

## Spirit Box P-SB11-ANC

# P-SB11-ANC Spirit Box Instruction Manual

Model: P-SB11-ANC | Brand: Spirit Box

## INTRODUCTION

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The P-SB11-ANC Spirit Box is an advanced device designed for paranormal research, featuring Adjustable Noise Control (ANC) to enhance clarity during station scanning. This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your P-SB11-ANC Spirit Box, ensuring optimal performance and understanding of its unique capabilities.

This device combines dual-channel sweep functionality (FM and AM) with precise control over scanning speed and direction. It also incorporates Automatic Temperature Deviation Detection (ATDD), a feature designed to alert users to significant temperature changes that may indicate paranormal activity. The P-SB11-ANC is equipped with independent volume controls for each channel, a mute function, an antenna on/off switch, a built-in night vision friendly red flashlight, and dual audio output ports for external recording or amplification.

## KEY FEATURES

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- **ANC Adjustable Noise Control:** Dramatically reduces unwanted noise during scanning for clearer audio.
- **Dual Channel Sweep (FM and AM):** Simultaneously scans both FM and AM frequencies.
- **Adjustable Scanning Sweep Speed:** Customize sweep speed for each channel from slow to very fast.
- **ATDD Automatic Temperature Deviation Detection:** Alerts to temperature changes of 5°F or more, potentially indicating paranormal activity.
- **Independent Channel Scanning Direction:** Each channel can be set to scan forward or backward independently.
- **Independent Volume Control:** Adjust volume for FM and AM channels separately.

- **Mute Button:** Instantly mutes audio output.
- **Antenna On/Off Switch:** Allows operation with or without the antenna.
- **Built-in Night Vision Friendly Red Flashlight:** Provides illumination in low-light conditions.
- **Dual Audio Output Ports:** Connect to recording devices, amplifiers, or external speakers.

## SETUP

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### 1. Battery Installation

The P-SB11-ANC requires one 9V alkaline battery for operation. To install the battery:

1. Locate the battery compartment on the back of the device.
2. Slide open the battery compartment cover.
3. Insert a new 9V alkaline battery, ensuring correct polarity (+ and - terminals).
4. Close the battery compartment cover securely.



Figure 1: Rear view of the P-SB11-ANC, illustrating the battery compartment and the Adjustable Noise Control (ANC) buttons for Channel 1 and Channel 2.

## 2. Antenna Setup

The device features an extendable antenna for optimal reception. You can choose to operate the device with the antenna extended or retracted using the antenna switch.

- For best reception, extend the antenna fully.
- If you prefer not to use the antenna, ensure the antenna switch on the side of the device is set to the "OFF" position.



Figure 2: Side view of the P-SB11-ANC, highlighting the extendable antenna and the AM/FM antenna ON/OFF switch.

### 3. Powering On the Device

To power on the P-SB11-ANC, locate the "OFF-ON" switch on the front panel, typically on the right side, and slide it to the "ON" position. The device will initiate its startup sequence.



Figure 3: Front view of the P-SB11-ANC, displaying the main control panel including the power switch on the right side.

## OPERATING INSTRUCTIONS

### 1. Understanding the Control Panel

The P-SB11-ANC features a comprehensive control panel divided into two main channels (CHN1 and CHN2), each with independent controls for AM/FM selection, sweep rate, direction, and volume. The lower section includes sweep speed settings and temperature deviation detection controls.



Figure 4: Illuminated front panel of the P-SB11-ANC, showing active indicator lights for selected modes and sweep speeds.

## 2. Channel Selection (AM/FM)

Each channel (CHN1 and CHN2) can independently select between AM and FM bands. Press the "AM-FM" button for the respective channel to toggle between the two modes. An indicator light will confirm the selected band.

## 3. Sweep Rate and Direction

The P-SB11-ANC allows for adjustable sweep rates and directions for each channel:

- **Sweep Rate:** Press the "SWEEP RATE" button for CHN1 or CHN2 to activate the sweep function.
- **Direction (REV/FWD):** Use the "REV" (Reverse) and "FWD" (Forward) buttons to set the scanning direction for each channel independently.

## 4. Adjustable Noise Control (ANC)

The ANC feature significantly reduces background noise. The P-SB11-ANC comes with pre-set noise control levels, but you can fine-tune them using the dedicated buttons on the back of the device.

- Locate the "Noise Filter" buttons on the back panel (refer to Figure 1).
- Use the "+" and "-" buttons for each channel (CHN1 and CHN2) to increase or decrease the noise filtering level to your preference.

## 5. Sweep Speed Adjustment

The sweep speed can be adjusted to several different levels, from slow to very fast. The speed is measured in milliseconds (ms).

- On the front panel, locate the "SWEEP RATE SPEED (ms)" section.
- Press the corresponding buttons (e.g., 50, 100, 150, 200, 250, 300, 350) to select your desired sweep speed.

## 6. Volume Control and Mute

Each channel has independent volume controls. Use the "VOL-" and "VOL+" buttons for CHN1 and CHN2 to adjust the audio output level. A dedicated "MUTE" button is located on the side of the device for instant audio silencing.





Figure 5: Side view of the P-SB11-ANC, illustrating the two audio output ports (CHN1 and CHN2) and the mute button.

## 7. Automatic Temperature Deviation Detection (ATDD)

The ATDD feature monitors ambient temperature and alerts you to significant changes. A change of more than 5°F from the baseline temperature will trigger an alert, which may indicate paranormal activity.

- The temperature display on the front panel shows the deviation from the baseline.
- To reset the baseline temperature, press the "TEMP RESET" button.

## 8. Built-in Flashlight

The P-SB11-ANC includes a night vision friendly red flashlight located at the top of the device. To activate the flashlight, locate the "LIGHT" switch on the side of the device and slide it to the "ON" position.



Figure 6: Top view of the P-SB11-ANC, clearly showing the integrated red flashlight.

## 9. Audio Output Ports

The device has two audio output ports, allowing connection to external recording devices, amplifiers, or speakers. This is particularly useful for recording sessions or for amplifying the audio for group listening.

- Connect a 3.5mm audio cable from the CHN1 or CHN2 output port to your external audio equipment.
- Both AM and FM channels can be run simultaneously through these output jacks.

## MAINTENANCE

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### Cleaning

To maintain the P-SB11-ANC in optimal condition, regularly clean its exterior. Use a soft, dry cloth to wipe down the device. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the electronics or the casing.

### Battery Replacement

Replace the 9V alkaline battery when the device's performance diminishes or if it fails to power on. Always use a fresh, high-quality alkaline battery. Refer to the "Battery Installation" section under Setup for detailed instructions.

### Storage

When not in use for extended periods, store the P-SB11-ANC in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to remove the battery if storing the device for more than a few weeks to prevent potential leakage and damage.

## TROUBLESHOOTING

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- **Device Does Not Power On:**

- Ensure the 9V battery is correctly installed with proper polarity.
- Replace the battery with a new one.
- Verify the "OFF-ON" switch is in the "ON" position.
- **No Audio Output:**
  - Check that the volume levels for both channels are not set to minimum.
  - Ensure the "MUTE" button is not activated.
  - If using external speakers or headphones, ensure they are properly connected and functional.
- **Poor Reception or Static:**
  - Extend the antenna fully.
  - Ensure the antenna switch is in the "ON" position if you intend to use the antenna.
  - Adjust the "SWEEP RATE SPEED" to a different setting.
  - Adjust the "Noise Filter" (ANC) settings on the back of the device.
  - Environmental factors can affect reception; try moving to a different location.
- **ATDD Alert (Temperature Change):**
  - The device is functioning as designed by alerting to a 5°F or greater temperature deviation.
  - To reset the baseline temperature, press the "TEMP RESET" button.

## SPECIFICATIONS

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Feature	Detail
Product Dimensions	6.25 x 3.5 x 1.38 inches (15.88 x 8.89 x 3.51 cm)
Item Weight	8 ounces (226.8 grams)
Model Number	P-SB11-ANC
Power Source	1 x 9V Alkaline Battery (included)
Tuner Technology	AM, FM
Radio Bands Supported	FM
Connectivity Technology	Auxiliary (Audio Output Ports)
Special Feature	Built-In Night Vision Friendly Red Flashlight, Adjustable Noise Control (ANC), Automatic Temperature Deviation Detection (ATDD)
Color	Black
Manufacturer	DAS Distribution
First Available Date	August 26, 2021

## WHAT'S IN THE BOX

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Upon unboxing your P-SB11-ANC Spirit Box, you should find the following items:

- P-SB11-ANC Spirit Box Unit
- 1 x 9V Alkaline Battery

## WARRANTY AND SUPPORT

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For specific warranty information and details regarding product support, please refer to the documentation provided with your purchase or contact the manufacturer, DAS Distribution, directly. Keep your proof of purchase for any warranty claims.

For technical assistance or further inquiries, please reach out to the customer support channels provided by the retailer or manufacturer.