XTRONS PBX70ATT

XTRONS PBX70ATT Android Car Stereo User Manual

Model: PBX70ATT | Brand: XTRONS

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your XTRONS PBX70ATT Android Car Stereo. This unit is designed to enhance your in-car entertainment and navigation experience with its advanced features and user-friendly interface.

Applicable Models & Years

This unit is specifically designed for the following vehicle models:

- Audi TT MK2 8J (2006, 2007, 2008, 2009, 2010, 2011, 2012)

Image: Visual comparison of an Audi TT MK2 dashboard before and after the XTRONS car stereo installation, demonstrating seamless integration.

2. Important Notes on Compatibility

Before installation, it is crucial to verify your vehicle's existing system. This unit may not be compatible with vehicles equipped with RNS-D (Radio Navigation System) or BNS 5.x (Basic Navigation System). If your vehicle has either of these systems, please consult with XTRONS support for alternative solutions.

Image: A diagram highlighting critical compatibility considerations for the car stereo, specifically regarding existing navigation systems.

3. Package Contents

Please check the package contents against the list below to ensure all components are present.

- 1 x XTRONS PBX70ATT Head Unit
- 1 x ISO Wiring Harness

- 1 x USB Cable
- 1 x GPS Antenna
- 2 x RCA Cables
- 1 x WiFi Antenna
- 1 x Microphone & Camera Cable
- 1 x CANbus Box
- 1 x User Manual
- Additional accessories may include: Radio Antenna Cable, Amplifier Box for BOSE System, Uninstallation Tool, Clips.

Image: A comprehensive layout of all cables, antennas, and tools included in the XTRONS PBX70ATT package.

4. Setup and Installation

Installation of the XTRONS PBX70ATT is designed to be straightforward for compatible Audi TT MK2 models. Professional installation is recommended if you are unfamiliar with car audio wiring.

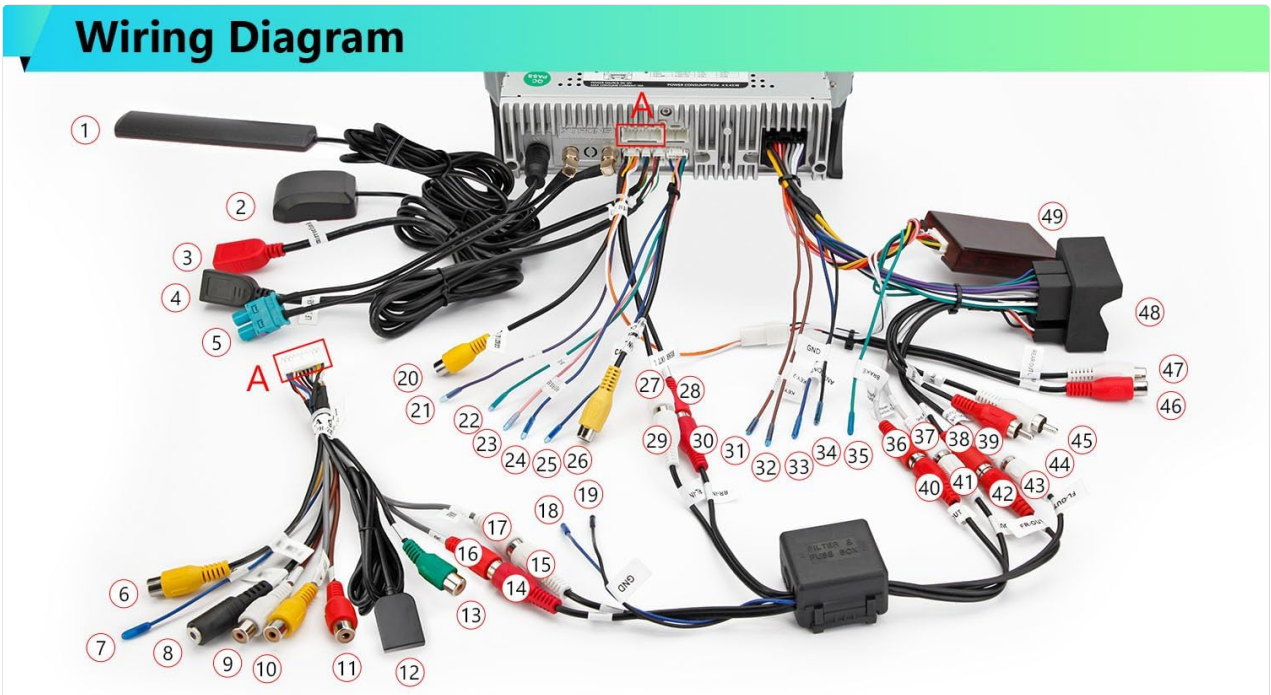
4.1 Pre-Installation Checks

- Ensure the vehicle's ignition is off and the battery is disconnected before starting installation.
- Confirm compatibility with your vehicle's radio antenna port. Some vehicles may require an additional cable.
- If your vehicle has static noise in the rear speakers, especially with a BOSE system, you may need an XTRONS AK/INIB/NRCBL adapter. Ensure your original ISO wiring harness plug is 40-pin before purchasing.

Image: A visual guide to identifying the radio antenna port and understanding potential cable requirements for installation.

4.2 Wiring Diagram

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



1. 4G Antenna
2. GPS Antenna
3. CarAutoPlay Port
4. USB Port1
5. Radio Antenna Port
6. F CAM IN, Front Camera Input
7. AMP-CONT, Amplifier Control Cable
8. MIC, External Microphone Port
9. AUX IN L, Audio Input Left
10. VIDEO IN, Video Input
11. AUX IN R, Audio Input Right
12. 4G SIM Card Slot
13. SUB WOOFER, Subwoofer Output
14. FR-IN, Front Right Sound Channel Input
15. FL-IN, Front Left Sound Channel Input
16. FRONT OUT R, Front Right Audio Output
17. FRONT OUT L, Front Left Audio Output
18. AMP 12V, Amplifier Control 12V
19. GND
20. coaxial out, Audio Coaxial Output
21. F CCD+12V, Front Camera Power
22. BRAKE, Brake-in Cable
23. CAM+12V, Rear Camera Power
24. Wi-fi Antenna
25. Bluetooth Antenna
26. CAMERA-IN, Camera Input
27. REAR OUT L, Rear Left Audio Output
28. REAR OUT R, Rear Right Audio Output
29. RL-IN, Rear Left Sound Channel Input
30. RR-IN, Rear Right Sound Channel Input
31. KEY-1, Steering Wheel Control Key1
32. KEY-2, Steering Wheel Control Key2
33. ANT CONT, Automatic Antenna Control
34. GND
35. BRAKE, Brake-in Cable
36. Rear Right Audio Output
37. Rear Left Audio Output
38. Front Right Audio Output
39. Front Left Audio Output
40. RR-OUT, Rear Right Sound Channel Output
41. RL-OUT, Rear Left Sound Channel Output
42. FR-OUT, Front Right Sound Channel Output
43. FL-OUT, Front Left Sound Channel Output
44. Right Audio Input
45. Left Audio Input
46. REAR OUT L, Not Available
47. REAR OUT R, Not Available
48. ISO Wiring Harness
49. CANbus Box

Image: A comprehensive wiring diagram illustrating all input and output connections for the XTRONS PBX70ATT head unit.

4.3 Physical Installation

The unit is designed to fit the double DIN slot of the Audi TT MK2. Use appropriate radio removal keys to extract

the factory stereo. Connect the wiring harness, antennas, and other accessories as per the wiring diagram. Carefully slide the new head unit into the dashboard slot until it clicks into place.

Image: Technical drawing displaying the precise dimensions (width, height, depth) of the XTRONS PBX70ATT unit for accurate fitment.

5. Operating Instructions

The XTRONS PBX70ATT operates on Android 10.0, offering a responsive and intuitive user experience.

5.1 Basic Functions

- **Power On/Off:** Press and hold the power button to turn the unit on or off. A short press typically mutes or unmutes audio.
- **Volume Control:** Use the physical volume knob or on-screen controls to adjust audio levels.
- **Touch Screen:** The 7-inch multi-touch display allows for intuitive control of all functions.
- **Button Colors:** Customize the panel light colors to match your vehicle's interior lighting.

5.2 Android OS Features

The unit features a PX5 Octa-Core 64-bit processor with 4GB RAM and 64GB ROM, ensuring fast performance and ample storage.

- **Driver Friendly User Interface:** The customized UI provides easy access to frequently used features directly from the main screen.
- **Split Screen:** Run two applications simultaneously side-by-side, such as navigation and music playback.
- **GPS Navigation:** Supports popular Android navigation software like Google Maps, Sygic, and Waze.
- **2K Video Playback:** Supports various video formats with up to 2K fidelity.
- **Built-in DSP:** Digital Sound Processor for enhanced audio quality, offering smart bass, balance, delay, loudness, filter, and a 30-band EQ.

Image: An infographic detailing the core specifications and features of the XTRONS PBX70ATT, such as 4GB RAM, 64GB ROM, Octa-Core CPU, built-in DSP, and IPS screen.

Image: Demonstrates the dual user-friendly UI, built-in DSP controls, picture-in-picture video playback, and multitasking with split screen functionality.

5.3 Connectivity

- **Bluetooth 5.0:** Pair your smartphone for hands-free calling and music streaming from apps like Pandora, iHeartRadio, and Spotify.
- **Wi-Fi:** Connect to a Wi-Fi hotspot for internet access. Supports dual-band 2.4GHz and 5GHz Wi-Fi.
- **USB Tethering:** Share your mobile phone's internet connection with the head unit via USB.
- **Global 4G LTE:** Built-in 4G LTE network support (requires Micro-SIM card, not included) for high-speed internet access.

Image: Illustrates various smartphone connection methods including Wireless CarAutoPlay (Bluetooth), Android Auto (Wireless & cable via Bluetooth/USB), and Screen Mirroring (WiFi).

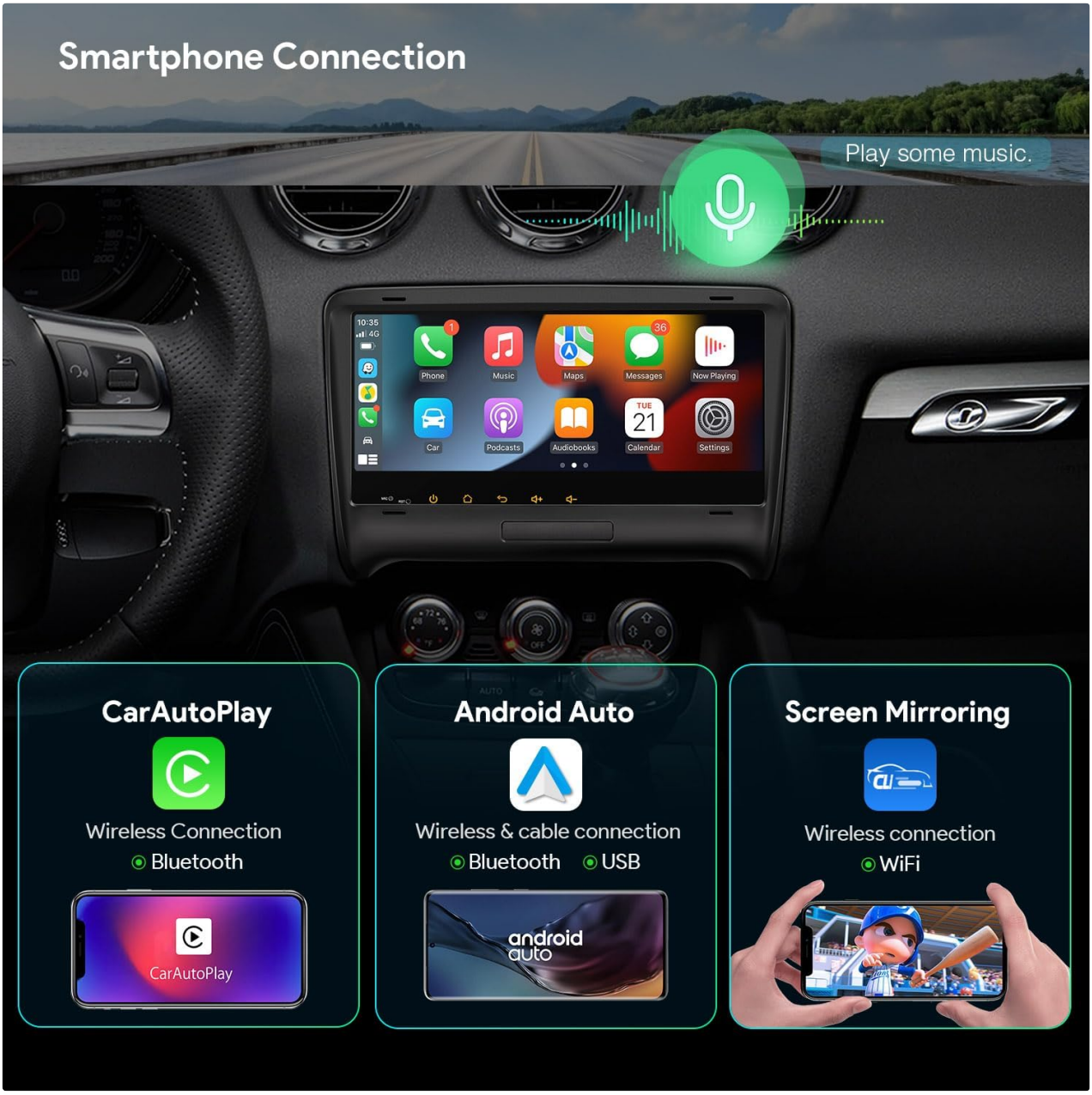


Image: Details the unit's global 4G LTE capabilities with supported bands, dual-band WiFi, and the process for sharing mobile network via USB tethering.

5.4 Media Playback & Radio

- **DVD/USB/SD:** Supports playback from DVD, USB drives (up to 128GB, files within 4GB), and SD cards.
- **Built-in Radio Tuner:** Store up to 54 FM and 24 AM stations.
- **DAB+ Tuner Ready (Optional):** Supports DAB+ for better sound quality, stronger signal, and more stations (requires optional DAB+ module).

Image: Highlights the optional DAB+ Tuner Ready feature, promising improved sound quality, stronger signal reception, and access to a wider range of digital radio stations.

6. Maintenance

To ensure the longevity and optimal performance of your XTRONS PBX70ATT car stereo, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit exterior. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check the XTRONS official website for firmware updates to ensure you have the latest features and bug fixes.
- **Temperature:** Avoid exposing the unit to extreme temperatures, which can affect performance and lifespan.
- **Disc Care:** If using the DVD player, handle discs by their edges and keep them clean and scratch-free.

7. Troubleshooting

This section addresses common issues you might encounter with your XTRONS PBX70ATT unit.

7.1 No Power / Unit Not Turning On

- Check all power connections, including the ISO wiring harness. Ensure the vehicle's battery is connected and charged.
- Verify the vehicle's fuse for the stereo system.

7.2 No Audio / Poor Sound Quality

- Ensure all speaker wires are correctly connected and not short-circuited.
- Check the volume level and mute settings.
- If using a BOSE sound system, ensure the amplifier box is correctly installed and connected. A loose pin in the connector (e.g., White/Blue cable) can cause audio issues.
- Adjust DSP settings (Equalizer, Balance, Fader) to optimize sound.

7.3 GPS Signal Issues

- Ensure the GPS antenna is properly connected and placed in a location with a clear view of the sky (e.g., on the dashboard).
- Verify that GPS services are enabled in the Android settings.

7.4 Bluetooth / Wi-Fi Connectivity Problems

- Ensure Bluetooth/Wi-Fi is enabled on both the head unit and the device you are trying to connect.
- For Wi-Fi, check the network password and signal strength.
- For USB tethering, ensure your mobile carrier supports it and that the feature is enabled on your phone.

7.5 Unit Does Not Fit Flush

- Ensure all cables are neatly tucked away behind the unit to prevent obstruction.
- Verify that the mounting brackets are correctly aligned and secured.

8. Specifications

Operating System	Android 10.0
Processor	PX5 Octa-Core 64-bit
RAM	4GB
ROM	64GB
Screen Size	7-inch Multi-Touch Display
Connectivity	Bluetooth 5.0, Wi-Fi (2.4GHz/5GHz), RCA, USB, 4G LTE
Media Type Support	DVD, USB (up to 128GB), SD

Compatible Devices	Mobile Phone (for CarAutoPlay, Android Auto, Screen Mirroring)
Item Model Number	PBX70ATT
Item Weight	7.79 pounds
Package Dimensions	13.66 x 11.34 x 8.5 inches

9. Warranty and Support

XTRONS products are designed for reliability and performance. For warranty information, please refer to the documentation included with your purchase or visit the official XTRONS website. For technical support, installation assistance, or troubleshooting beyond this manual, please contact XTRONS customer service through their official channels.
You can find additional resources and contact information on theXTRONS Store on Amazon.

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