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› [XTRONS](#) /

› XTRONS IAP92CLTS 9-Inch Android 13 Car Stereo User Manual for Toyota Corolla (2007-2013)

XTRONS IAP92CLTS

XTRONS IAP92CLTS 9-Inch Android 13 Car Stereo User Manual

For Toyota Corolla (2007-2013)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your XTRONS IAP92CLTS 9-inch Android 13 Car Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This unit is designed for Toyota Corolla models manufactured between 2007 and 2013.

Important Compatibility Notes:

- This unit is **NOT** compatible with original digital amplifier systems.
- This unit can **NOT** work with factory-installed navigation systems.

Applicable Models & Years

For TOYOTA

For TOYOTA Corolla (2007–2013)



Important Notes on Compatibility

This unit is **NOT** compatible with original digital amplifier system.
This unit can **NOT** work with factory-installed navigation system.

Figure 1.1: Comparison of a Toyota Corolla dashboard before and after the installation of the XTRONS IAP92CLTS car stereo. The image shows the original radio unit on the left and the new 9-inch XTRONS unit seamlessly integrated on the right.

2. PRODUCT FEATURES

The XTRONS IAP92CLTS car stereo offers a range of advanced features to enhance your in-car experience:

- **Operating System:** Latest Android 13 OS for a fast and smooth user experience.
- **Processor & Memory:** Octa-Core CPU (Cortex A75 x2 + Cortex A55 x6) with 4GB RAM and 64GB ROM.
- **Display:** 9-inch IPS Panel with 1280x720 high-definition resolution and 178° viewing angle. Supports 2K video playback.
- **Audio:** Built-in Digital Sound Processor (DSP) for enhanced audio quality, TDA7851 amplifier (4x48W), and Radio TDA7708.
- **Connectivity:** Built-in Wireless CarPlay, Wireless/Wired Android Auto, Bluetooth 5.0 for calls and audio streaming,

Dual Band WiFi (2.4GHz and 5GHz), Integrated 4G solution (supports Micro-SIM card, bands 1, 2, 3, 4, 5, 7, 8, 12, 17, 20, 28, 38, 40, 41, 42).

- **Navigation:** Supports Google Maps, Sygic, Waze, and other Android OS compatible navigation software.
- **User Interface:** Changeable UI themes for personalized aesthetics.
- **Multitasking:** Split Screen mode and Picture-in-Picture (PIP) for video playback.
- **Control:** Steering Wheel Control compatibility, optimized CANbus decoding for Toyota.
- **Additional Support:** AHD Camera support, USB Tethering.



Figure 2.1: Front view of the XTRONS IAP92CLTS car stereo, illustrating its core features including Octa-core processor, 4GB RAM, 64GB ROM, Android 13, Global 4G LTE, Wireless CarPlay, Wireless Android Auto, Built-in DSP, RDS radio, High Power Amplifier, and IPS Screen.



Figure 2.2: An infographic detailing the internal components and capabilities of the XTRONS IAP92CLTS, such as Android OS, 4GB DDR4 RAM, 64GB Solid State ROM, Octa Core CPU, Global 4G LTE Network, Built-in DSP, Wireless CarPlay/Android Auto, AHD Camera support, TDA7851 Amplifier, TDA7708 Radio, 100% Aluminum Heat Sink, IPS Screen (1280x720 HD), USB Tether support, and New UI designs.

3. SETUP

3.1. Package Contents

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

- 1 × ISO Wiring Harness
- 1 × RCA Cable
- 2 × USB Cable
- 1 × GPS Antenna
- 1 × CANbus Cable

- 1 x Camera Cable
- 1 x 4G Antenna
- 1 x User Manual

Size



Accessories



1 x ISO Wiring Harness



1 x RCA Cable



2 x USB Cable



1 x GPS Antenna



1 x CANbus Cable



1 x Camera Cable



1 x 4G Antenna



1 x User Manual

Figure 3.1: An illustration showing the physical dimensions of the XTRONS IAP92CLTS unit and a visual representation of all included accessories: ISO Wiring Harness, RCA Cable, USB Cables, GPS Antenna, CANbus Cable, Camera Cable, 4G Antenna, and the User Manual.

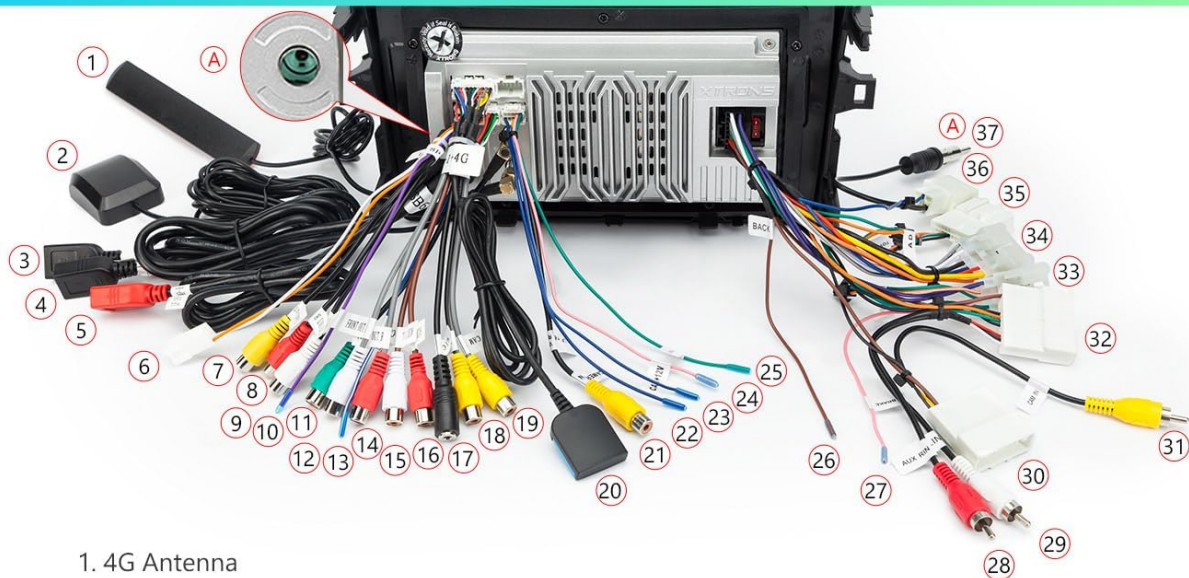
3.2. Installation

Professional installation is recommended. Ensure the vehicle's battery is disconnected before beginning installation. Refer to the wiring diagram for correct connections.

3.3. Wiring Diagram

The following diagram illustrates the various connections for the XTRONS IAP92CLTS car stereo. Carefully match each numbered component to its corresponding description for proper installation.

Wiring Diagram



1. 4G Antenna
1. GPS Antenna
2. USB Port1
3. USB Port2
4. USB Port3
6. null
7. coaxial out, Audio Coaxial Output
8. REAR OUT R, Rear Right Audio Output
9. REAR OUT L, Rear Left Audio Output
10. F CCD+12V, Front Camera Power
11. SUB WOOFER, Subwoofer Output
12. AUX IN L, Audio Input Left
13. AMP-CONT, Amplifier Control Cable
14. AUX IN R, Audio Input Right
15. FRONT OUT L, Front Left Audio Output
16. FRONT OUT R, Front Right Audio Output
17. MIC, External Microphone Port
18. VIDEO IN, Video Input
19. F CAM IN, Front Camera Input

20. 4G SIM Card Slot
21. CAMERA-IN, Camera Input
22. Wi-fi Antenna
23. Bluetooth Antenna
24. CAM+12V, Camera Power Cable
25. BRAKE, Brake-in Cable
26. Back, Reversing Control Cable
27. BRAKE, Brake-in Cable
28. AUX RIN, Audio Input Right
29. AUX LIN, Audio Input Left
30. Reversing Camera Port
31. CAMERA-IN, Camera Input
32. Steering Wheel Control Port
33. Speakers Port
34. ISO Wiring Harness
35. Steering Wheel Control Port
36. Connect to Original Radio Antenna
37. Original Radio Antenna Port

Figure 3.2: Comprehensive wiring diagram for the XTRONS IAP92CLTS unit, showing connections for 4G Antenna, GPS Antenna, USB ports, RCA cables, camera inputs, CANbus, steering wheel controls, and power. Each connection point is numbered for easy identification.

Wiring Diagram Key:

1. 4G Antenna
2. GPS Antenna
3. USB Port 1
4. USB Port 2
5. USB Port 3
6. Null
7. Coaxial Out, Audio Coaxial Output
8. REAR OUT R, Rear Right Audio Output
9. REAR OUT L, Rear Left Audio Output
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11. SUB WOOFER, Subwoofer Output
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13. AMP-CONT, Amplifier Control Cable
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18. VIDEO IN, Video Input
19. F CAM IN, Front Camera Input
20. 4G SIM Card Slot
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22. Wi-Fi Antenna
23. Bluetooth Antenna
24. CAM+12V, Camera Power Cable
25. BRAKE, Brake-in Cable
26. Back, Reversing Control Cable
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32. Steering Wheel Control Port
33. Speakers Port
34. ISO Wiring Harness
35. Steering Wheel Control Port
36. Connect to Original Radio Antenna
37. Original Radio Antenna Port

3.4. Initial Setup

After installation, power on the unit. Follow the on-screen prompts to set up basic preferences such as language, time zone, and network connection. Ensure the GPS antenna is positioned correctly for optimal signal reception.

4. OPERATING INSTRUCTIONS

4.1. User Interface (UI)

The unit features a customizable user interface. You can change UI themes through the settings menu to suit your preference.

4.2. Smartphone Connectivity

The XTRONS IAP92CLTS supports various smartphone integration options:

- **Wireless CarPlay:** Connect your iPhone wirelessly via Bluetooth to access CarPlay features.
- **Wireless/Wired Android Auto:** Connect your Android phone wirelessly via Bluetooth or via USB cable to use Android Auto.
- **Bluetooth 5.0:** Pair your phone for hands-free calling and audio streaming.
- **Screen Mirroring:** Wirelessly mirror your smartphone screen to the head unit via WiFi.



Figure 4.1: An image demonstrating the various smartphone connectivity options available on the XTRONS IAP92CLTS unit, including Wireless CarPlay (via Bluetooth), Wireless & Wired Android Auto (via Bluetooth/USB), and Screen Mirroring (via WiFi).

4.3. Navigation

The unit supports various navigation applications compatible with Android OS, such as Google Maps, Sygic, and Waze. Ensure the GPS antenna is properly connected and has a clear view of the sky for accurate positioning.

Built-in DSP

Professional sound quality



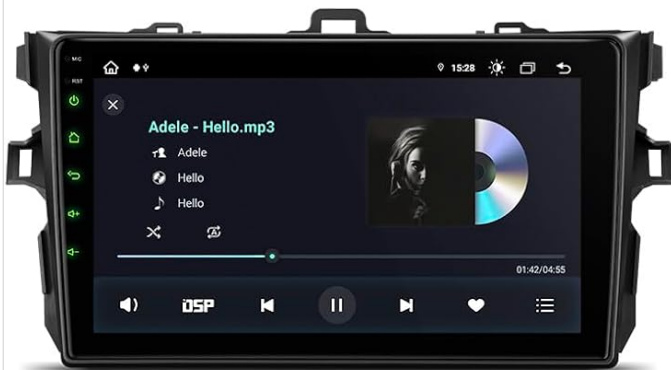
Bluetooth 5.0

Hands-free Calls | Audio Streaming |
Phone Book Synchronise



Optimized CANbus Decoding

The optimized CANbus decoding is designed
as a perfect fitting for TOYOTA



GPS Navigation

Support navigation software that is
compatible with Android OS



Figure 4.2: A collage showcasing four key features: the Built-in DSP for professional sound quality, Bluetooth 5.0 for hands-free calls and audio streaming, Optimized CANbus Decoding for perfect Toyota fitting, and GPS Navigation supporting Android OS compatible software.

4.4. Audio Features

The built-in Digital Sound Processor (DSP) allows for detailed audio customization. Access the DSP settings to adjust balance, loudness, equalizer (30-band EQ), smart bass, and subwoofer output for an optimized sound experience.

4.5. Multimedia

The unit supports 2K video playback. Utilize the Picture-in-Picture (PIP) mode for built-in video player only by clicking the Down Arrow on the screen while a video is playing.

4.6. Network Connectivity

Stay connected with the integrated 4G solution by inserting a Micro-SIM network card. The unit also features Dual Band WiFi (2.4GHz and 5GHz) and supports USB Tethering to share your mobile network.

Global 4G LTE, Connect with No Boundaries

MediaTek CAT7 Modem

4G LTE

300 Mbps

4G

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

12mm
SIM
15mm

*It only supports Micro-SIM card (not included).

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 4.3: An image detailing the network capabilities of the XTRONS IAP92CLTS, including Global 4G LTE with up to 300Mbps download speed, support for 99% of worldwide carriers (Micro-SIM card required), Dual Band WiFi (2.4GHz and 5GHz), and the ability to Share Mobile Network by USB Tethering.

4.7. Steering Wheel Control

The unit is compatible with your vehicle's steering wheel controls, allowing you to manage songs, change channels, and adjust volume without taking your hands off the wheel.

4.8. Split Screen

The split-screen function allows you to run two applications simultaneously, for example, navigation on one side and a music player on the other.

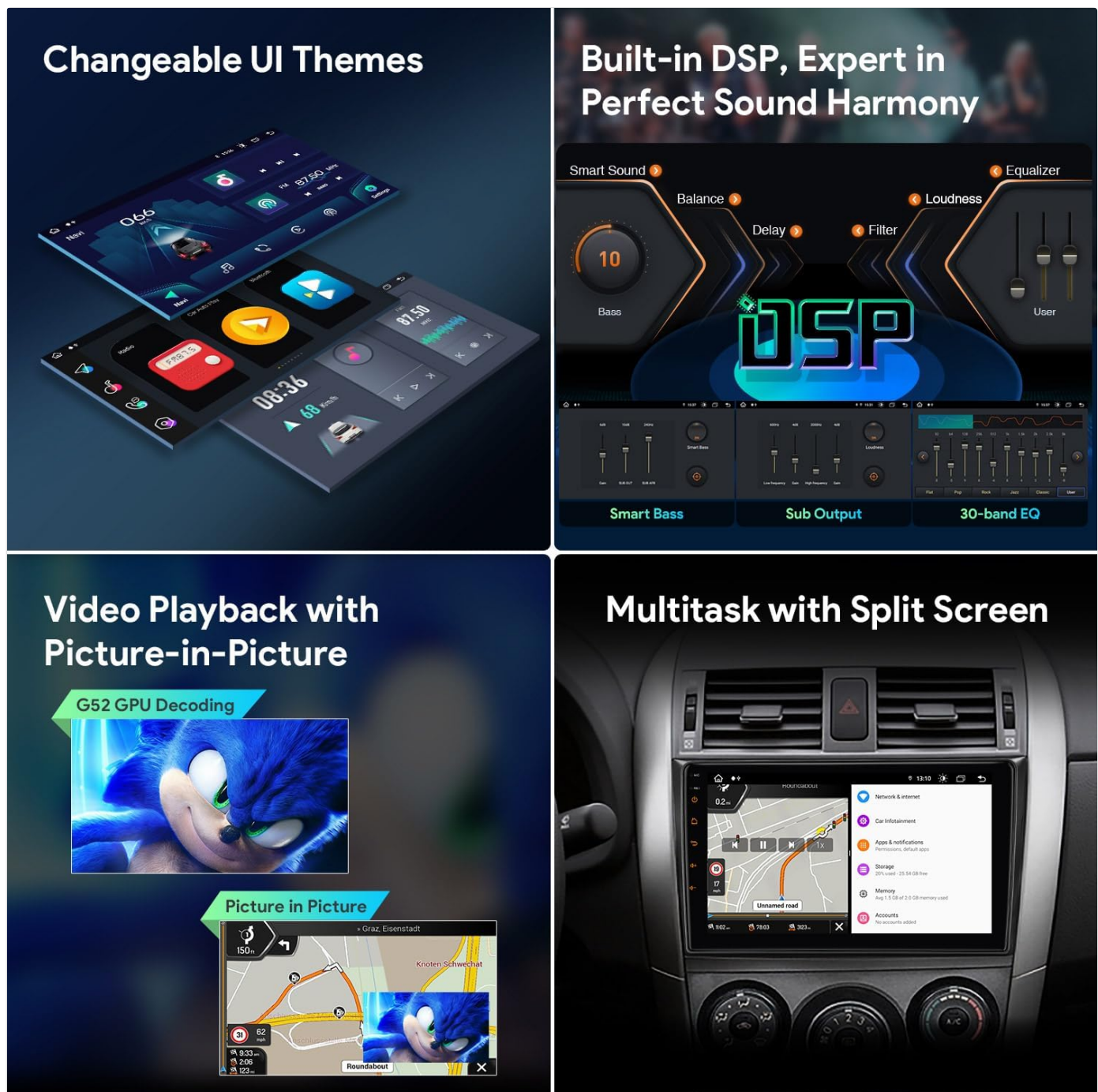


Figure 4.4: A visual representation of several operational features: Changeable UI Themes, the Built-in DSP for sound harmony, Video Playback with Picture-in-Picture (PIP) mode, and Multitasking with Split Screen functionality.

5. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold.
- **Software Updates:** Periodically check for and install software updates provided by XTRONS to ensure the latest features and bug fixes.
- **Cable Connections:** Ensure all cables are securely connected and free from damage.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not power on	Incorrect wiring, blown fuse, power supply issue.	Check power connections and fuses. Ensure proper installation according to the wiring diagram.
No sound output	Speaker wiring issues, volume too low, audio settings incorrect, amplifier not connected.	Verify speaker connections. Check volume levels and mute settings. Adjust audio settings in DSP. Ensure external amplifier (if used) is powered and connected.
Touchscreen unresponsive or glitchy	Software issue, hardware malfunction.	Perform a soft reset (refer to device settings for reset option). If the issue persists, a factory reset might be necessary (note: this will erase all user data). If still unresolved, contact customer support.
GPS signal lost or inaccurate	GPS antenna placement, environmental interference.	Ensure the GPS antenna has a clear view of the sky and is not obstructed. Avoid areas with high buildings or tunnels.
Bluetooth connection issues	Pairing error, device compatibility, Bluetooth module issue.	Ensure Bluetooth is enabled on both devices. Delete previous pairings and re-pair. Check device compatibility.
4G/WiFi connectivity problems	SIM card not inserted correctly, network coverage, WiFi settings.	Check SIM card insertion and ensure it's active. Verify network coverage. Reconnect to WiFi network.

If the problem persists after attempting these solutions, please contact XTRONS customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Item Weight	3.74 pounds
Product Dimensions	9 x 9 x 9 inches
Item Model Number	IAP92CLTS
Display Size	9 Inches
Display Resolution	1280 x 720
Voice Command	Touchscreen
Manufacturer	XTRONS/ShenZhen KaJunDa Technology Co.Ltd
Vehicle Service Type	Car
Special Feature	CarPlay
Connectivity Technology	RCA, USB, Wi-Fi
Map Type	Worldwide

Feature	Detail
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount

8. WARRANTY AND SUPPORT

8.1. Warranty Information

The XTRONS IAP92CLTS unit comes with a 1-year manufacturer's warranty. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

8.2. Technical Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact XTRONS customer support. You can reach us via Amazon email. We aim to respond promptly to ensure your rights and interests are addressed.

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Details

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

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