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Power Acoustik PD-623B

Power Acoustik PD-623B 2-DIN Source Unit User Manual

Model: PD-623B

1. INTRODUCTION

The Power Acoustik PD-623B is a 6.2-inch double-DIN in-dash DVD receiver equipped with Bluetooth functionality. This source unit supports DVD and USB video playback, features a 6.2-inch LCD display, and includes Bluetooth 4.0 for hands-free calling and wireless MP3 audio streaming. It also provides a 3.5 mm auxiliary input and supports ID3 MP3 tag reading for track and artist information.

Key Features:

- 800 x 480 resolution display
- Built-in front panel Bluetooth microphone
- Bluetooth 4.0 for hands-free calling and A2DP wireless MP3 audio playback
- Playback from DVD/CD of MP3/MP4 and other video formats
- Playback from 64GB USB of MP3/MP4 and other video formats

2. WHAT'S IN THE BOX

Verify that all items are present before proceeding with installation.

- Power Acoustik PD-623B Source Unit
- Remote Control
- Wiring Harness
- Mounting Hardware
- User Manual



Image 2.1: The Power Acoustik PD-623B 2-DIN Source Unit shown with its included remote control.

3. SETUP AND INSTALLATION

3.1. Wiring Diagram

Refer to the detailed wiring diagram provided in the separate installation guide for proper connection of power, ground, speakers, and other accessories. Incorrect wiring can damage the unit or vehicle electrical system.

3.2. Initial Power-Up

1. After completing all wiring connections, ensure the vehicle's ignition is off.
2. Connect the unit's main power harness.
3. Turn the vehicle's ignition to the ACC or ON position.
4. Press the power button on the unit or remote control to turn on the device.
5. The unit's display should illuminate, and the initial setup screen may appear.

4. OPERATING INSTRUCTIONS

4.1. General Controls

The unit features a touchscreen interface and physical buttons for common functions. The remote control provides additional access to features.





Image 4.1: Front panel of the PD-623B showing the display and control buttons.

- **Power/Mute Button:** Press to turn the unit on/off. Briefly press to mute/unmute audio.
- **Volume Knob:** Rotate to adjust audio volume.
- **HOME Button:** Returns to the main menu screen.
- **SRC (Source) Button:** Cycles through available audio/video sources (Radio, Disc, USB, SD, AUX, Bluetooth).
- **EJECT Button:** Ejects a disc from the DVD slot.

4.2. Remote Control Functions

The included remote control allows for convenient operation of the unit from a distance.



Image 4.2: The remote control for the PD-623B unit, showing all buttons.

- **POWER:** Turns the unit on or off.
- **EJECT:** Ejects a disc.
- **SRC:** Selects the input source.
- **HOME:** Accesses the main menu.
- **VOL+/-:** Adjusts volume.
- **MUTE:** Mutes or unmutes audio.
- **BAND:** Changes radio bands (FM1, FM2, FM3, AM1, AM2).
- **MENU:** Accesses disc menu during DVD playback.
- **SETUP:** Enters system setup menu.
- **Numeric Keypad (0-9):** Direct track selection or radio station input.

4.3. Radio Operation

1. Select 'Radio' from the main menu or press the SRC button until Radio is selected.
2. Press the BAND button to cycle through FM1, FM2, FM3, AM1, and AM2.
3. Use the seek buttons (◀◀ / ▶▶) to automatically search for the next strong station.
4. Touch and hold a preset button on the screen to save the current station.

4.4. DVD/CD Playback

1. Insert a DVD or CD into the disc slot. The unit will automatically switch to Disc mode.
2. Use the on-screen controls or remote control for playback functions (Play, Pause, Stop, Skip, Fast Forward/Rewind).
3. For DVDs, use the MENU button on the remote to access the disc's main menu.

4.5. USB Playback

1. Insert a USB drive into the USB port.

2. Select 'USB' from the main menu or by pressing the SRC button.
3. Browse files and folders on the USB drive using the touchscreen.
4. The unit supports MP3/MP4 and other video formats up to 64GB.

4.6. Bluetooth Connectivity

1. **Pairing:** On your mobile device, search for Bluetooth devices and select 'PD-623B'. Enter '0000' if a PIN is required.
2. **Hands-Free Calling:** Once paired, you can make and receive calls directly through the unit. Use the touchscreen or remote to answer/end calls.
3. **Audio Streaming (A2DP):** Play music from your paired device wirelessly. Use the unit's controls to play, pause, and skip tracks.

4.7. Auxiliary Input

Connect an external audio device to the 3.5mm AUX input. Select 'AUX' as the source to play audio from the connected device.

5. MAINTENANCE

5.1. Cleaning the Unit

- Use a soft, dry cloth to clean the unit's display and exterior.
- For stubborn dirt, dampen the cloth lightly with water. Do not use harsh chemicals or abrasive cleaners.
- Avoid spraying liquid directly onto the unit.

5.2. Disc Care

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

6. TROUBLESHOOTING

Review the following common issues and their solutions before contacting support.

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; Vehicle ignition off.	Check power and ground connections. Inspect vehicle and unit fuses. Ensure ignition is in ACC or ON position.
No sound.	Volume too low; Mute activated; Speaker wiring issue.	Increase volume. Deactivate mute. Check speaker connections.
Bluetooth device fails to pair.	Bluetooth not enabled on device; Incorrect PIN; Device too far.	Ensure Bluetooth is active on your device. Re-enter PIN '0000'. Bring device closer to the unit.
Disc playback issues.	Scratched/dirty disc; Incorrect disc format.	Clean the disc. Try a different disc. Ensure disc format is supported (DVD, CD, MP3, MP4).
USB playback issues.	Unsupported file format; USB drive corrupted; USB drive capacity too large.	Ensure files are supported formats. Try a different USB drive. Ensure USB drive is 64GB or less.

7. SPECIFICATIONS

Technical specifications for the Power Acoustik PD-623B unit.

Feature	Detail
Model Number	PD-623B
Display Technology	LCD
Display Resolution	800 x 480
Product Dimensions	9.5 x 9.5 x 7 inches
Item Weight	5 pounds
Wireless Communication	Bluetooth 4.0
Connectivity Technologies	Bluetooth, 3.5mm Jack, USB
Controller Type	Touch Screen
Compatible Devices	Smartphone, Speaker
Audio Output Mode	Surround
Surround Sound Channel Configuration	4.0
Video Encoding Support	MP4, H.264, H.265
Manufacturer	Power Acoustik
Date First Available	February 7, 2017

8. WARRANTY AND SUPPORT

8.1. Product Warranty

This Power Acoustik product is covered by a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Power Acoustik website for detailed warranty terms and conditions, including duration and coverage specifics. Keep your proof of purchase for warranty claims.

8.2. Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact Power Acoustik customer support. Contact information can typically be found on the manufacturer's website or on the product packaging.

Online Support: Visit the official Power Acoustik website for FAQs, product registration, and support resources.

Telephone Support: Refer to the contact section of the Power Acoustik website for current phone numbers and operating hours.

