SAMSON PXD1

Samson PXD1 Wireless Lavalier Microphone Transmitter for USB User Manual

MODEL: PXD1

Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your Samson PXD1 Wireless Lavalier Microphone Transmitter. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize its performance. The PXD1 is designed to capture audio wirelessly and transmit it to your Mac or Windows computer via a compatible USB receiver (sold separately).

Package Contents

Verify that all items listed below are present in your package:

- Samson PXD1 Wireless Lavalier Microphone Transmitter
- Lavalier Microphone
- USB Charging Cable
- User Manual (this document)

Product Overview

The Samson PXD1 is a compact and lightweight beltpack transmitter designed for wireless audio capture. It operates on the 2.4 GHz frequency band, providing reliable digital audio transmission.

Figure 1: Samson PXD1 Wireless Lavalier Microphone Transmitter. This image shows the compact design of the PXD1 transmitter unit.

Key Components:

- **Power Button:** Used to turn the unit on and off.
- **Status LED:** Indicates power, battery status, and pairing status.
- **Microphone Input:** 3.5mm jack for connecting the lavalier microphone.
- **USB Port:** For charging the internal battery.
- **Belt Clip:** For attaching the transmitter to clothing or a belt.

Setup

1. **Charge the Transmitter:** Connect the PXD1 transmitter to a USB power source using the provided USB cable. The Status LED will indicate charging status. Ensure the unit is fully charged before first use.
2. **Connect the Lavalier Microphone:** Plug the lavalier microphone's 3.5mm connector into the Microphone Input jack on the PXD1 transmitter. Secure the microphone to your clothing, approximately 6-8 inches from your mouth, for optimal sound capture.
3. **Pair with USB Receiver:** The PXD1 requires a compatible Samson USB receiver (sold separately) to

function.

- Turn on the PXD1 transmitter by pressing and holding the Power Button until the Status LED illuminates.
- Plug the Samson USB receiver into an available USB port on your Mac or Windows computer.
- Follow the pairing instructions provided with your specific Samson USB receiver. Typically, this involves pressing a pairing button on both the transmitter and receiver until a solid connection is indicated by their respective status LEDs.

4. **Connect to Computer:** Once paired, your computer should recognize the USB receiver as an audio input device. Select it as your input device in your operating system's sound settings and your preferred digital audio software.

Operating Instructions

1. **Power On/Off:** Press and hold the Power Button for approximately 2 seconds to turn the PXD1 on or off. The Status LED will light up when powered on.
2. **Monitor Audio Levels:** Before recording or live streaming, perform a sound check. Speak into the lavalier microphone at your normal speaking volume and monitor the input levels in your digital audio software. Adjust the input gain on your computer or software as needed to prevent clipping (distortion) and ensure a strong signal.
3. **Positioning:** Ensure the lavalier microphone is positioned correctly to capture clear audio. Avoid placing it where it might rub against clothing, which can cause unwanted noise.
4. **Range:** Maintain a clear line of sight between the PXD1 transmitter and the USB receiver for optimal wireless performance. Obstacles can reduce the effective range.
5. **Battery Life:** The Status LED will change color or flash to indicate low battery. Recharge the unit promptly when this occurs.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the PXD1 transmitter. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the transmitter in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery longevity, avoid fully discharging the battery frequently. If storing for extended periods, charge the battery to approximately 50% every few months.
- **Microphone Care:** Keep the lavalier microphone clean and free from dust or debris.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No sound output	Transmitter not powered on. Not paired with receiver. Receiver not connected to computer. Incorrect input device selected on computer/software. Microphone not connected or faulty.	Ensure PXD1 is powered on (Status LED lit). Re-pair transmitter and receiver. Verify USB receiver is securely plugged into computer. Select the USB receiver as the audio input in your computer's sound settings and recording software. Check microphone connection; try another microphone if available.
Poor audio quality / Distortion	Input gain too high. Interference from other 2.4 GHz devices. Transmitter too far from receiver. Low battery.	Reduce input gain on your computer or software. Move away from Wi-Fi routers or other wireless devices. Reduce distance between transmitter and receiver; ensure clear line of sight. Recharge the PXD1 transmitter.
Transmitter won't turn on	Battery is completely discharged. Faulty unit.	Connect to USB power source and allow time to charge. If still unresponsive after charging, contact Samson support.

Specifications

Brand:
SAMSON

Model Name:
PXD1

Connectivity Technology:
USB (via compatible receiver)

Connector Type:
USB (for charging/receiver connection)

Polar Pattern:
Unidirectional (Lavalier Microphone)

Item Weight:
2.4 ounces

Item Dimensions (L x W x H):
3.6 x 2.2 x 0.9 inches

Power Source:
Corded Electric (USB Powered)

Recommended Uses:
Podcasting, Voice Recording

Compatible Devices:
Personal Computer (Mac/Windows)

Manufacturer Part Number:

SWXPD1BP

UPC:

809164218579

Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Samson website. Keep your proof of purchase for warranty claims.
Samson Official Website: www.samsontech.com