

XTRONS IA82A4AL



XTRONS Android 13 Car Stereo Radio Player

USER MANUAL

Product Overview

The XTRONS Android 13 Car Stereo Radio Player is an advanced in-car entertainment system designed to enhance your driving experience. Featuring an 8-inch IPS touch screen, Octa Core processor, 4GB RAM, and 64GB ROM, it offers fast and responsive performance. This head unit includes built-in DSP for superior audio, Bluetooth for connectivity, and supports 4G LTE, Car Play, and Android Auto.

- **FAST & RESPONSIVE ANDROID CAR STEREO:** The latest Android 13 OS, upgraded from Android 12, the Octa Core CPU with 4GB RAM & 64GB ROM offers you a faster and smoother experience. Snappy and responsive, just like on an IOS device.
- **INTEGRATED 4G SOLUTION:** Access your data anywhere, anytime! Just insert a Micro-SIM network card and enjoy the convenience of 4G mobile broadband connection anywhere the way it should be, or even SOJO in your car. Besides, it supports 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.
- **BUILT-IN WIRELESS CAR PLAY & WIRED 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 “OK Google” to activate Siri / Google Assistant. Stay focus on the road, drive safely and have fun along the journey with your phone.
- **8-inch BACKLIT DIGITAL MULTI-TOUCH CAR SCREEN:** Your high-resolution 8” touchscreen supports 2K Video Playback. It allows easy visibility, displays all relevant music information and keeps all your favorite options within the reach of your finger.



Figure 1: Front view of the XTRONS Android 13 Car Stereo.

Compatibility

This unit is designed for specific Audi and SEAT models and years:

- For Audi A4 B6 (8E/8H) (2000-2006)
- For Audi A4 B7 (8E/8H) (2004-2008)
- For Audi S4 B7 (8E/8H) (2005-2008)
- For Audi S4 B6 (8E/8H) (2003-2005)
- For Audi RS4 (2002-2008)
- For Audi RS4 B7 (8E) (2006-2008)
- For SEAT Exeo (2008-2012)

Applicable Models & Years

For BMW

For Audi A4 B6 (8E / 8H) (2000-2006), A4 B7 (8E / 8H) (2004-2008),
For Audi S4 B6 (8E / 8H) (2003-2005), S4 B7 (8E / 8H) 2005-2008,
For Audi RS4 (2002-2008), RS4 B7 (8E) (2006-2008)

For Seat

For SEAT Exeo (2008-2012)

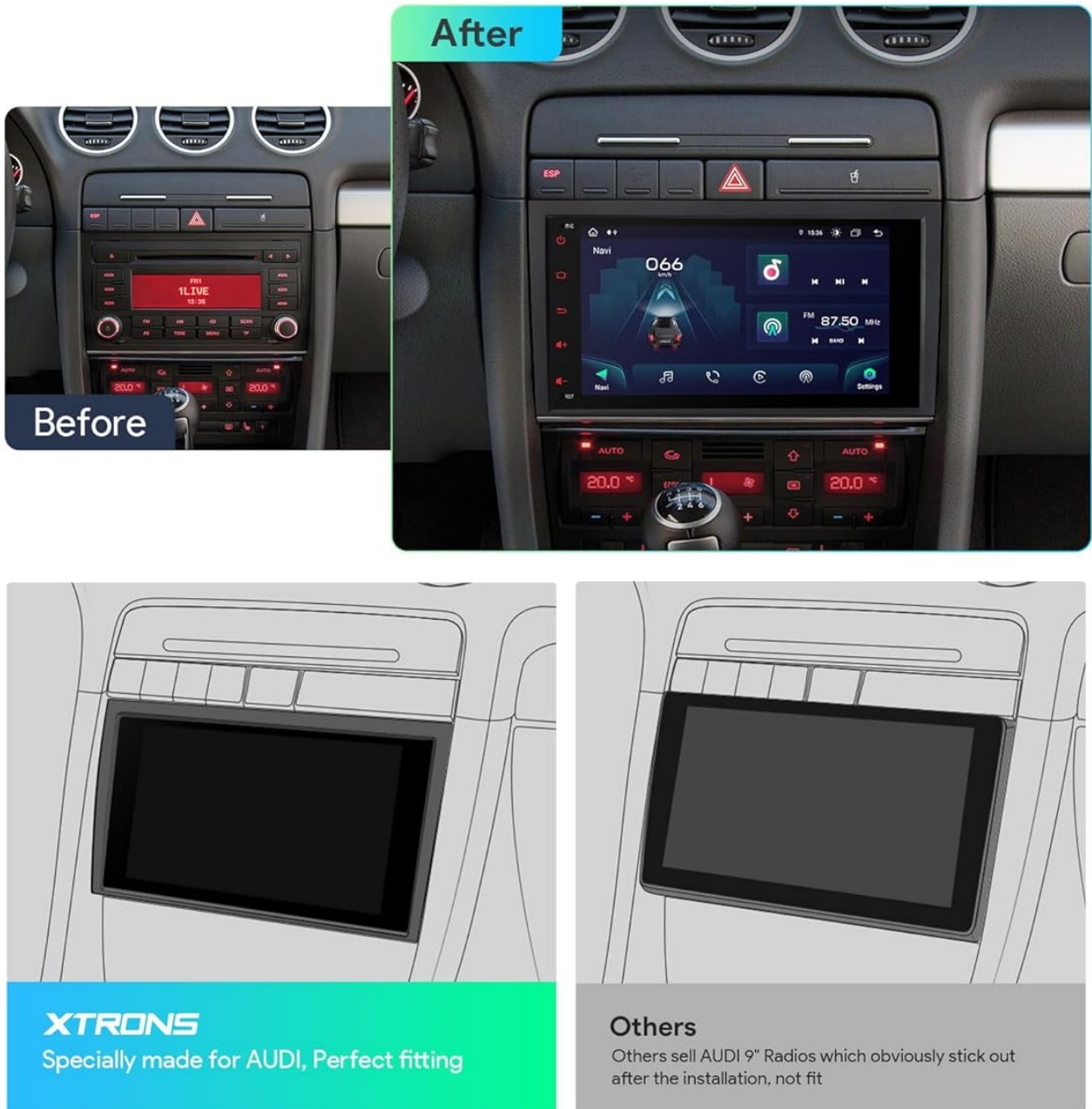


Figure 2: Comparison of car dashboard before and after installation, showing perfect fitting.

Important Compatibility Notes:

- This is a double DIN size product. If your vehicle's original CD is single DIN size, this unit will **NOT** fit.
- If your vehicle has RNS-D (Radio Navigation System) or BNS 5.x (Basic Navigation System), this unit is **NOT** compatible.

Important Notes on Compatibility

Please note this is a double DIN size product.
If your vehicle's original CD is single DIN size, this unit can **NOT** fit with your car.



Cables You May Need

Please check to see whether your vehicles' radio antenna port is the same as the picture on the right, if it is, you need to order a cable to aid for the installation.
(XTRONS **ICE/ACS/ISOFZ** is compatible.)



Please check to see whether there is RNS-D (Radio Navigation System) or BNS 5.x (Basic Navigation System), if there is, this unit is **NOT** compatible with your car.

Figure 3: Visual guide for double DIN compatibility and radio antenna port check.

Technical Specifications

Feature	Specification
Operating System	Android 13
Processor	Octa Core (Cortex A75 x2 + Cortex A55 x6)
RAM	4GB DDR4
ROM	64GB Solid State
Display Size	8 Inches
Display Resolution	1280x720 HD
Connectivity	Bluetooth 5.0, Cellular (4G LTE), Wi-Fi (2.4GHz & 5GHz)

Special Features	Touchscreen, Built-in DSP, Wireless Car Play, Wired Android Auto, GPS Navigation, RDS Radio
Amplifier	TDA7851 4x48W
Radio Chip	TDA7708
Heat Sink	100% Aluminum
Item Model Number	IA82A4AL
Item Weight	4.89 pounds
Package Dimensions	14.17 x 8.66 x 4.92 inches

Android OS

4GB
DDR4 RAM

64GB
Solid State ROM

4G
Global 4G LTE Network

OCTA CORE
Cortex A75 x2 + Cortex A55 x6

Wireless CarAutoPlay/Android Auto

Built-in **DSP**

Support **AHD** Camera

Amplifier
TDA7851 4x48W

Radio
TDA7708

100% Aluminum
Heat Sink

IPS Screen
1280x720 HD

Support **USB Tether** Network Connection

New UIs

Figure 4: Key technical specifications and features.

Package Contents

The following items are included with your XTRONS Android 13 Car Stereo:

- 2 x ISO Wiring Harness
- 1 x RCA Cable
- 1 x 4G Antenna
- 1 x Camera Cable
- 1 x CANbus Box
- 2 x USB Cable
- 1 x GPS Antenna
- 1 x Amplifier Box for BOSE System
- 1 x Radio Antenna Cable
- 1 x CANbus Cable
- 1 x User Manual
- 2 x Uninstallation Tool
- 2 x Clip

Size



Accessories



2 x ISO Wiring Harness



1 x RCA Cable



1 x 4G Antenna



1 x Camera Cable



1 x CANbus Box



1 x Radio Antenna Cable



1 x GPS Antenna



1 x CANbus Cable



2 x USB Cable



1 x Amplifier Box for BOSE System



2 x Uninstallation Tool



2 x Clip



1 x User Manual

Figure 5: All accessories included in the package.

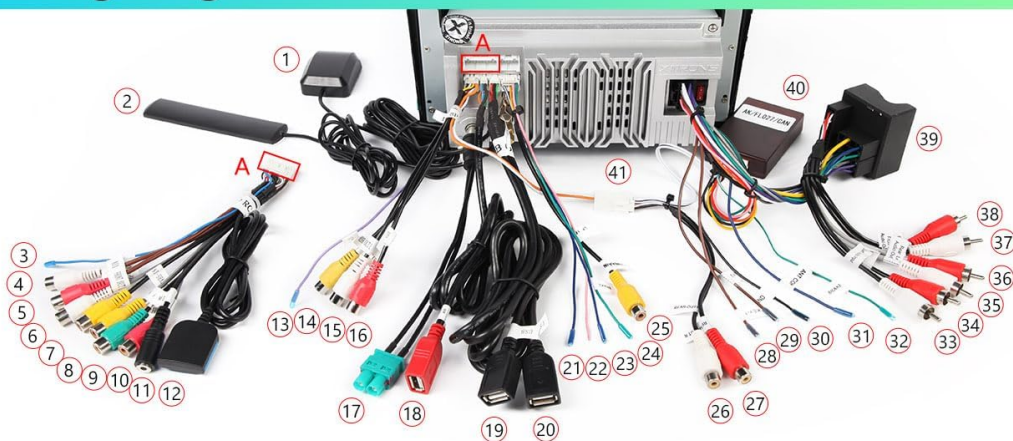
Setup and Installation

Before beginning installation, ensure your vehicle is compatible with the XTRONS IA82A4AL unit as detailed in the Compatibility section. Professional installation is recommended.

Wiring Diagram:

Refer to the detailed wiring diagram below for proper connection of all components. Ensure all connections are secure to prevent malfunction.

Wiring Diagram



- | | |
|---|---|
| 1. GPS Antenna | 21. Bluetooth Antenna |
| 2. 4G Antenna | 22. CAM 12V, Rear Camera Power |
| 3. AMP-CON, Amplifier Control 12V | 23. WiFi Antenna |
| 4. AUX IN L, Audio Input Left | 24. BRAKE, Brake Control Cable |
| 5. AUX IN R, Audio Input Right | 25. CAMERA-IN, Rear Camera Input |
| 6. FRONT OUT L, Front Left Audio Output | 26. REAR OUT L, Rear Left Audio Output |
| 7. AUX CVBS-IN, Video Input | 27. REAR OUT R, Rear Right Audio Output |
| 8. F-CAM IN, Front Camera Video Input | 28. KEY-1, Steering Wheel Control Key 1 |
| 9. SUB WOOFER, Subwoofer Output | 29. KEY-2, Steering Wheel Control Key 2 |
| 10. FRONT OUT Right, Front Right Audio Output | 30. GND |
| 11. MIC, External Microphone Port | 31. ANT CONT, Automatic Antenna Control |
| 12. Micro SIM Card Slot | 32. BRAKE, Brake In Cable |
| 13. F CCD+12V, Front Camera Power | 33. Left Audio Input |
| 14. Coaxial Out, Coaxial Audio Output | 34. Right Audio Input |
| 15. REAR OUT L, Rear Left Audio Output | 35. Rear Left Audio Output |
| 16. REAR OUT R, Rear Right Audio Output | 36. Rear Right Audio Output |
| 17. Original Radio Antenna Port | 37. Front Left Audio Output |
| 18. 4Pin USB Port 1 | 38. Front Right Audio Output |
| 19. USB Port 2 | 39. ISO Wiring Harness |
| 20. USB Port 3 | 40. CANbus Decoding Box |
| | 41. TX/RX |

Figure 6: Comprehensive wiring diagram for the car stereo unit.

Operating Instructions

User Interface (UI) Themes:

The XTRONS unit features changeable UI themes, allowing you to customize the appearance of menus and icons for a personalized and distraction-free driving experience.

Smartphone Connectivity:

The unit supports both Wireless CarAutoPlay and Wired Android Auto, enabling seamless integration with your smartphone. Access navigation, music, calls, and voice assistants directly from the stereo's display.

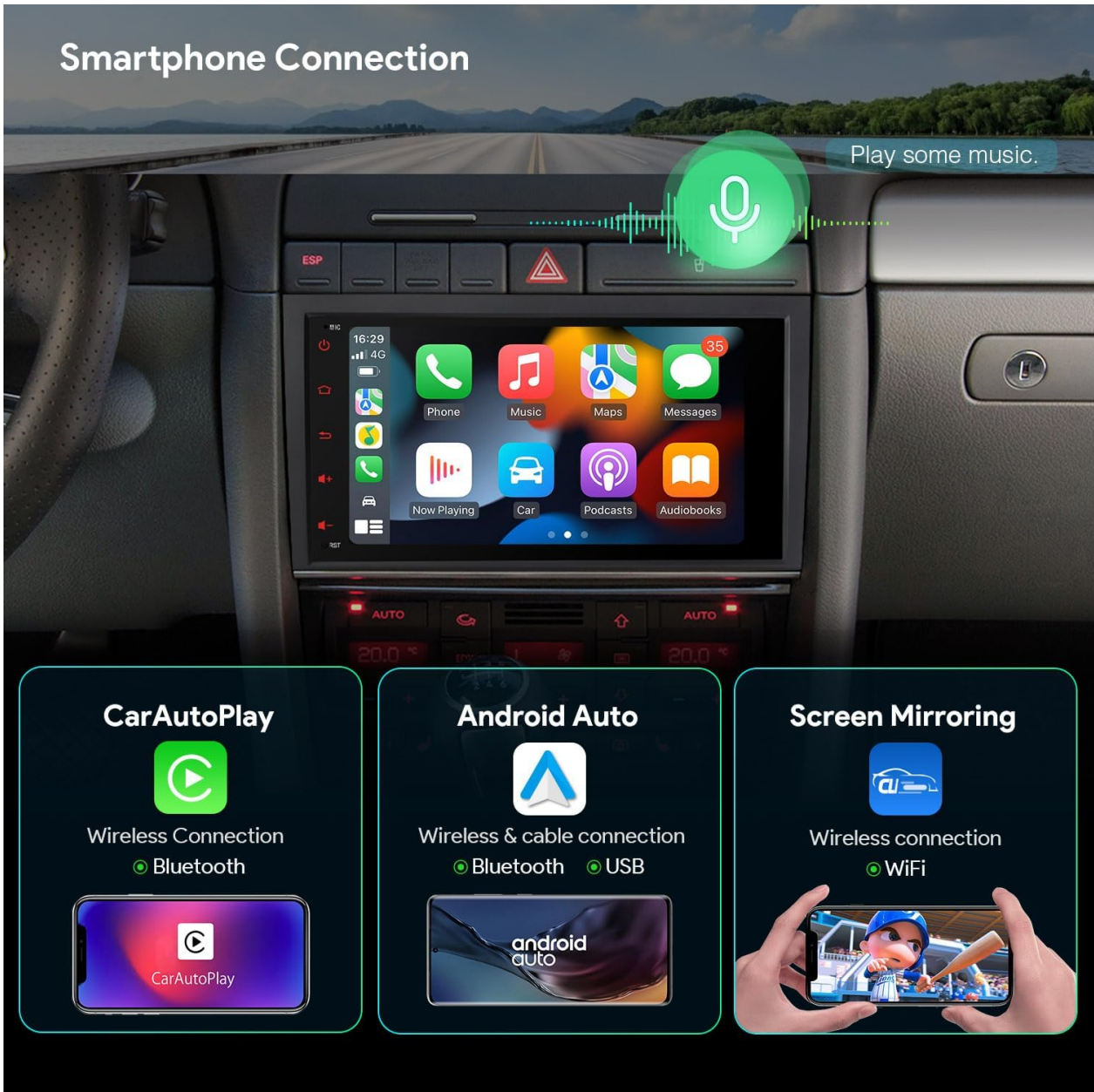


Figure 7: Overview of CarAutoPlay, Android Auto, and Screen Mirroring capabilities.

Global 4G LTE Network:

With an integrated 4G solution, simply insert a Micro-SIM network card to access mobile broadband connection. This unit supports 99% of carriers worldwide.

Dual Band WiFi:

Supports both 2.4GHz and 5GHz Wi-Fi bands for faster speed and flexibility in network connection.

USB Tethering:

Connect your smartphone via USB to share its mobile internet connection with the head unit. (Note: Some mobile carriers may limit or charge extra for tethering. Please check with your carrier.)

Global 4G LTE, Connect with No Boundaries

MediaTek CAT7 Modem

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 8: Details on 4G LTE, Dual Band WiFi, and USB Tethering functionality.

GPS Navigation:

The unit supports various Android OS compatible navigation software, including Google Maps, Sygic, and Waze, providing reliable guidance for your journeys.

Built-in DSP (Digital Sound Processor):

Experience enhanced audio quality with the built-in DSP, offering precise sound adjustments and optimization for an immersive listening experience.

Video Playback with Picture-in-Picture (PIP):

Enjoy 2K video playback with the PIP feature, allowing you to watch videos while performing other tasks on the screen.

Multi-window View:

Run two applications simultaneously on a split screen, such as navigation and music, for improved multitasking.

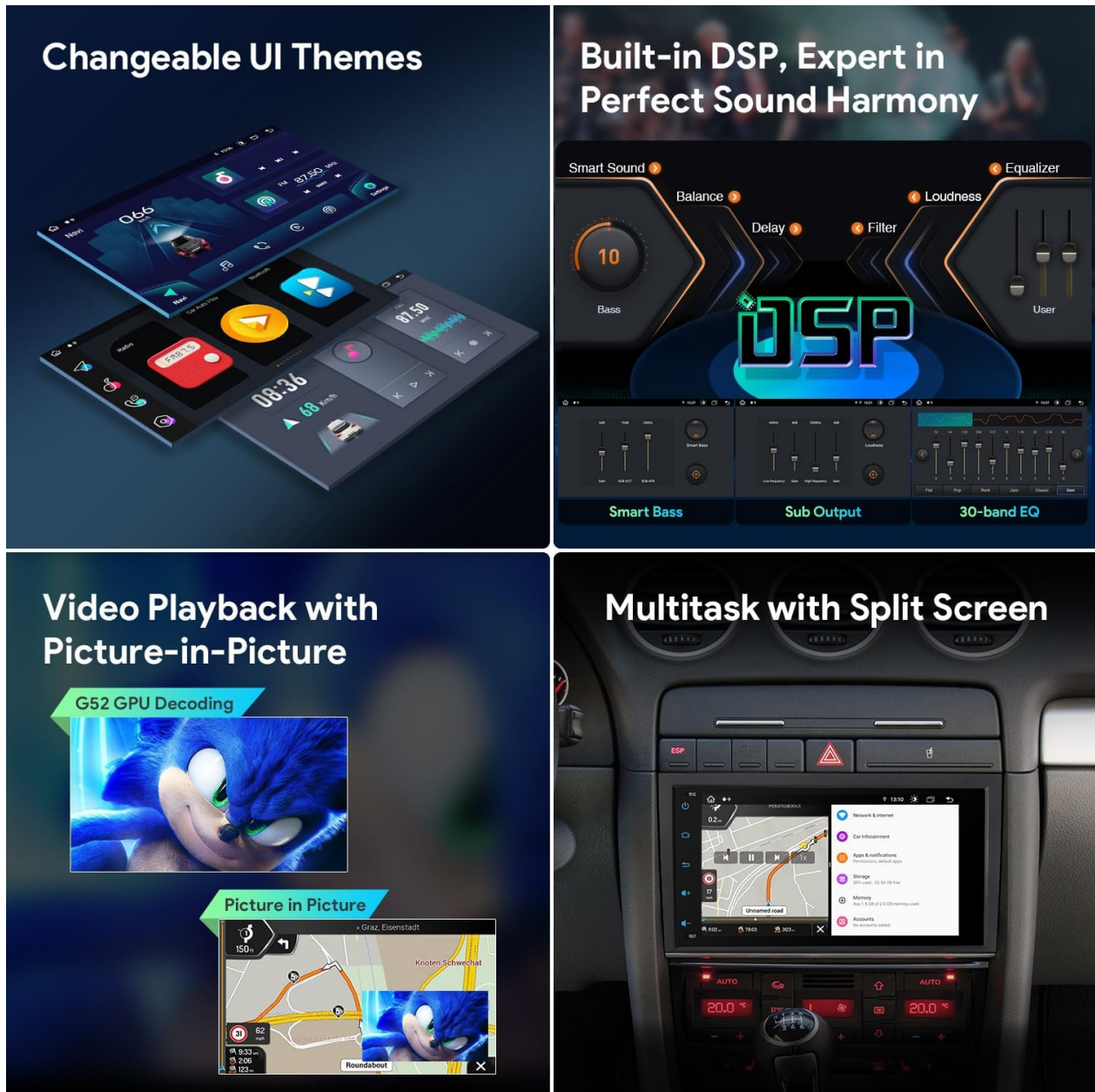


Figure 9: Visual representation of changeable UI themes, DSP settings, PIP, and split-screen mode.

Bluetooth 5.0:

Connect your mobile phone via Bluetooth 5.0 for hands-free calls, access to your phone book, call logs, and seamless music streaming.

Official Product Video:

Watch this video for a detailed overview of the XTRONS Android 11 Car Stereo features and capabilities.

Your browser does not support the video tag.

Video 1: XTRONS Android 11 Car Stereo for Audi A4 S4 RS4 Octa Core 4GB RAM 64GB ROM DSP Car Play Android Auto.

Optional Accessories

Enhance the functionality of your XTRONS car stereo with these optional accessories:

- **OBD Function:** Search ASIN: [B015MU8UN6](#) / [B08HQ9LQ9X](#)
- **TPMS Function:** Search ASIN: [B07WQFKV5G](#) / [B07DKB4GD2](#)
- **Front / Reversing Camera:** Search ASIN: [B07HMLYLJJ](#) / [B00GY3BVT6](#)
- **External DVR:** Search ASIN: [B07MBYCG4C](#) / [B08MF1ZRJ3](#)

Maintenance

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

- Keep the screen clean using a soft, lint-free cloth. Avoid abrasive cleaners.
- Ensure proper ventilation around the unit to prevent overheating.
- Regularly check for firmware updates from the official XTRONS website to ensure the latest features and bug fixes.
- Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.

Troubleshooting

If you encounter any issues with your XTRONS car stereo, consider the following common troubleshooting steps:

- **No Power:** Check all power connections and fuses. Ensure the car's ignition is on.
- **No Sound:** Verify speaker connections, volume settings, and audio source selection. Check DSP settings.
- **GPS Signal Issues:** Ensure the GPS antenna is properly installed and has a clear view of the sky.
- **Bluetooth Connectivity Problems:** Ensure Bluetooth is enabled on both the stereo and your device. Try unpairing and re-pairing the devices.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (refer to settings menu).
- **System Lag/Freezing:** Close unnecessary applications. Clear cache or perform a factory reset if persistent.

For more complex issues, please contact XTRONS customer support.

Warranty and Support

XTRONS backs this unit with a **1-year warranty**. We are committed to providing professional technical support to ensure your satisfaction.

If you require assistance or have any questions, please do not hesitate to contact us via Amazon email. We will reply as soon as possible and ensure your rights and interests are protected at all times.

For more information about XTRONS products and support, visit the official XTRONS Store on Amazon:

[XTRONS Store](#)

