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› [XTRONS](#) /

› XTRONS PF81PSTS-LB 8-Inch Car Stereo Radio DVD Player with GPS for Toyota Prius 2009-2013 User Manual

XTRONS PF81PSTS-LB

XTRONS PF81PSTS-LB 8-Inch Car Stereo Radio DVD Player User Manual

For Toyota Prius (Left Hand Drive) 2009-2013

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your XTRONS PF81PSTS-LB 8-inch HD Digital Touch Screen Car Stereo Radio in-Dash DVD Player. This unit is specifically designed for Toyota Prius (Left Hand Drive) models manufactured between 2009 and 2013, offering an integrated entertainment and navigation solution.

The XTRONS PF81PSTS-LB features a high-transmittance, anti-dazzle touch screen, a powerful 800MHz Cortex A7 processor with WinCE6.0 system, GPS navigation, Bluetooth 4.0, screen mirroring (for Android smartphones), and steering wheel control compatibility. Please read this manual thoroughly to ensure proper usage and to maximize your enjoyment of the product.

XTRONS®

WinCE 6.0



MAP



Figure 1.1: Front view of the XTRONS PF81PSTS-LB car stereo unit. This image displays the 8-inch digital touch screen, physical control buttons for power, volume, menu, navigation, band, mute, DVD, and radio, along with USB and SD card slots.

2. PRODUCT FEATURES

The XTRONS PF81PSTS-LB is equipped with a range of features designed to enhance your in-car experience:

- **8-Inch HD Digital Touch Screen:** High transmittance and anti-dazzle display for clear and vivid images.
- **Powerful Processor:** 800MHz Cortex A7 processor with WinCE6.0 system for quick and smooth operation.
- **GPS Navigation:** Integrated GPS with included map card for accurate and efficient route guidance. Features dual-zone function, allowing navigation while other media plays.
- **Bluetooth 4.0:** Supports hands-free calling, phonebook access, call logs, and Bluetooth music streaming.
- **Screen Mirroring:** Mirror content from compatible Android smartphones directly onto the head unit's display.
- **Region-Free DVD Player:** Compatible with most DVD and CD discs available on the market.

- **Built-in Radio Tuner:** RDS enabled with preset stations.
- **USB & SD Port:** For media playback from external storage devices (SD card capacity up to 32GB).
- **AUX IN & AV OUT:** Provides connectivity for external audio/video sources and output to additional screens.
- **Steering Wheel Control:** Compatible with analog signal steering wheel controls for safe operation.
- **Multi-language Support:** Supports various languages including English, German, French, Spanish, Italian, and more.

ICE/HU/PF81PSTS-LB

Custom Fit for
Toyota Prius
Left Hand Drive

8" HD Digital Touch Screen

GPS Navigation Car DVD Player with Screen Mirroring Function



Note: This head unit can only fit left hand drive car.

**Original User Interface
& Appearance**



Screen Mirroring Function



**High Transmittance &
Anti-dazzle Touch Screen**





Figure 2.1: Overview of key features including custom fit for Toyota Prius, 8-inch HD digital touch screen, original UI, screen mirroring, and anti-dazzle display.

Quicker & Smoother

Now with our powerful 800MHZ Cortex A7 Processor and latest WinCE6.0 system, you can enjoy the fastest running speed than ever.

Processor: Cortex A7, CPU: 800M

Navigation & Entertainment



Faster GPS Navigation

Get to your destination quickly and easily.



Built-in Dual Zone

Play DVD / Radio / Music while navigating. Passengers in the back can also enjoy the entertainment.



Figure 2.2: Illustration of the screen mirroring function, showing an Android smartphone's display mirrored onto the head unit. This feature allows sharing smartphone content for entertainment.

Screen Mirroring Function for Smartphone Entertainment Sharing

(Supports Android Smartphone ONLY)

With the screen mirroring function, any content from your smart phone can be mirrored onto this head unit. Two-way control of all the Applications from your smart phone, no delay video playback, enjoy exciting games and more on the large display.

Note: This function is only applicable with Android smartphones, and the phone should be at least Android 4.0 version and quad core processor. A USB cable can help build the connection, so there is no need to connect via WiFi. Audio files require a Bluetooth connection.



Note: Please note that not all smartphones are compatible with this screen mirroring function.

Steering Wheel Control Ready

Take control of your music safely while still concentrating on the road ahead.
This unit is compatible with analog signal steering wheel controls.





Figure 2.3: Depiction of the steering wheel control compatibility, enabling safe music control while driving.

Bluetooth 5.0

Access phonebook, call logs, search contacts information with name or numbers, make hands free calls, display unanswered calls, custom pairing code and listen to Bluetooth music.

Bluetooth Phone



Bluetooth Music



Figure 2.4: Screenshot of the GPS navigation interface, demonstrating route guidance and dual-zone entertainment capabilities.

Region Free DVD Player

The DVD player is compatible with most DVD and CD discs that are available on the market.



Compatible Formats:
CD-Audio, CD-Video, CD-ROM,
DVD-Audio, DVD-Video,
DVD-ROM, CD-R, CD-RW,
DVD-R, DVD+R, DVD+RW,
DVD-RAM, Double Layer DVD+R.

External Accessories to Perfect Your User Experience

External accessories to make the head unit better suited to your needs.

OPTIONAL



OPTIONAL



Reversing Camera (Optional)
ensures the safe reversing.
Supports NTSC / PAL signal input

XTRONS Reversing Camera Series
are compatible.

External Microphone (Optional) for
more clarity and subdued background
noise.

XTRONS MIC001 & MIC002 are
compatible.

Figure 2.5: Visual representation of Bluetooth phone and music functions, showing phonebook access and audio streaming.

Other Features that Enrich your In-Car Entertainment

Built-in Radio Tuner (RDS Enabled)

(18 FM and 12 AM stations Preset.)



Built-in USB & SD Port

32GB (the max files in the USB & SD
card should be within 4 GB)



800*480HD Resolution

Resolution: 800*480



AUX IN & AV OUT

Supports System: NTSC, PAL



4 *45W

Pop, Rock, Jazz, Classic, Customize,
Cinema, Soft, Heavy Metal,
Standard



Supports Multiple Languages

Simplified Chinese, English, Traditional
Chinese, Russian, French, Spanish,
German, Portuguese, Thai, Arabic,
Polish, Japanese, Hungarian, Turkish,
Czech and Italian.





- | | |
|-------------------------------------|---------------------------------------|
| 1. External Microphone Port | 11. Subwoofer Output |
| 2. USB Port | 12. AUX-V, Video Input |
| 3. Screen Mirroring Connection Port | 13. V-OUT1, Video Output1 |
| 4. ISO Wiring Harness 1 | 14. FL, Front Left Audio Output |
| 5. ISO Wiring Harness 1 | 15. AUX-L, Audio Input Left |
| 6. Steering Wheel Control Port | 16. V-OUT2, Video Output2 |
| 7. Amplifier Control Cable | 17. FR, Front Right Audio Output |
| 8. Brake In Cable | 18. AUX-R, Audio Input Right |
| 9. Reversing Control Cable | 19. CAM, Reversing Camera Video Input |
| 10. GPS Antenna | |

Figure 2.6: Image highlighting the region-free DVD player, compatible with various DVD and CD formats.

3. SETUP AND INSTALLATION

3.1 Compatibility

This head unit is designed for:

- **Vehicle Model:** Toyota Prius (Left Hand Drive)
- **Model Years:** 2009-2013

Important Note:

- This head unit is only compatible with Left Hand Drive vehicles.
- If your car has a JBL amplifier, you may need to order an additional JBL decoder (XTRONS AK/PF81PSTS-RB/ISOC-BL01) for proper functionality.

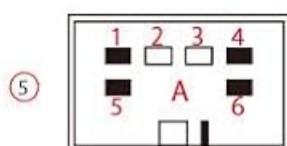
3.2 Dimensions

Before installation, verify the dimensions of your vehicle's center console to ensure a proper fit. The face panel dimensions are approximately 270mm (width) x 125mm (height) x 230mm (depth). The main unit dimensions are approximately 178mm (width) x 100mm (height) x 149mm (depth).

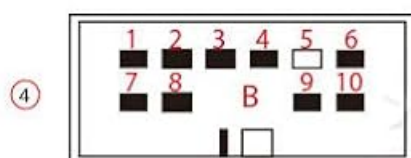
3.3 Wiring Connections

Refer to the wiring diagram below for correct connections. It is recommended that installation be performed by a qualified professional.

ISO Wiring Harness

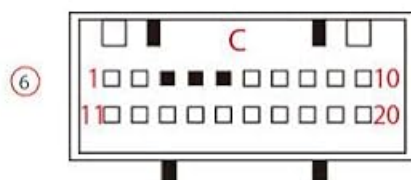


- A1: Rear Right Speaker-
A4: Rear Left Speaker-
A5: Rear Right Speaker+
A6: Rear Left Speaker+



B1: Front Right Speaker-
 B2: Front Left Speaker-
 B3: GND
 B4: Radio Antenna Control Cable
 B6: ILL, Big Light Control Cable

B7: Front Right Speaker+
 B8: Front Left Speaker+
 B9: ACC
 B10: B+



C3: Steering Wheel Control KEY1
 C4: Steering Wheel Control KEY2
 C5: GND

Size



Accessories



1 x ISO Wiring Harness



1 x GPS Antenna



1 x User Manual

Figure 3.1: Detailed view of the rear connections, ISO wiring harnesses, and unit dimensions. This image provides a comprehensive guide for physical installation and electrical connections.

Rear Connection Ports:

1. External Microphone Port
2. USB Port
3. Screen Mirroring Connection Port
4. ISO Wiring Harness 1
5. Steering Wheel Control Port
6. Amplifier Control Cable
7. Brake In Cable
8. Reversing Control Cable
9. GPS Antenna
10. Subwoofer Output
11. AUX V-Video Input
12. FL OUT1: Video Output 1
13. FL Front Left Audio Output
14. AUX L: Audio Input Left
15. FL OUT2: Video Output 2
16. FR Front Right Audio Output
17. AUX R: Audio Input Right
18. CAM: Reversing Camera Video Input

ISO Wiring Harness 1 (4-pin):

- A1: Rear Right Speaker-
- A4: Rear Left Speaker-
- A5: Rear Right Speaker+
- A6: Rear Left Speaker+

ISO Wiring Harness 2 (10-pin):

- B1: Front Right Speaker-
- B2: Front Left Speaker-
- B3: GND
- B4: Radio Antenna Control Cable
- B6: ILL (Illumination) Light Control Cable
- B7: Front Right Speaker+
- B8: Front Left Speaker+
- B9: ACC (Accessory Power)
- B10: B+ (Battery Power)

Steering Wheel Control Harness (5-pin):

- C3: Steering Wheel Control KEY1
- C4: Steering Wheel Control KEY2
- C5: GND

3.4 Included Accessories

- 1 x ISO Wiring Harness
- 1 x GPS Antenna
- 1 x User Manual (this document)

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

Upon powering on the unit, the main menu will display options such as Radio, NAVI (Navigation), DVD, and Applications. Use the touch screen to select desired functions or the physical buttons on the left and right panels.

4.2 GPS Navigation

1. Tap the 'NAVI' icon on the main menu.
2. The pre-installed navigation software will launch.
3. Follow the on-screen prompts to enter your destination, search for points of interest, or adjust navigation settings.
4. The dual-zone function allows you to listen to music or watch a DVD while the navigation system provides voice guidance.

4.3 Bluetooth Connectivity

1. Tap the 'Bluetooth' icon on the main menu or access it via 'Applications'.
2. Ensure Bluetooth is enabled on your mobile phone and set to 'discoverable'.
3. On the head unit, search for available devices. Select your phone from the list.
4. Confirm the pairing code on both devices.
5. Once paired, you can access your phonebook, make/receive calls hands-free, and stream audio.

4.4 DVD/CD Playback

1. Insert a DVD or CD into the disc slot.
2. The unit should automatically switch to DVD mode, or you can select 'DVD' from the main menu.
3. Use the on-screen controls or physical buttons to play, pause, skip tracks, or adjust volume.

4.5 Radio Operation

1. Tap the 'Radio' icon on the main menu.
2. Use the 'BAND' button to switch between FM and AM frequencies.
3. Use the 'TUN' (Tune) buttons or on-screen controls to scan for stations or manually tune to a specific frequency.
4. Press and hold a preset button to save the current station.

4.6 Screen Mirroring (Android Only)

1. Connect your Android smartphone to the head unit via the dedicated Screen Mirroring Connection Port (USB).
2. Ensure your smartphone has the necessary mirroring application installed (refer to your phone's manual).
3. Select the 'Screen Mirroring' function from the head unit's applications.
4. Follow the on-screen instructions to establish the connection. Note that audio files may require a Bluetooth connection.

4.7 Steering Wheel Control Configuration

If your vehicle supports analog steering wheel controls, connect the appropriate wires as per the wiring diagram (C3, C4, C5). Access the steering wheel control settings in the unit's 'Settings' menu to program the functions of your steering wheel buttons.

5. MAINTENANCE

5.1 Cleaning the Unit

To clean the screen and exterior of the unit, use a soft, dry cloth. For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive cleaning solution. Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the screen and finish.

5.2 Software Updates

Periodically check the XTRONS official website for any available software or firmware updates for your PF81PSTS-LB model. Updates can improve performance, add new features, or resolve known issues. Follow the instructions provided with the update package carefully.

5.3 Disc Care

Handle DVDs and CDs by their edges to avoid fingerprints and scratches. Store discs in their cases when not in use. Clean discs with a soft, lint-free cloth, wiping from the center outwards.

6. TROUBLESHOOTING

If you encounter issues with your XTRONS PF81PSTS-LB, refer to the following common problems and solutions:

- **No Power:**

- Check all power connections (B+, ACC, GND) as per the wiring diagram.
- Verify the vehicle's fuse for the stereo system.

- **No Sound:**

- Ensure speaker wires are correctly connected and not short-circuited.
- Check volume levels and mute settings.
- If using an external amplifier, verify its power and connections.
- Confirm the JBL decoder is installed if your vehicle has a JBL amplifier.

- **GPS Signal Lost or Inaccurate:**

- Ensure the GPS antenna is securely connected and placed in an area with a clear view of the sky (e.g., dashboard).
- Verify that the GPS map card is properly inserted.

- **Bluetooth Connection Issues:**

- Ensure Bluetooth is enabled on both the head unit and your phone.
- Delete previous pairings on both devices and attempt to re-pair.
- Move your phone closer to the head unit.

- **Screen Mirroring Not Working:**

- Confirm your smartphone is an Android device and compatible with the mirroring function.
- Check the USB connection and ensure the necessary mirroring app is running on your phone.

- **DVD Playback Errors:**

- Ensure the disc is clean and free of scratches.
- Verify the disc format is supported by the unit.

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

7. SPECIFICATIONS

Feature	Specification
Brand	XTRONS
Model Number	PF81PSTS-LB
Screen Size	8 Inches
Resolution	800*480 HD
Processor	Cortex A7, 800MHz
Operating System	WinCE6.0
Bluetooth Version	4.0 (Supports Bluetooth Phone & Music)
Media Type Support	DVD, CD, SD, USB
SD Card Capacity	Up to 32GB
Connectivity Technology	Auxiliary, Bluetooth, USB
Device Interface - Primary	Touchscreen
Compatible Devices	Mobile Phone (for Bluetooth/Screen Mirroring)
Item Weight	454 g
Package Dimensions	45.72 x 45.72 x 10.16 cm

8. WARRANTY AND SUPPORT

8.1 Product Warranty

This XTRONS PF81PSTS-LB unit comes with a **1 Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact XTRONS customer support through their official website or the retailer from whom you purchased the product. When contacting support, please have your product model number (PF81PSTS-LB) and proof of purchase ready.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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