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› XTRONS Octa Core Android 11 7-inch Car Stereo Navigation System (Model PSA70MTV) User Manual

XTRONS PSA70MTV

XTRONS Octa Core Android 11 7-inch Car Stereo Navigation System

Model: PSA70MTV - User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your XTRONS Octa Core Android 11 7-inch Car Stereo Navigation System, Model PSA70MTV. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage.



Figure 1: XTRONS PE Series Octa-core Car Stereo Overview

The XTRONS PSA70MTV features a powerful Octa-core processor, Android 11 operating system, a 7-inch G+G dual-layer screen, and supports wireless CarAutoPlay and wired Android Auto. It also includes a Digital Sound Processor (DSP), RDS radio, Bluetooth 5.0, and dual-band Wi-Fi for a comprehensive in-car entertainment and navigation experience.

2. SETUP AND INSTALLATION

2.1 Package Contents

Before installation, verify that all components are present:

- 1 x XTRONS PSA70MTV Head Unit
- 2 x ISO Wiring Harness
- 1 x RCA Cables
- 1 x GPS Antenna
- 1 x Camera Cable
- 2 x USB Cable
- 1 x CANbus Cable
- 1 x Radio Antenna Cable
- 1 x Rectifier Filter
- 1 x CANbus Box
- 1 x Original USB Cable
- 1 x User Manual

Size



Accessories



2 x ISO Wiring Harness



1 x RCA Cables



1 x GPS Antenna



1 x Camera Cable



2 x USB Cable



1 x CANbus Cable



1 x Radio Antenna Cable



1 x Rectifier Filter



1 x CANbus Box



1 x Original USB Cable



1 x User Manual

Figure 2: Included Accessories

2.2 Compatibility Check

This unit is designed for specific VW, Seat, and Skoda models. Before installation, compare your vehicle's center console and wiring harness with the diagrams provided. An extra fascia panel or specific ISO cable may be required for certain models.



Figure 3: Vehicle Compatibility and Required Cables

Important Note:

- This unit does **NOT** support vehicles with Dynaudio or Fender sound systems.
- If your vehicle's power port differs, an ISO cable (AK/VW/ISOMOB) may be needed.
- For original reversing camera function, ensure correct wiring with the provided cables.

2.3 Wiring and Installation

Refer to the included wiring diagram for detailed connection instructions. Professional installation is recommended. Ensure all cables are securely connected to prevent malfunctions.

1. Disconnect the vehicle's battery before starting installation.
2. Remove the original car stereo from the dashboard.
3. Connect the ISO wiring harness, RCA cables, GPS antenna, and other necessary cables to the XTRONS unit.
4. If applicable, connect the CANbus box and ensure proper integration for steering wheel controls and vehicle data.
5. Mount the XTRONS unit into the dashboard.
6. Reconnect the vehicle's battery and test the unit.

3. OPERATING INSTRUCTIONS

3.1 Basic Operation

- **Power On/Off:** Press and hold the power button.
- **Volume Control:** Use the volume knob or steering wheel controls.
- **Touchscreen:** The 7-inch G+G dual-layer touchscreen supports 1080p video playback and has a resolution of 1024x600.

3.2 Android 11 System

The unit runs on Android 11, providing access to a wide range of applications. Navigate through the interface using the touchscreen, similar to a smartphone.

3.3 CarAutoPlay and Android Auto

Connect your smartphone for seamless integration:

- **Wireless CarAutoPlay:** Connect via Bluetooth for compatible iOS applications.
- **Wired Android Auto:** Connect via USB cable for compatible Android applications.

Once connected, you can use voice commands (Siri or Google Assistant) to perform tasks.



Figure 4: CarAutoPlay and Android Auto Connectivity

3.4 GPS Navigation

The integrated GPS module allows for precise navigation. Install your preferred navigation application from the Android app store.

3.5 Bluetooth 5.0

Pair your mobile device via Bluetooth for hands-free calling, audio streaming (A2DP), and phone book synchronization.

3.6 Wi-Fi Connectivity

Connect to a Wi-Fi hotspot (e.g., from your smartphone) to access online features, download apps, and browse the internet.

3.7 Radio (RDS)

The built-in radio tuner supports RDS (Radio Data System) for enhanced radio information. Store up to 18 FM stations and 12 AM stations.

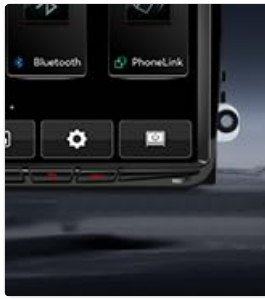


Figure 5: Radio Interface with RDS

3.8 Digital Sound Processor (DSP)

Utilize the integrated DSP for cinematic audio quality. Adjust sound settings, including a 30-band graphic equalizer, smart bass, loudness, and balance/delay settings to optimize your audio experience.



Figure 6: DSP Audio Customization Options

3.9 AHD Camera Support

The unit supports AHD cameras for improved reversing vision. Connect a compatible AHD camera for instant reversing mode and wider visibility.

3.10 Steering Wheel Controls

With optimized CANbus decoding, the unit integrates with your vehicle's steering wheel controls for convenient operation of audio and other functions.



Figure 7: Steering Wheel Control Integration

4. 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 unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates from XTRONS to ensure you have the latest features and performance enhancements.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Connections:** Ensure all cables remain securely connected. Loose connections can lead to intermittent issues.

5. 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	Loose power connection, blown fuse, vehicle battery issue.	Check power cables and fuse. Ensure vehicle battery is charged.
Slow startup or app switching	Too many background apps, system cache overload.	Close unused applications. Clear system cache in settings. Restart the unit.
Bluetooth connection issues	Incorrect pairing, interference, software glitch.	Ensure Bluetooth is enabled on both devices. Unpair and re-pair. Restart both devices.
No audio output	Volume too low, incorrect audio source, loose speaker wires.	Check volume levels. Select correct audio source. Verify speaker wire connections.
GPS signal loss or inaccuracy	GPS antenna obstruction, software issue, CarPlay/Android Auto conflict.	Ensure GPS antenna has a clear view of the sky. Restart navigation app. If using CarPlay/Android Auto, try disconnecting and reconnecting.

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

6. SPECIFICATIONS

Detailed technical specifications for the XTRONS PSA70MTV:

- **Brand:** XTRONS
- **Model Number:** PSA70MTV
- **Operating System:** Android 11.0
- **Processor:** Octa-core (up to 2.5 GHz)
- **RAM:** 2GB DDR4
- **ROM:** 32GB SSD
- **Screen Size:** 7 Inches
- **Screen Type:** G+G Dual-layer Touchscreen
- **Resolution:** 1024 x 600
- **Video Playback:** Supports 1080p
- **Connectivity:** Bluetooth 5.0, Dual-band Wi-Fi
- **Special Features:** RDS, DSP, CarAutoPlay (Wireless), Android Auto (Wired), AHD Camera Support, Optimized CANbus Decoding

- **Compatible Devices:** Smartphone
- **Color:** Black

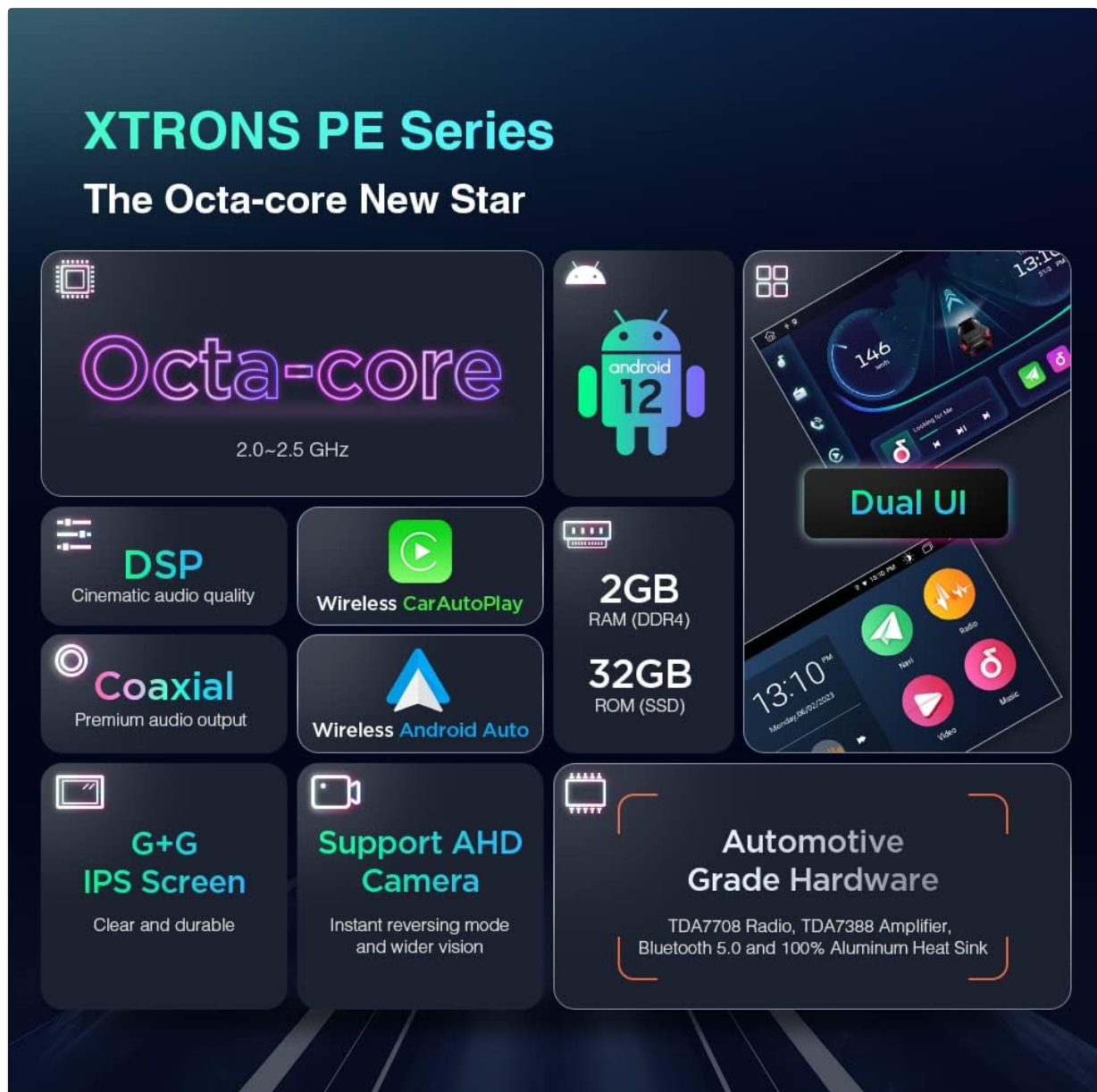


Figure 8: XTRONS PSA70MTV Head Unit

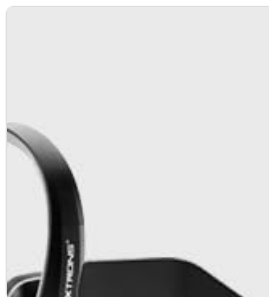


Figure 9: XTRONS PSA70MTV Dimensions

7. WARRANTY AND SUPPORT

XTRONS provides a **1-year warranty** for this unit. For technical assistance or warranty claims, please contact XTRONS customer support through Amazon email. We are committed to responding promptly and

ensuring your rights and interests are protected.

For further information or to download the latest software updates, please visit the official XTRONS website.

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