

XTRONS PX7446BL

XTRONS 7-Inch Android 14 Car Stereo User Manual

Model: PX7446BL

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your XTRONS 7-inch Android 14 Car Stereo. Please read this manual thoroughly before using the product to ensure proper function and safety.

1.1 Applicable Models and Years

- **BMW E46:** 4-door Sedan (1998-2005), 2-door Coupe (1999-2006), 2-door Convertible (1999-2006), 5-door Touring (1999-2005), 3-door Hatchback (2000-2004), M3 (2000-2006)
- **Rover 75:** (1999-2005)
- **MG ZT:** (2001-2005)

Applicable Models & Years

For BMW

For E46 4-door Sedan (1998-2005), E46 2-door Coupe (1999-2006),
For E46 2-door Convertible (1999-2006), E46 5-door Touring (1999-2005),
For E46 3-door Hatchback (2000-2004), E46 M3 (2000-2006)

For Rover

For Rover 75 (1999-2005)

For MG

For ZT (2001-2005)



Image Description: This image displays a 'Before' and 'After' comparison of a car's dashboard. The 'Before' section shows the original factory radio, while the 'After' section illustrates the XTRONS 7-inch Android 14 Car Stereo seamlessly integrated into the dashboard, highlighting the improved visual and functional upgrade.

1.2 Key Features

- **Operating System:** Latest Android 14
- **Processor:** Octa-core (up to 2.0GHz) with 4GB RAM and 64GB ROM
- **Display:** 7-inch 1024x600 High Definition Touch Screen with IPS Technology
- **Connectivity:** Global 4G LTE, Dual Wi-Fi Band (2.4GHz/5GHz), Bluetooth 5.0
- **Smartphone Integration:** Built-in Wireless CarPlay and Wireless/Wired Android Auto, Screen Mirroring
- **Audio:** Built-in DSP (Digital Sound Processor), High Power Amplifier (4x45W)
- **Customization:** 4 Unique UI Themes, Multi-Color LED Button Lights
- **Video Playback:** Supports 2K format video

2. PACKAGE CONTENTS

Verify that all items listed below are present in your product package:

Size



Accessories



1 x ISO Wiring Harness



1 x SIM Card Slot Cable



1 x 4G Antenna
1 x WiFi Antenna



1 x Camera Cable



1 x GPS Antenna



1 x Radio Cable Adapter



2 x Installation Holder



1 x Microphone



2 x USB Cable



1 x Radio Antenna Cable



1 x CANbus Box



1 x User Manual

Image Description: This image provides a detailed view of the XTRONS car stereo's dimensions (248mm width, 120mm height, 178mm depth) and a comprehensive layout of all included accessories, such as wiring harnesses, antennas, cables, and installation tools.

- 1 x ISO Wiring Harness
- 1 x SIM Card Slot Cable
- 1 x 4G Antenna
- 1 x WIFI Antenna
- 1 x Camera Cable
- 1 x GPS Antenna
- 1 x Radio Cable Adapter
- 2 x Screw
- 2 x Installation Holder
- 1 x Microphone
- 2 x USB Cable
- 1 x Radio Antenna Cable
- 1 x CANbus BOX
- 1 x User Manual

3. INSTALLATION

Professional installation is recommended. Ensure the vehicle's power is disconnected before beginning installation.

3.1 Wiring Diagram

Refer to the following diagram for proper connection of all cables and accessories.

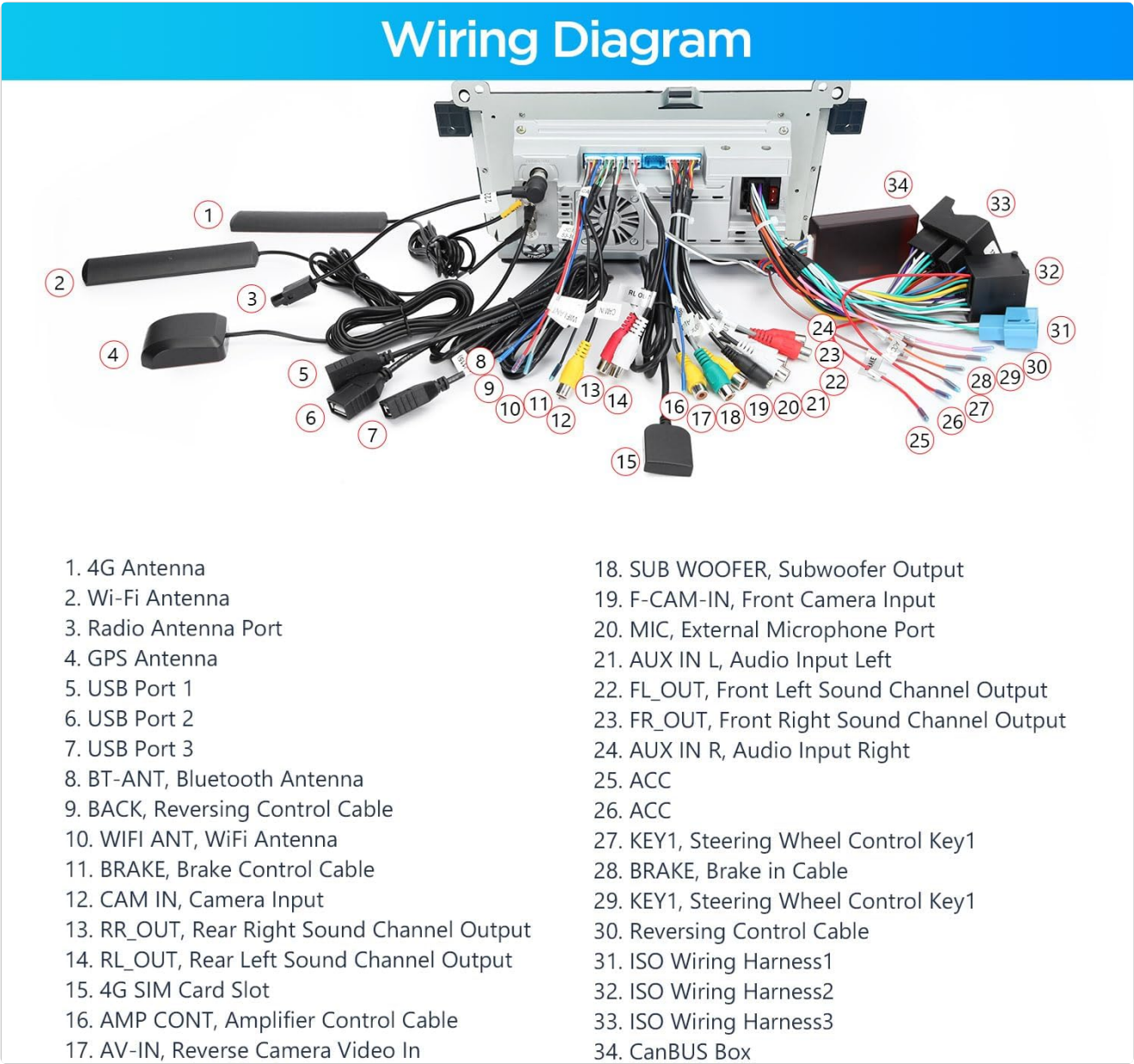


Image Description: This image presents a comprehensive wiring diagram for the XTRONS car stereo. It clearly labels each connection point, including antennas (4G, Wi-Fi, GPS), USB ports, camera inputs, audio outputs (subwoofer, front, rear), steering wheel controls, and ISO wiring harnesses, providing a visual guide for installation.

- 1. 4G Antenna
- 2. Wi-Fi Antenna
- 3. Radio Antenna Port
- 4. GPS Antenna
- 5. USB Port 1
- 6. USB Port 2
- 7. USB Port 3
- 8. BT-ANT, Bluetooth Antenna

9. BACK, Reversing Control Cable
10. WIFI ANT, WiFi Antenna
11. BRAKE, Brake Control Cable
12. CAM IN, Camera Input
13. RR_OUT, Rear Right Sound Channel Output
14. RL_OUT, Rear Left Sound Channel Output
15. 4G SIM Card Slot
16. AMP CONT, Amplifier Control Cable
17. AV-IN, Reverse Camera Video In
18. SUB WOOFER, Subwoofer Output
19. F-CAM-IN, Front Camera Input
20. MIC, External Microphone Port
21. AUX IN L, Audio Input Left
22. FL_OUT, Front Left Sound Channel Output
23. FR_OUT, Front Right Sound Channel Output
24. AUX IN R, Audio Input Right
25. ACC
26. ACC
27. KEY1, Steering Wheel Control Key1
28. BRAKE, Brake In Cable
29. KEY1, Steering Wheel Control Key1
30. Reversing Control Cable
31. ISO Wiring Harness1
32. ISO Wiring Harness2
33. ISO Wiring Harness3
34. CANbus Box

4. SETUP

4.1 Initial Power-On

After installation, turn on your vehicle's ignition. The stereo should power on automatically. Follow any on-screen prompts for initial setup, such as language selection and time zone.

4.2 Network Connection

The unit supports both 4G LTE and Wi-Fi connectivity.

- **4G LTE:** Insert a Micro-SIM card into the designated slot (refer to wiring diagram item 15). The unit will automatically detect and connect to the 4G network.
- **Wi-Fi:** Navigate to the settings menu, select Wi-Fi, and connect to an available 2.4GHz or 5GHz network.
- **USB Tethering:** You can also share your mobile phone's network connection via USB tethering.



Image Description: This image demonstrates the various network connectivity options. It shows a SIM card being inserted for 4G LTE, the unit connected to a 4G network, dual-band Wi-Fi (2.4GHz and 5GHz) in use, and a smartphone connected via USB for network sharing (tethering).

5. OPERATING INSTRUCTIONS

5.1 Touch Screen Interface

The 7-inch 1024x600 high-resolution touch screen provides intuitive control over all functions. Tap, swipe, and pinch gestures are supported.

7" Grade-A G+G Touch Screen with IPS Technology

Touch Screen

1024x600 pixels



Latest Bluetooth 5.0 More Stable Audio Transmission



Image Description: This image highlights the 7-inch touch screen's capability to display 2K video content. Below, it illustrates the Bluetooth 5.0 functionality, including hands-free calling, phone book synchronization, and Bluetooth music streaming, with a smartphone connected to the unit.

5.2 Bluetooth 5.0

Pair your smartphone via Bluetooth 5.0 for hands-free calling, contact synchronization, and audio streaming. Access Bluetooth settings from the main menu to pair devices.

5.3 GPS Navigation

The unit supports fast and accurate GPS navigation by utilizing two out of three satellite systems simultaneously. Pre-installed navigation apps or downloaded alternatives can be used.

5.4 Wireless CarPlay and Android Auto

Connect your iPhone or Android device wirelessly for seamless integration of navigation, music, calls, and messaging. Voice commands via "Hey Siri" or "Hey Google" are supported.

Smartphone Connection



Image Description: This image demonstrates the smartphone connection features. It shows Wireless CarPlay via Bluetooth, Wireless and Wired Android Auto via Bluetooth and USB, and Screen Mirroring via Wi-Fi, illustrating how various smartphone interfaces can be displayed and controlled on the car stereo.

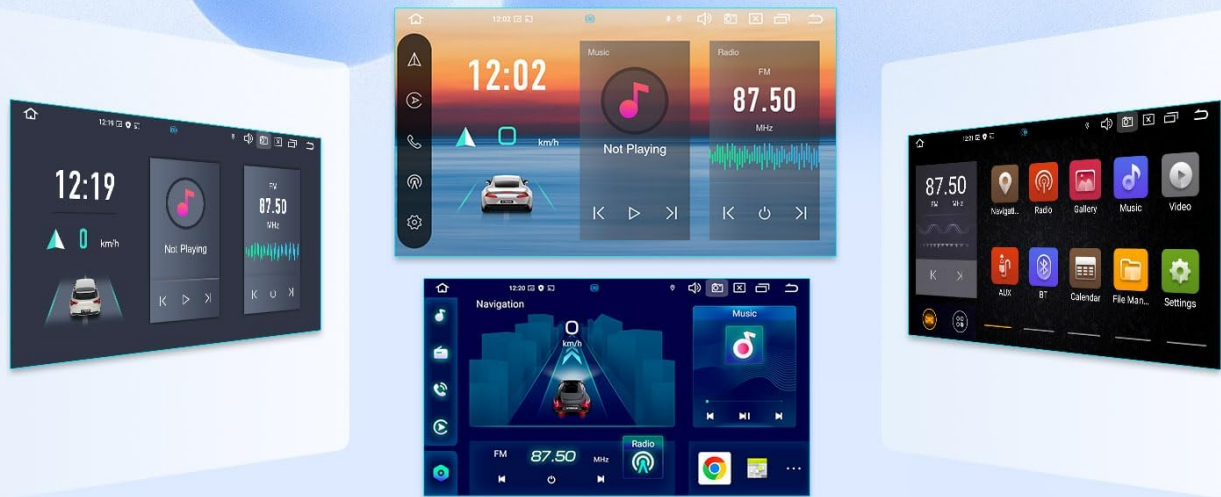
5.5 Built-in DSP

The integrated Digital Sound Processor (DSP) allows for advanced audio customization, enhancing your listening experience. Access DSP settings through the audio menu.

5.6 UI Themes and Button Lights

Personalize your stereo's appearance with four distinct UI themes. The multi-color LED button lights can be customized with various colors and dynamic effects (User, Auto, Random, Gradient modes).

Personalize Your Experience with Four Distinct UI Themes



Dynamic Ambiance with Versatile Multi-Color LED Lights



Image Description: This image showcases the customization options available. It displays four different user interface (UI) themes, each with a unique layout and aesthetic. Below, it illustrates the dynamic ambiance feature, allowing users to personalize the button light colors and choose from various dynamic light effects like Auto, Random, and Gradient.

5.7 Optional Accessories

The unit is compatible with various optional accessories to expand its functionality:

- **OBD Function:** Requires an OBD dongle (e.g., B09D3DVZVR) for vehicle diagnostics.
- **TPMS Function:** Requires a TPMS device (e.g., B07WQFKV5G) for tire pressure monitoring.
- **External DVR:** Compatible with external DVRs (e.g., B07MBYCG4C) for recording driving footage.
- **Reversing AHD Camera:** Supports AHD cameras (e.g., B00GY3BVT6) for enhanced rear visibility.

6. MAINTENANCE

To ensure the longevity and optimal performance of your 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 for and install software updates to ensure the system runs efficiently.

and has the latest features.

- **Temperature:** Avoid exposing the unit to extreme temperatures.

7. TROUBLESHOOTING

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

- **No Power:** Check all power connections and fuses. Ensure the vehicle's ignition is on.
- **No Sound:** Verify speaker connections, volume levels, and audio settings (e.g., DSP settings).
- **Touch Screen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (consult support).
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear view of the sky.
- **Bluetooth Connection Issues:** Delete previous pairings on both the stereo and your phone, then attempt to re-pair.
- **System Slow/Freezing:** Close unnecessary applications. If the issue persists, consider a factory reset or software update.

For more complex issues, please contact XTRONS customer support.

8. SPECIFICATIONS



Image Description: This infographic provides a summary of the car stereo's automotive-grade hardware and features. It highlights Android 14, Octa-core processor, 4GB RAM, 64GB ROM, Built-in AKM DSP, Bluetooth 5.0, Dual Band Wi-Fi, Global 4G LTE, Wireless CarPlay/Android Auto, Multi-color Light Effects, Four UI Themes, Screen Mirroring, AHD Camera support, and 2K Video playback.

Feature	Specification
Model Name	PX7446BL
Operating System	Android 14
Processor	Octa-core (up to 2.0GHz)
RAM	4GB
ROM	64GB
Screen Size	7 Inches
Screen Resolution	1024x600

Feature	Specification
Connectivity Technology	Bluetooth 5.0, USB, Wi-Fi (2.4GHz/5GHz), 4G LTE
Special Features	Global 4G, Touchscreen, Built-in DSP, Wireless CarPlay, Wireless/Wired Android Auto
Audio Output Mode	Stereo (4x45W Amplifier)
Mounting Type	Dashboard Mount
Item Weight	6.82 pounds

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.









If you require technical assistance or have questions regarding your product, please contact XTRONS customer support. You can find contact information on the [XTRONS Store Page](#) or through your purchase platform.



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Related Documents - PX7446BL

	<p>XTRONS TIE Series User Manual</p> <p>User manual for the XTRONS TIE Series car infotainment systems, covering setup, features, troubleshooting, and connectivity options like Bluetooth, CarPlay, Android Auto, and GPS.</p>
	<p>XTRONS Head Unit Compatibility Guide for BMW E53, E46, E39, E90 Models</p> <p>Find out which XTRONS head units are compatible with your BMW E53, E46, E39, or E90. This guide provides essential information on model compatibility, harness connectors, and installation tips.</p>

<div data-bbox="118 91 309 152"></div> <div data-bbox="134 165 293 322"><p>※重要: TQS113/DQS112L Android 11 モデル日本語取扱説明書</p><p>このマニュアルは、XTRONS TQS113/DQS112L Android 11 モデルのインストール、設定、および使用に関する重要な情報を提供します。必ずこのマニュアルを参照してください。また、製品の安全と性能を確保するために、必ずこのマニュアルに従って操作してください。</p></div>	<p>XTRONS TQS113/DQS112L Android 11 User Manual</p> <p>Comprehensive user manual for the XTRONS TQS113 and DQS112L Android 11 car infotainment systems, covering installation, setup, features, and troubleshooting.</p>
<div data-bbox="118 405 309 465"></div> <div data-bbox="134 479 293 658"><p>USER MANUAL</p></div>	<p>XTRONS TL10L-DL10L User Manual</p> <p>User manual for the XTRONS TL10L-DL10L vehicle multimedia audio & video system, covering safety precautions, radio, music playback, Bluetooth connectivity, DSP, PhoneLink, and setup options.</p>
<div data-bbox="118 719 309 779"></div> <div data-bbox="134 792 293 972"><p>※重要: TX120L/TX121L 日本語取扱説明書</p><p>このマニュアルは、XTRONS TX Series 車載エンターテインメントシステムのインストール、設定、および使用に関する重要な情報を提供します。必ずこのマニュアルを参照してください。また、製品の安全と性能を確保するために、必ずこのマニュアルに従って操作してください。</p></div>	<p>XTRONS TX Series Japanese User Manual for DX120L/TX121L</p> <p>This user manual provides detailed instructions for the XTRONS TX Series car infotainment system, including setup, operation, and troubleshooting for models DX120L and TX121L. It covers features such as radio, USB/SD playback, Bluetooth connectivity, Carplay/Android Auto, mirroring, navigation, and various settings.</p>
<div data-bbox="118 1066 309 1126"></div> <div data-bbox="134 1140 293 1319"><p>USER MANUAL</p></div>	<p>XTRONS PE Series Android 11 Car Stereo User Manual</p> <p>Official user manual for the XTRONS PE Series Android 11 Car Stereo. Covers installation, setup, basic operations, and advanced features including Radio, Navigation, Bluetooth, and more for optimal use.</p>