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## Power Acoustik PD-724B

# Power Acoustik PD-724B 1-DIN Source Unit User Manual

Model: PD-724B | Brand: Power Acoustik

## INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of your Power Acoustik PD-724B 1-DIN Source Unit. This unit features a motorized 7-inch LCD touchscreen, Bluetooth connectivity, and media playback capabilities for an enhanced in-car entertainment experience. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage.

## IMPORTANT SAFETY INFORMATION

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**WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, please refer to California Proposition 65 warnings.

- Always operate the vehicle safely. Distracted driving can lead to serious injury or death.
- Do not operate the unit's video display while driving. This is illegal and dangerous.
- Ensure proper installation by a qualified professional to prevent electrical hazards or damage to your vehicle.
- Disconnect the vehicle's battery negative terminal before installation to avoid electrical shorts.

## PRODUCT OVERVIEW

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The Power Acoustik PD-724B is a versatile 1-DIN in-dash source unit designed to fit standard single-DIN openings. It features a large motorized 7-inch LCD touchscreen for intuitive control and media viewing.



**Figure 1:** Front view of the Power Acoustik PD-724B 1-DIN Source Unit. The image displays the unit with its 7-inch motorized LCD screen extended, showing a media playback interface with track information and an equalizer display. Below the screen, the physical controls are visible, including a volume knob, various function buttons, and a USB port.

## Key Features:

- Single-DIN in-dash DVD receiver
- 7-inch motorized LCD touchscreen with 800 x 480 resolution
- Bluetooth for hands-free calling and audio streaming
- USB and SD card inputs for digital media playback
- DVD/CD player
- AM/FM tuner
- Auxiliary input

## SETUP AND INSTALLATION

### 1. Pre-Installation Checklist:

- Ensure you have all necessary tools and mounting hardware.
- Verify compatibility with your vehicle's dashboard opening (1-DIN standard).
- Read through the entire manual before beginning installation.

### 2. Wiring Connections:

Proper wiring is crucial for the unit's functionality and safety. It is highly recommended to have this unit installed by a professional car audio technician.

- **Power (Yellow):** Connect to constant 12V power supply.
- **Accessory (Red):** Connect to switched 12V power supply (ignition).
- **Ground (Black):** Connect securely to the vehicle's chassis.
- **Speaker Outputs (Colored pairs):** Connect to vehicle speakers, ensuring correct polarity.
- **Antenna (Blue):** Connect to power antenna or amplifier remote turn-on lead.
- **Parking Brake (Light Green):** Connect to the vehicle's parking brake switch. This connection is required for video playback to function.
- **Reverse Gear (Brown):** Connect to the vehicle's reverse light circuit for automatic rear camera display (if applicable).

### 3. Mounting the Unit:

Slide the unit into the mounting sleeve until it locks into place. Secure the rear of the unit with the supplied screw or strap if available, to prevent vibration.

## OPERATING INSTRUCTIONS

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### 1. Basic Controls:

- **Power Button (VOL/MOD knob):** Press to turn the unit ON/OFF.
- **Volume Control (VOL knob):** Rotate to adjust the volume level.
- **Mode Button (MOD):** Press to cycle through available sources (Radio, DVD, USB, SD, Bluetooth, AUX).
- **Open Button:** Press to extend or retract the motorized LCD screen.
- **Eject Button (REL):** Press to eject a disc from the DVD/CD slot.

### 2. Motorized LCD Touchscreen:

The 7-inch LCD screen is touch-sensitive. Navigate menus, select options, and control playback by touching the corresponding icons or areas on the screen. Use the "Open" button to adjust the screen's angle or retract it when not in use.

### 3. Bluetooth Operation:

- **Pairing:**
  1. Ensure Bluetooth is enabled on your mobile device.
  2. Select "Bluetooth" as the source on the PD-724B.
  3. Search for available devices on your phone. The unit's name will typically appear as "Power Acoustik" or "PD-724B".
  4. Select the unit and enter the default PIN (usually "0000" or "1234") if prompted.
  5. Once paired, the unit will automatically connect to your device when in range.
- **Hands-Free Calling:** Use the touchscreen to answer, reject, or end calls. The built-in microphone allows for hands-free communication.
- **Audio Streaming (A2DP):** Play music from your paired device wirelessly. Use the unit's controls or your phone to manage playback (play/pause, skip tracks).

### 4. Media Playback (USB/SD/DVD/CD):

- **USB/SD:** Insert a USB drive into the USB port or an SD card into the SD card slot. The unit will automatically

switch to the corresponding source and begin playback of compatible audio/video files (e.g., MP3, MP4).

- **DVD/CD:** Insert a disc into the disc slot. The unit will automatically detect the disc type and begin playback. Ensure the parking brake is engaged for video playback.
- **File Navigation:** Use the touchscreen controls to browse folders, select tracks, and control playback functions like play, pause, skip, and repeat.

## 5. Radio Operation:

- **Band Selection (BND):** Press to switch between FM1, FM2, FM3, and AM bands.
- **Tuning:** Use the touchscreen or physical buttons to manually tune or seek for stations.
- **Presets:** Save your favorite stations to preset memory for quick access.

## 6. Audio Settings:

Access the audio settings menu via the touchscreen to adjust sound characteristics. The unit features a 2-band equalizer (Bass and Treble) for basic sound customization.

## MAINTENANCE

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- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the LCD screen. Do not use abrasive cleaners or solvents.
- **Cleaning the Unit:** Wipe the exterior of the unit with a soft, dry cloth.
- **Disc Care:** Handle discs by their edges. Keep them clean and free of scratches.
- **General Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
No power	Blown fuse; incorrect wiring; loose connection.	Check vehicle fuses and unit's fuse. Verify power and ground connections. Ensure all wires are securely connected.
No sound	Volume too low; mute activated; incorrect speaker wiring; amplifier issues.	Increase volume. Check if mute is active. Verify speaker connections and polarity. If using an external amplifier, check its power and connections.
Bluetooth not connecting	Device not in pairing mode; unit not in Bluetooth mode; interference.	Ensure both devices are in pairing mode. Select Bluetooth source on the unit. Try restarting both devices.
Video not playing	Parking brake not engaged; incorrect video format; damaged disc.	Ensure the parking brake wire is correctly connected and the parking brake is engaged. Check disc for damage. Verify file format for USB/SD media.
Motorized screen not responding	Obstruction; power issue.	Check for any physical obstructions. Ensure the unit has stable power.

## SPECIFICATIONS

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<b>Model Number</b>	PD-724B
<b>Display Type</b>	Motorized 7-inch LCD Touchscreen
<b>Display Resolution</b>	800 x 480 pixels
<b>Aspect Ratio</b>	16:9
<b>Backlight</b>	400 nits LED
<b>Form Factor</b>	Single-DIN
<b>Media Playback</b>	DVD, CD, USB, SD Card
<b>Connectivity</b>	Bluetooth, Auxiliary Input
<b>Item Weight</b>	5.95 pounds (approx. 2.7 kg)
<b>Product Dimensions</b>	12 x 9.5 x 4.25 inches (approx. 30.5 x 24.1 x 10.8 cm)
<b>Warranty</b>	1 year (manufacturer's warranty)

## WARRANTY AND SUPPORT

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The Power Acoustik PD-724B comes with a 1-year manufacturer's warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or service inquiries, please contact Power Acoustik customer service. Keep your proof of purchase (receipt) for warranty validation.

**Note:** Unauthorized repairs or modifications may void your warranty.