XTRONS TE706PL

XTRONS TE706PL 7-Inch Android Car Stereo User Manual

Model: TE706PL

Installation	Operation	Introduction Maintenance	Product Overview Troubleshooting	Setup & Specifications	Warranty & Support

1. INTRODUCTION

Thank you for choosing the XTRONS TE706PL 7-inch Android Car Stereo. This manual provides detailed instructions for the installation, operation, and maintenance of your new multimedia receiver. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize your user experience. Keep this manual for future reference.

2. PRODUCT OVERVIEW

2.1 Key Features

- Android 8.0 Operating System
- Octa-Core Processor with 4GB RAM and 32GB ROM
- 7-inch HD Digital Multi-Touch Screen (1024x600 resolution)
- Built-in GPS Navigation
- Bluetooth for Hands-Free Calling and Audio Streaming
- Wireless Screen Mirroring (Smartphone Entertainment Sharing)
- Steering Wheel Control Ready
- Supports OBD2 for Vehicle Diagnostics
- Supports Tire Pressure Monitoring System (TPMS)
- DVR Input Ready
- Built-in AM/FM Radio Tuner

- Multiple Input Sources (USB, SD Card)

2.2 Product Components

The XTRONS TE706PL unit includes the main head unit and various accessories for installation and operation.

Figure 2.1: XTRONS TE706PL Main Unit. This image displays the front view of the 7-inch car stereo with its digital multi-touch screen and side controls.
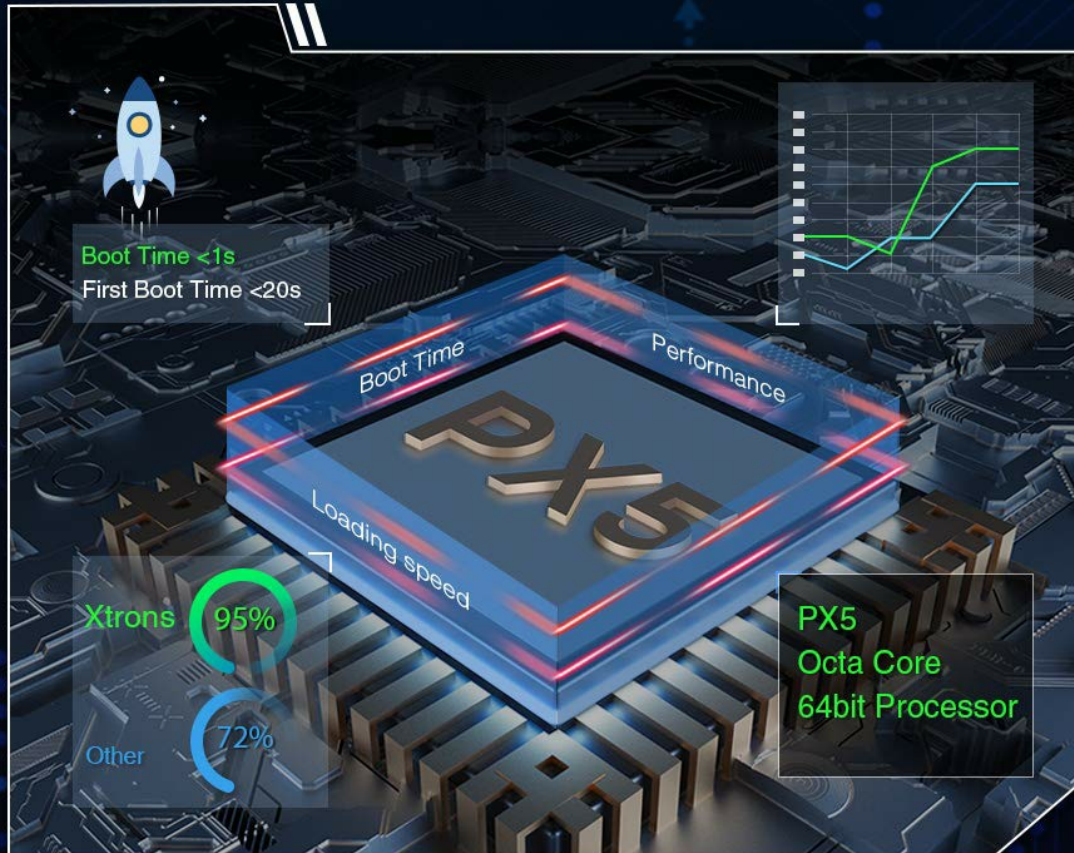
Optimal Performance with Octa-Core Processor

Figure 2.2: Optimal Performance with Octa-Core Processor. This diagram illustrates the PX5 Octa-Core 64bit Processor, highlighting fast boot times and improved performance compared to other systems.

Figure 2.3: 4GB RAM and 32GB ROM. This image shows the memory specifications, indicating ample RAM and internal storage for applications and media.

3. SETUP & INSTALLATION

Professional installation is recommended. Ensure the vehicle's power is disconnected before beginning installation.
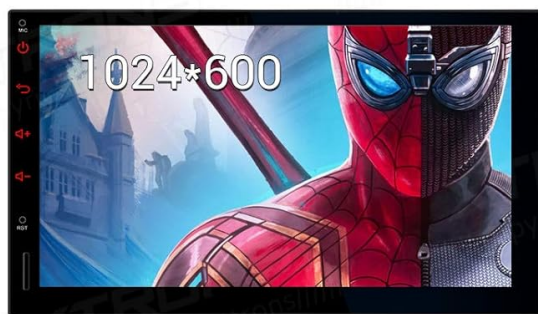
3.1 Pre-installation Checklist

- Verify all included accessories are present.
- Ensure compatibility with your vehicle's dashboard and wiring harness.
- Gather necessary tools (screwdrivers, wire strippers, electrical tape, etc.).

3.2 Wiring Diagram

Refer to the detailed wiring diagram below for correct connections. Incorrect wiring can damage the unit or vehicle electrical system.

7" HD Capacitive Touch Screen

1024*600 high definition

Different Button Illuminaton Colour

Customize the unit button colour

Built-in Wi-Fi Module

Surf the internet by connecting Wi-Fi hotspot

Built-in Radio Tuner

Store up to 54 FM stations and 24 AM station

Figure 3.1: Comprehensive Wiring Diagram. This image illustrates all connection points for the XTRONS TE706PL, including power, speakers, camera inputs, USB, GPS, and other auxiliary connections.

GPS Navigation

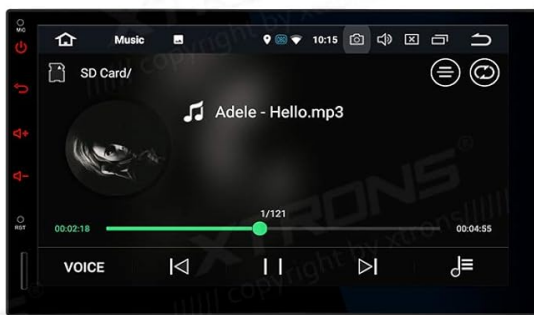Support navigation software that is compatible with Android OS

Bluetooth 5.0

Hands-free Calls | Audio Streaming | Voice Control

Steering Wheel Control

Adjust volume, change channels, skip songs, and more

Screen Mirroring

Available for Android & iOS smartphones

Figure 3.2: ISO Wiring Harness. This diagram provides a detailed pinout for the ISO wiring harness, indicating connections for power, ground, and speaker outputs.

3.3 Physical Installation

1. Remove the existing car stereo or blank panel from the dashboard.
2. Connect the ISO wiring harness and other necessary cables (GPS antenna, USB, camera, etc.) to the TE706PL unit according to the wiring diagram.
3. Secure the unit into the double DIN slot using the provided fitting kits and screws.
4. Carefully reassemble the dashboard components.
5. Reconnect the vehicle's power and test the unit.

1. ISO Wiring Harness
2. AUTO ANT, Automatic antenna control
3. KEY1, Steering Wheel Control Wire Key1
4. ILL, Illumination Cable
5. GND
6. CCD AVIN, Reverse Camera Video In
7. BRAKE CTL, Brake In Cable
8. BACK-CAR, Reverse Control Cable
9. KEY2, Steering Wheel Control Wire Key2
10. FRONT OUT R, Front right sound channel output
11. FRONT OUT L, Front left suond channel output
12. REAR OUT R, Rear right sound channel output
13. REAR OUT L, Rear left sound channel output
14. SUB WOOFER
15. ANT, Automatic antenna control
16. AMP-CON, Amplifier Control
17. Video Output1
18. Video Output2

19. USB Port1
20. USB Port2
21. USB Port3
22. MIC, External Microphone Port
23. FCAM VIDEO, Front DVR Video Input
24. BACK SIGHT VIDEO, Reverse Camera Video Input
25. GND
26. CAMERA B+, Camera ACC
27. Mic 5V, Microphone Power Cable 5V
28. REVERSE, Reversing Control Cable
29. AUX-L, Audio Input Left
30. AUX-R, Audio Input Right
31. DR-V IN, DVR Video Input
32. VIDEO IN, Video Input
33. TV-IR
34. GPS Antenna
35. WiFi Antenna
36. Radio Antenna Port

ISO Wiring Harness

1. Blank
2. Blank
3. Power Source 12V+
4. Blank
5. Blank
6. No Use
7. GND
8. ACC

9. Rear Right Speaker-
10. Rear Right Speaker+
11. Front Right Speaker-
12. Front Right Speaker+
13. Front Left Speaker-
14. Front Left Speaker+
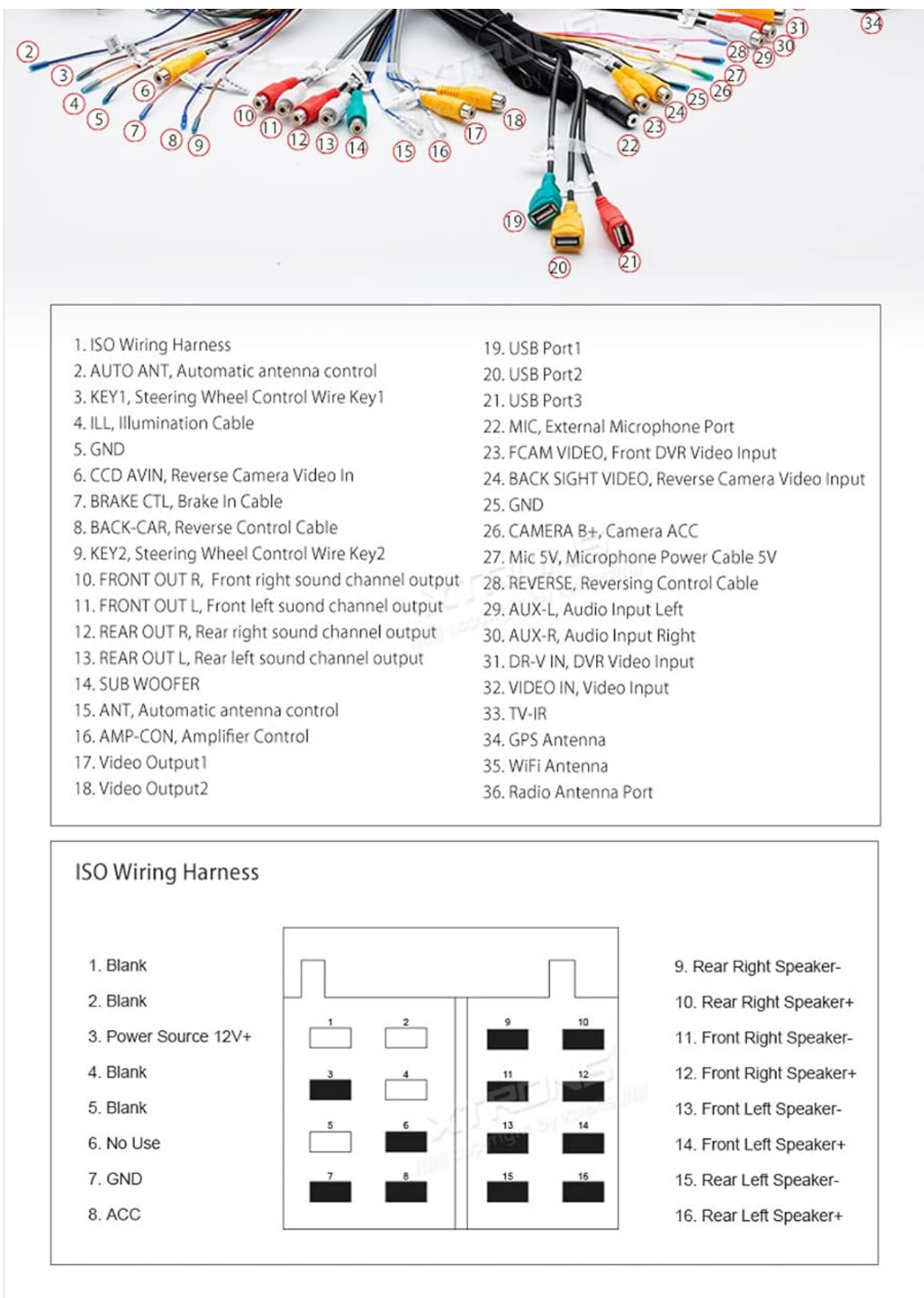15. Rear Left Speaker-
16. Rear Left Speaker+

Figure 3.3: Unit Dimensions and Included Accessories. This image displays the physical dimensions of the head unit and lists all accessories provided, such as the ISO wiring harness, USB cable, GPS antenna, RCA cables, microphone, and user manual.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- **Power On:** Turn the vehicle ignition to ACC or ON position. The unit will power on automatically.
- **Power Off:** Turn the vehicle ignition to OFF position. The unit will power off automatically.

4.2 Touch Screen Interface

The 7-inch multi-touch screen allows for intuitive control. Tap, swipe, and pinch gestures are supported for navigation and interaction with applications.

Size

Accessories

1 x ISO Wiring Harness

1 x Microphone & Camera Cable

1 x GPS Antenna

2 x RCA Cables

1 x USB Cable

1 X External Microphone Cable
8 x Screws

1 x User Manual

Figure 4.1: User Interface Features. This composite image shows various UI elements including a 7-inch HD capacitive touch screen, customizable button illumination, built-in Wi-Fi, radio tuner, GPS navigation, Bluetooth 5.0, steering wheel control, and screen mirroring.

4.3 Android Operating System

The unit runs on Android 8.0, providing access to a wide range of applications via the Google Play Store. Connect to a Wi-Fi hotspot or a 3G/4G module (sold separately) for internet access.

4.4 GPS Navigation

The built-in GPS module supports various online and offline navigation applications. Ensure the GPS antenna is properly installed and has a clear view of the sky for optimal signal reception.

4.5 Bluetooth Functionality

- **Pairing:** Go to Bluetooth settings on the unit, enable Bluetooth, and search for available devices. Select your phone and confirm the pairing code.
- **Hands-Free Calling:** Once paired, you can make and receive calls directly from the unit's interface.
- **Audio Streaming:** Play music from your paired smartphone through the car stereo speakers.

4.6 Radio Tuner

Access the Radio application to listen to AM and FM stations. The unit supports storing preset stations for quick access.

- **Scan:** Automatically scan and save available stations.
- **Manual Tune:** Manually adjust the frequency to find specific stations.

4.7 Media Playback (USB/SD)

Insert a USB drive or SD card into the designated slots to play audio and video files. The unit supports various media formats.

Multiple Input Sources

Expand your media choices by plugging your USB stick or SD card into this unit to play music, video or view photos. You can also use the screen mirroring function to read messages or watch videos directly on the screen of the head unit, instead of your phone.

SD 128GB   USB 128GB

* Notes:
1. Please note that not all smartphones are compatible with this screen mirroring function.
2. The USB and SD maximum capacity is 128G, but files in the USB and SD card should be within 8GB.

Figure 4.2: Multiple Input Sources. This image demonstrates the availability of USB and SD card inputs for media playback, along with screen mirroring functionality.

4.8 Screen Mirroring

Mirror your smartphone's screen onto the car stereo display. This feature allows you to view content from your phone directly on the larger screen.

- Ensure your smartphone is compatible with screen mirroring.
- Follow the on-screen instructions in the Screen Mirroring app on the unit to connect your device.

4.9 Steering Wheel Control

If your vehicle supports it, the unit can be configured to work with your existing steering wheel controls for functions like volume adjustment, track skipping, and mode switching.

- Access the Steering Wheel Control settings in the unit's menu.
- Follow the instructions to map your vehicle's steering wheel buttons to the desired functions.

4.10 OBD2 & TPMS Support

The unit supports external OBD2 diagnostic tools and TPMS (Tire Pressure Monitoring System) devices (sold separately) to display real-time vehicle data and tire pressure information on the screen.

- Connect the OBD2 dongle or TPMS receiver to the unit via Bluetooth or USB.
- Open the respective application on the unit to view data.

4.11 DVR Input

Connect a compatible DVR (Digital Video Recorder) camera (sold separately) to the unit to record driving footage. Access the DVR application to view live feed and recorded videos.

5. MAINTENANCE

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen cleaner designed for electronics. Do not use abrasive cleaners or solvents.
- **Software Updates:** Periodically check the XTRONS official website for available software updates to ensure optimal performance and access to new features.
- **General Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

6. TROUBLESHOOTING

If you encounter issues, refer to the table below for common problems and solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; Vehicle ignition off.	Check power connections; Inspect vehicle fuse box; Ensure ignition is in ACC or ON position.
No sound.	Volume too low; Mute activated; Speaker wiring incorrect.	Increase volume; Check mute setting; Verify speaker connections.
GPS signal weak or unavailable.	GPS antenna improperly installed or obstructed.	Ensure GPS antenna has a clear view of the sky; Check antenna connection.
Bluetooth connection issues.	Device not in pairing mode; Incorrect pairing code; Interference.	Ensure device is discoverable; Re-enter pairing code; Move closer to the unit.
Touch screen unresponsive.	Software glitch; Screen dirty.	Restart the unit (turn vehicle ignition off and on); Clean the screen.

7. SPECIFICATIONS

Feature	Detail
Operating System	Android 8.0
Processor	Octa-Core
RAM	4GB DDR3
Internal Storage (ROM)	32GB
Screen Size	7 Inches
Screen Resolution	1024 x 600
Tuner Technology	AM, FM (18 FM, 12 AM presets)
Bluetooth Version	5.0 (for calls and music)
Audio Output Mode	Stereo
Audio Wattage	4 x 48W (Output Power)
Connectivity	USB, RCA, Bluetooth, Wi-Fi
Compatible Devices	Smartphone
Head Unit Dimensions	152mm (W) x 179mm (D) x 100mm (H)
Face Panel Dimensions	19mm (W) x 177mm (D) x 102mm (H)
Item Weight	2 kg

7.1 Included Accessories

- 1 x ISO Wiring Harness
- 2 x Fitting Kits
- 8 x Screws
- 1 x USB Cable
- 1 x GPS Antenna
- 2 x RCA Cables
- 1 x Microphone & Camera Cable
- 1 x User Manual

8. WARRANTY & SUPPORT

8.1 Product Warranty

The XTRONS TE706PL comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.
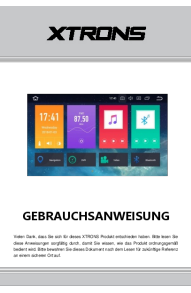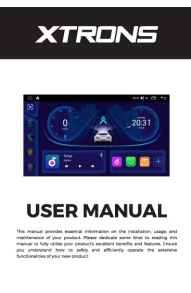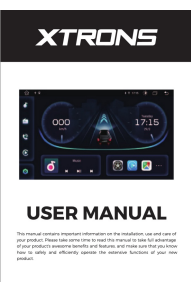
8.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact XTRONS customer support through their official website or the retailer where the product was purchased. Please have your model number

(TE706PL) and proof of purchase ready when contacting support.

Related Documents - TE706PL

 Car Double Din DVD Navigation Entertainment System **USER MANUAL**	[XTRONS Car Double Din DVD Navigation Entertainment System User Manual](#) Comprehensive user manual for the XTRONS Car Double Din DVD Navigation Entertainment System, covering features, operation, settings, troubleshooting, and system parameters.
	[Xtrons In-Dash Stereo Installation Guide - Toyota Land Cruiser 200 (V8) 2008+](#) Detailed installation guide for Xtrons in-dash car stereos. Covers stereo removal, wiring, connections, and troubleshooting for models like the Double DIN ABS for Toyota Land Cruiser 200 (V8) 2008+, including premium sound system considerations.
 GEBRAUCHSANWEISUNG	[XTRONS Autoradio Bedienungsanleitung: Installation und Nutzung](#) Umfassende Bedienungsanleitung für XTRONS Autoradiosysteme mit Android-Betriebssystem. Erfahren Sie mehr über Installation, Funktionen wie Navigation, Bluetooth, Medienwiedergabe und Fehlerbehebung.
 USER MANUAL	[XTRONS User Manual: Installation, Usage, and Features](#) Comprehensive user manual for XTRONS car stereos, covering installation, basic operations, advanced functions like radio, navigation, and Bluetooth, as well as settings and troubleshooting.
 USER MANUAL	[Xtrons PE Series Android Car Stereo User Manual](#) Comprehensive user manual for the Xtrons PE Series Android Car Stereo, covering installation, basic operations, functions like radio, navigation, Bluetooth, multimedia, and troubleshooting.

[XTRONS Android Car Stereo User Manual](#)
Comprehensive user manual for XTRONS Android car stereos, covering installation precautions, features like Bluetooth, navigation, media playback, settings, and troubleshooting.