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SAMSON SAXPXPLRW

Samson Expedition Explor Rechargeable PA System with Wireless Microphone User Manual

Model: SAXPXPLRW

1. INTRODUCTION

The Samson Expedition Explor is a portable, rechargeable PA system designed for various applications including live performances, presentations, and outdoor events. This system features a powerful 200-watt amplifier, a 3-way speaker system, and an integrated 3-channel mixer. It includes a Samson XPD2 USB Digital Handheld Wireless System for cable-free microphone use and offers Bluetooth connectivity for audio streaming. The internal lithium-ion battery provides extended operation, and its lightweight design with multiple positioning options ensures versatility.

2. IMPORTANT SAFETY INFORMATION

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

- **Power Source:** Use only the specified power adapter. Disconnect the power cord during lightning storms or when unused for long periods.
- **Water and Moisture:** Do not expose this unit to rain, moisture, dripping, or splashing. Do not place objects filled with liquids on the unit.
- **Heat:** Do not place the unit near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Ventilation:** Ensure proper ventilation. Do not block any ventilation openings.
- **Cleaning:** Clean only with a dry cloth.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Battery Safety:** Do not disassemble, crush, or expose the battery to high temperatures or fire. Dispose of batteries properly.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Samson Expedition Explor PA System
- Samson XPD2 Wireless Handheld Microphone
- USB Receiver for Wireless Microphone
- Power Adapter
- Dust Cover

- User Manual (this document)

4. PRODUCT OVERVIEW

The Expedition Explor PA system is designed for clear and powerful audio reproduction. Familiarize yourself with its components and controls.

4.1 Speaker Components



Image 4.1: Diagram illustrating the internal speaker components of the Expedition Explor, including the 8-inch woofer, 3.5-inch midrange driver, and dual 1-inch tweeters for a 3-way sound system.

- **8" Woofer:** Provides robust low-frequency response.
- **3.5" Midrange Driver:** Delivers clear and articulate mid-range frequencies.
- **Dual 1" High-Frequency Drivers (Tweeters):** Ensures crisp and detailed high-frequency reproduction.

4.2 Rear Panel and Mixer Controls



Image 4.2: Detailed view of the rear panel of the Expedition Explor, showing the 3-channel mixer with various input/output jacks and control knobs for volume, reverb, and EQ.

- **Channel 1 & 2 Inputs:** Two XLR-1/4" combo jacks for microphones, line-level devices, or high-impedance instruments like guitars. Each channel has independent volume and reverb controls.
- **Channel 3 Input:** 1/8" auxiliary input for connecting external audio devices (e.g., smartphones, tablets). This channel also features Bluetooth connectivity.
- **Bluetooth Pairing Button:** Initiates Bluetooth pairing mode for Channel 3.
- **Master 3-Band EQ:** Controls for Treble, Mid, and Bass to adjust the overall tone of the mix.
- **Variable Reverb Controls:** Adjusts the amount of reverb effect applied to channels 1 and 2.
- **1/4" Line Out:** Allows connection to additional Expedition Explor speakers or other PA systems.
- **Power Switch & AC Input:** For turning the unit on/off and connecting the power adapter.
- **Charge/Power Indicator:** LED to show charging status and power on/off.

4.3 Wireless Microphone System

GO CORD-FREE.

SAMSON XPD2
HANDHELD DIGITAL
USB WIRELESS
SYSTEM*



*MICROPHONE
INCLUDED

STREAM
VIA BLUETOOTH



Image 4.3: The Samson XPD2 wireless handheld microphone and its accompanying USB receiver, which provides wireless audio input to the PA system.

The included Samson XPD2 USB Digital Handheld Wireless System provides a convenient, cable-free solution for vocal performances or presentations. The USB receiver plugs directly into the PA system's USB port.

4.4 Portability and Positioning

PERFORM YOUR WAY.

USE IT VERTICALLY,
TILTED BACK,
ON ITS SIDE,
OR MOUNTED ON
A SPEAKER STAND.



Image 4.4: The Samson Expedition Explor PA system being carried by its integrated top handle, highlighting its portability.

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EXPEDITION EXPLOR

200W

OUTPUT POWER

52Hz — 20kHz

FREQUENCY RESPONSE

INPUTS

2x XLR-1/4" COMBO
1/8" AUX IN

OUTPUTS

1/4" LINE OUT

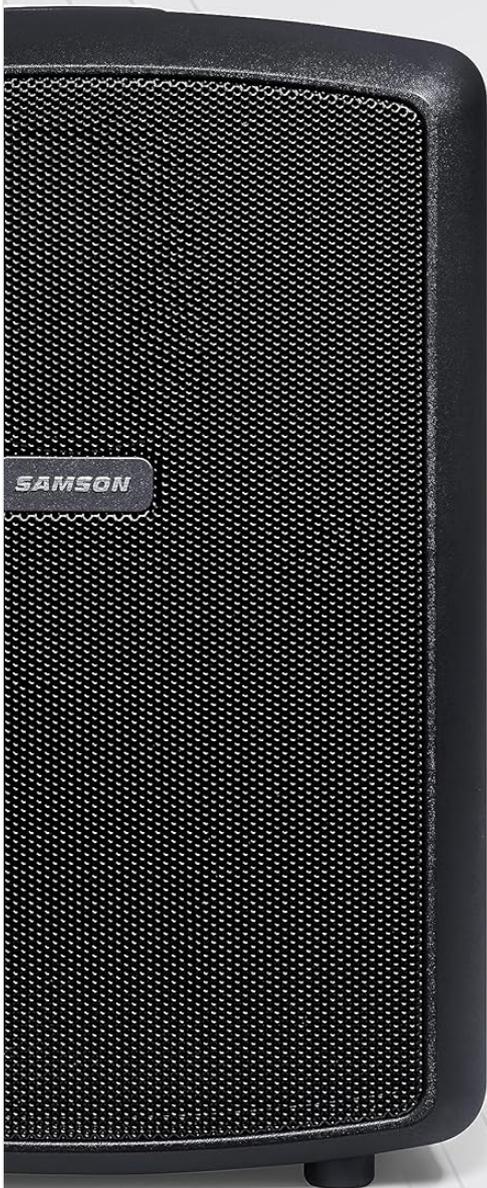


Image 4.5: Various positioning options for the Expedition Explor PA system, including vertical, tilted back, on its side as a monitor, and mounted on a speaker stand.

Weighing approximately 15 pounds and featuring an integrated carry handle, the Expedition Explor is highly portable. It offers four performance positions:

- **Vertical:** Standard upright position for general sound projection.
- **Tilted Back:** Angled position for upward sound projection, useful when placed on the floor.
- **Horizontal (Monitor):** Laying on its side, ideal for use as a stage monitor.
- **Pole Mount:** Utilizes the built-in 1 3/8" pole mount for elevated sound dispersion.

5. SETUP

5.1 Charging the Battery

1. Connect the included power adapter to the AC Input on the rear panel of the Expedition Explor.
2. Plug the power adapter into a suitable AC power outlet.
3. The Charge/Power indicator LED will illuminate to show charging status. A full charge provides up to 12 hours of continuous use.

5.2 Connecting the Wireless Microphone

1. Insert the Samson XPD2 USB receiver into the USB port on the rear panel of the Expedition Explor.
2. Turn on the wireless handheld microphone.
3. The receiver and microphone should automatically pair. Adjust the volume for the corresponding channel (Channel 1 or 2) using its dedicated volume knob.

5.3 Connecting Other Audio Sources

- **Microphones/Instruments:** Connect wired microphones, line-level devices, or high-impedance instruments to the XLR-1/4" combo jacks on Channel 1 or 2. Adjust the respective volume knobs.
- **Auxiliary Devices:** Connect smartphones, MP3 players, or other audio sources to the 1/8" AUX IN jack on Channel 3. Adjust the Channel 3 volume knob.
- **Bluetooth Devices:** For wireless audio streaming, refer to Section 6.2 for Bluetooth pairing instructions.

5.4 Positioning the PA System

Choose the optimal position for your Expedition Explor based on your environment and audience. Refer to Image 4.5 for visual examples.

- For general use, place the unit vertically on a stable surface or mount it on a speaker stand.
- If placing on the floor, tilt it back to direct sound upwards towards the audience.
- For monitoring purposes, lay the unit horizontally on its side.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off and Volume Adjustment

1. Ensure all connections are secure.
2. Turn the Master Volume knob to its minimum setting.
3. Press the Power switch on the rear panel to turn on the unit. The Power LED will illuminate.
4. Gradually increase the volume of the connected input channels (Channel 1, 2, or 3) and then the Master Volume to achieve the desired sound level.
5. To power off, turn the Master Volume to minimum, then press the Power switch.

6.2 Bluetooth Pairing

1. Ensure the Expedition Explor is powered on.
2. Press and hold the **Bluetooth Pairing** button on the rear panel (Channel 3 section) until the Bluetooth indicator LED begins to flash. This indicates the unit is in pairing mode.
3. On your Bluetooth-enabled device (e.g., smartphone), navigate to its Bluetooth settings and select "Samson Explor" from the list of available devices.
4. Once paired, the Bluetooth indicator LED on the Expedition Explor will glow solid.
5. Play audio from your device and adjust the Channel 3 volume knob on the PA system.

6.3 Using Reverb and EQ

- **Reverb:** Use the individual Reverb knobs for Channel 1 and 2 to add a spatial effect to microphones or instruments. Start with a low setting and gradually increase to taste.
- **Master EQ:** Adjust the Treble, Mid, and Bass knobs in the Master section to fine-tune the overall sound of your mix. Increase Treble for brighter sound, Bass for more low-end, and Mid for vocal clarity.

6.4 Connecting Additional Explor Speakers

To expand your sound system, connect the 1/4" Line Out of one Expedition Explor to an input channel of another Expedition Explor unit. This allows you to daisy-chain multiple units for larger venues.

6.5 Official Product Videos

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Video 6.1: An overview of the Samson Expedition Explor PA system, demonstrating its features and portability in a vertical format. (Duration: 1:01)

Your browser does not support the video tag.

Video 6.2: A comprehensive demonstration of the Samson Expedition Explor, detailing its setup, mixer functions, and various applications. (Duration: 8:12)

7. MAINTENANCE

- **Cleaning:** Wipe the unit with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or waxes.
- **Battery Care:** For optimal battery life, avoid fully discharging the unit frequently. Recharge the battery regularly, even if not in use, to maintain its capacity. Store the unit in a cool, dry place.
- **Storage:** When not in use, store the Expedition Explor in a dry environment, preferably covered with the included dust cover to protect it from dust and debris.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	Unit not powered on. Volume knobs (channel or master) set too low. Input device not connected or turned on. Incorrect input selected.	Ensure power switch is ON. Increase channel and master volume. Check connections and power of input device. Verify input source is correctly connected to the active channel.
Wireless microphone not working	Microphone not powered on. USB receiver not properly inserted. Microphone not paired with receiver. Microphone batteries low.	Turn on the microphone. Ensure USB receiver is fully inserted into the USB port. Re-pair the microphone and receiver (refer to XPD2 manual). Replace microphone batteries.
Bluetooth device won't pair	Expedition Explor not in pairing mode. Device too far from PA system. Bluetooth on device is off.	Press and hold the Bluetooth pairing button until the LED flashes. Move device closer to the PA system. Enable Bluetooth on your device.

Problem	Possible Cause	Solution
Distorted sound	Input level too high (clipping). Master volume too high. Faulty cable or input device.	Reduce individual channel volume. Reduce Master Volume. Test with different cables or input devices.

9. SPECIFICATIONS

Feature	Detail
Output Power	200 Watts
Speaker System	3-way (8" woofer, 3.5" midrange, dual 1" tweeters)
Frequency Response	52Hz – 20kHz
Battery Type	Internal Lithium-ion rechargeable
Battery Life	Up to 12 hours
Channels	3
Inputs	2x XLR-1/4" Combo, 1/8" Aux In, Bluetooth, USB (for XPD2 wireless)
Outputs	1/4" Line Out
EQ	Master 3-band (Treble, Mid, Bass)
Effects	Variable Reverb
Wireless System	Samson XPD2 USB Digital Handheld Wireless System
Dimensions (L x W x H)	23.5 x 14.2 x 12.6 inches
Item Weight	15 pounds (Note: Product data lists 1 pound, but description and context suggest 15 pounds for a PA system)
Mounting Type	Tabletop, Pole Mount (1 3/8")
Model Number	SAXPXPLRW
UPC	809164027584, 809164027591

10. WARRANTY INFORMATION

For detailed warranty information regarding your Samson Expedition Explor Rechargeable PA System, please refer to the warranty card included in your product packaging or visit the official Samson website. Warranty terms and conditions may vary by region and product.

11. SUPPORT

If you require technical assistance, service, or have questions about your Samson Expedition Explor, please contact Samson customer support through their official website or the contact information provided in your product documentation. You can also visit the [Samson Store on Amazon](#) for additional product information.

