diagram

Refer to the following diagram for proper wiring connections. Ensure all connections are secure and correctly matched to

Wiring Diagram



Figure 4.1: Wiring Diagram for XTRONS Car Stereo

Key Connections:

- **Radio Antenna Port:** Connects to your vehicle's radio antenna.
- **CarAutoPlay Port:** For wired CarPlay/Android Auto connections.
- **USB Ports (1 & 2):** For media playback, smartphone connection, and USB tethering.
- **F CCD +12V, Front Camera Power Cable:** Power supply for front camera.
- **RCA Outputs (REAR L/R, FRONT L/R, SUB WOOFER):** For connecting external amplifiers or subwoofers.
- **Wi-Fi Antenna:** For Wi-Fi connectivity.
- **CAMERA-IN, CAM +12V:** Video input and power for rear camera.
- **Brake, Brake-in Cable:** Connects to parking brake signal for safety features.
- **GPS Antenna:** For navigation functionality.
- **CANBus:** For vehicle data communication (e.g., steering wheel controls, climate control).
- **REVERSE-IN, Reversing Control Cable:** Triggers rear camera view when reversing.

- **KEY2, Steering Wheel Control:** For connecting steering wheel control wires.
- **ISO Wiring Harness:** Main power and speaker connections.
- **4G Antenna:** For 4G LTE connectivity.
- **Original Air Conditioner Ports (1 & 2):** For integrating with vehicle's AC system.
- **AMP-CONT, Amplifier Control Cable:** For turning on external amplifiers.
- **AUX IN (R, L):** Auxiliary audio input.
- **MIC, Microphone Port:** For external microphone.
- **CVBS-IN-1, Video Input:** General video input.
- **4G SIM Card Slot:** Insert your 4G SIM card here (Micro-SIM only, not included).

4.2 Initial Setup

- **CANBus Settings:** Access the CANBus menu (usually by entering code **8888** in factory settings) to configure proper reporting units (e.g., Fahrenheit/Celsius, miles per hour) and verify climate control settings (dual or single zone).
- **Steering Wheel Controls:** Map your steering wheel buttons through the unit's settings. Note that not all original steering wheel buttons may be mappable.
- **Video Playback in Motion:** If desired, enable video display while the vehicle is in motion through the video settings.
- **Backup Camera:** Ensure the backup camera is connected to the correct yellow RCA dongle (often part of the 4G SIM card harness). Set the video standard to NTSC in the unit's settings for proper display.

5. OPERATION

5.1 User Interface and Navigation

The unit features a responsive 10.1-inch IPS touchscreen. Navigate through applications and settings by tapping and swiping. The main screen provides quick access to navigation, radio, music, and settings.

5.2 Smartphone Integration

- **Wireless Car Play & Android Auto:** Connect your compatible smartphone wirelessly via Bluetooth for seamless access to navigation, music, calls, and messages.
- **Screen Mirroring:** Mirror your phone's screen directly onto the head unit display via Wi-Fi.

5.3 Multimedia Playback

- **Audio:** Play music from various sources including USB, Bluetooth streaming, and radio (FM/AM). Utilize the built-in DSP to customize sound settings, including equalizer, balance, and loudness.
- **Video:** Play video files from USB storage. The Picture-in-Picture (PiP) mode allows you to watch videos while using other applications like navigation.

5.4 Connectivity

- **4G LTE:** Insert a Micro-SIM card into the designated slot to enable 4G LTE connectivity for online navigation, streaming, and app downloads.
- **Wi-Fi:** Connect to Wi-Fi hotspots (2.4GHz and 5GHz bands supported) for internet access.
- **USB Tethering:** Share your mobile phone's internet connection with the head unit via USB.

6. TROUBLESHOOTING

If you encounter issues with your XTRONS car stereo, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Unit requires frequent reset.	Software glitch or power instability. Try a factory reset (back up data first). Ensure stable power connection. Contact support if persistent.
Bluetooth connectivity issues (losing connection, no volume).	Interference, software bug, or incompatible device. Try re-pairing the device. Ensure Bluetooth is enabled and unit firmware is updated. Reset the unit.
Screen is blank or shows blue lines, but audio works.	Display cable issue or internal hardware fault. Check all connections. Perform a hard reset. If problem persists, contact XTRONS support.
A/C or rear defroster activates automatically.	CANBus communication error or incorrect climate control settings. Verify CANBus settings (code 8888) and ensure correct vehicle model is selected.
Apple CarPlay / Bluetooth stopped working after some time.	Software corruption or module failure. Try a factory reset. Check for firmware updates. If issue persists, contact support.
Noticeable gap after installation (e.g., 1/4 inch).	This can occur in vehicles with factory navigation. It may require modification of the dashboard trim or acceptance of the gap.
Backup camera not displaying.	Incorrect wiring, wrong video standard, or faulty camera. Ensure camera is connected to the correct yellow RCA input. Check video settings for NTSC/PAL compatibility.
HVAC system issues (e.g., air direction control) in 2-door models.	This unit is not fully compatible with the HVAC system of 2-door Honda Accord models. No direct solution for this incompatibility.

7. MAINTENANCE

To ensure the longevity and optimal performance of your XTRONS car stereo, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **General Cleaning:** Keep the unit and surrounding dashboard area free from dust and debris. Use a soft brush or compressed air for hard-to-reach areas.
- **Software Updates:** Periodically check the XTRONS official website or contact support for available firmware updates. Updates can improve performance, add features, and fix bugs. Follow update instructions carefully.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme heat or cold for prolonged periods, as this can affect electronic components.

8. SPECIFICATIONS

Feature	Specification
Brand	XTRONS
Operating System	Android 13
Processor	Octa Core
RAM	4GB
ROM	64GB
Screen Size	10.1 inches
Display Type	IPS Touch Screen
Resolution	1280 x 720
Connectivity Technology	Wi-Fi (2.4GHz/5GHz), USB, Bluetooth 5.0, Built-in 4G
Controller Type	Touchscreen, Google Assistant, iOS, Android
Compatible Devices	Smartphone
Connector Type	RCA, USB
Audio Output Mode	Stereo
Number of Channels	4
Video Encoding	H.264 or H.265
Supported Internet Services	Maps
Item Weight	6.41 pounds
Package Dimensions	16.93 x 13.11 x 5.55 inches
Date First Available	July 27, 2021

8.1 Included Accessories

The package typically includes the following accessories:

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

Figure 8.1: Included Accessories and Unit Dimensions

- 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 Cables
- 1 x GPS Antenna
- 1 x CANBus Box
- 1 x Single Zone AC Cable
- 1 x CANBus Cable
- 1 x User Manual

9. WARRANTY & SUPPORT

XTRONS products are designed for quality and reliability. Your XTRONS car stereo typically comes with a**1-Year Protection** from the date of purchase. Additionally, a**30-Day Return** policy may apply, subject to retailer terms and conditions.

For technical support, warranty claims, or further assistance, please contact XTRONS customer service through their official website or the retailer where the product was purchased. Provide your model number (IAP12ACHLS) and purchase details for faster service.

For more information, visit the official XTRONS store:[XTRONS Store on Amazon](#)

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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