

JBL PSB-1

JBL Professional PSB-1 Commercial Grade 2-Channel Pro Sound Bar Analog Input User Manual

Model: PSB-1

1. INTRODUCTION

The JBL Professional PSB-1 is a commercial-grade, 2-channel active soundbar engineered for environments such as hotel guestrooms and cruise ship staterooms. It offers a streamlined feature set optimized for these applications, providing high-quality audio output while minimizing complexity. The all-in-one design delivers full-range sound without requiring a separate subwoofer, effectively reducing sound transfer to adjacent rooms. This manual provides essential information for the proper installation, operation, and maintenance of your PSB-1 soundbar.



Figure 1: Front view of the JBL Professional PSB-1 Sound Bar.

2. SAFETY INFORMATION

Please read and understand all safety instructions before operating this product. Retain this manual for future reference.

- **Power Source:** Connect the soundbar only to the specified power supply as indicated in the specifications.
- **Ventilation:** Ensure adequate ventilation around the unit. Do not block ventilation openings.
- **Water and Moisture:** Do not expose the unit to rain, moisture, or dripping/splashing liquids. Do not place objects filled with liquids, such as vases, on the apparatus.
- **Heat:** Do not place near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

- **Cleaning:** Clean only with a dry cloth. Avoid using liquid or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Mounting:** Ensure the soundbar is securely mounted using appropriate hardware and methods, especially for wall installations.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- JBL Professional PSB-1 Sound Bar
- Mounting Hardware
- Audio Cables (RCA cables)
- Cable Adapters
- Remote Control
- Power Cord

4. SETUP

Follow these steps to set up your JBL PSB-1 Sound Bar:

1. **Placement:** Position the soundbar centrally below your television or display. Ensure it is on a stable surface or securely mounted.
2. **Mounting (Optional):** If wall-mounting, use the included mounting hardware. Refer to the mounting template (if provided) for correct screw placement. Ensure the wall material can support the weight of the soundbar.
3. **Connect Audio:** Connect the audio output from your television or other source to the analog input on the PSB-1 using the provided audio cables (RCA). The PSB-1 is designed for analog audio input.
4. **Connect Power:** Plug the power cord into the soundbar's power input, then into a suitable wall outlet.
5. **IR Remote Learning:** The PSB-1 can learn IR volume control commands from your existing TV remote. This allows for a simplified user experience where one remote can control both the TV and soundbar volume. Consult the detailed instructions for IR learning in the operating section.



Figure 2: Dimensions of the JBL Professional PSB-1 Sound Bar (approximately 37.2"W x 5"D x 6"H).

5. OPERATING INSTRUCTIONS

The JBL PSB-1 is designed for straightforward operation:

- **Automatic Power On:** The soundbar features an auto-power-on function. It will automatically power on when an audio

signal is detected from the connected source.

- **Volume Control:** Volume can be controlled via the included remote control or by an IR-learned TV remote.
- **Volume Limiting Switch:** For commercial applications, the PSB-1 includes a 4-position volume limiting switch. This switch allows you to set a maximum volume output to prevent excessive noise levels. Access to this switch and other controls can be secured with a lockout plate to prevent unauthorized tampering.
- **Source Volume Selection:** The soundbar supports both fixed and variable source volume settings for compatibility with various televisions. This setting can also be secured by the lockout plate.
- **IR Learning Procedure:**
 - a. Ensure the soundbar is powered on.
 - b. Press and hold the 'Learn' button (refer to the soundbar's control panel or included remote diagram for location) until the indicator light blinks.
 - c. Point your TV remote at the soundbar and press the 'Volume Up' button. The indicator light will confirm successful learning.
 - d. Repeat for 'Volume Down' and 'Mute' buttons.
 - e. The soundbar will exit learning mode automatically after a period of inactivity or after all commands are learned.

6. MAINTENANCE

The JBL PSB-1 is designed for minimal maintenance:

- **Cleaning:** The speaker grill does not use cloth, making it easy to clean and maintain. Use a dry, soft cloth to wipe down the soundbar. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check cables for damage and connections for security.

7. TROUBLESHOOTING

If you encounter issues with your PSB-1 Sound Bar, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound	<ul style="list-style-type: none">• Power not connected• Incorrect audio input selected• Volume too low• Audio cable loose/damaged	<ul style="list-style-type: none">• Ensure power cord is securely plugged in.• Verify the correct audio input is selected on the soundbar (if applicable, though PSB-1 is analog input).• Increase volume on soundbar and source.• Check and re-secure audio cables. Try a different cable if necessary.
Low volume output	<ul style="list-style-type: none">• Volume limiting switch engaged• Source volume too low	<ul style="list-style-type: none">• Check the 4-position volume limiting switch setting. Adjust if necessary (requires access behind lockout plate).• Increase the volume on the connected audio source (TV).

Problem	Possible Cause	Solution
Remote control not working	<ul style="list-style-type: none">• Batteries depleted• IR sensor blocked• Remote not paired/learned	<ul style="list-style-type: none">• Replace batteries in the remote.• Ensure no obstructions between remote and soundbar's IR sensor.• Perform the IR learning procedure again (see Operating Instructions).

If the problem persists after attempting these solutions, please contact JBL Professional support for further assistance.

8. SPECIFICATIONS

Key technical specifications for the JBL Professional PSB-1 Sound Bar:

- **Model Name:** PSB-1
- **Speaker Type:** Soundbar
- **Surround Sound Channel Configuration:** 2.0
- **Speaker Maximum Output Power:** 25 Watts
- **Audio Output Mode:** Stereo
- **Connectivity Technology:** IR (Infrared)
- **Compatible Devices:** Television, Projector
- **Product Dimensions:** 5"D x 37.2"W x 6"H
- **Item Weight:** 5.9 Pounds
- **Mounting Type:** Wall Mount
- **Color:** Black
- **Power Source:** Corded Electric
- **UPC:** 691991007965

9. WARRANTY

The JBL Professional PSB-1 Sound Bar comes with a Limited Warranty. For detailed information regarding warranty coverage, terms, and conditions, please refer to the official JBL Professional website or contact your authorized JBL Professional dealer. Keep your proof of purchase for warranty claims.

10. SUPPORT

For technical support, service, or additional product information, please visit the official JBL Professional website or contact their customer service department. You can typically find contact details and support resources at:

[JBL Professional Official Website](#)

When contacting support, please have your product model (PSB-1) and serial number available.