SAMSON XP208W

Samson Expedition XP208w Portable PA System User Manual

Model: XP208W | Brand: SAMSON

INTRODUCTION

The Samson Expedition XP208w is a 200-watt all-in-one portable PA system designed for various sound reinforcement needs. This system features an integrated rechargeable battery, offering up to 20 hours of continuous operation. It includes a wireless microphone, Bluetooth streaming capabilities, and a 4-channel mixer. This manual provides detailed instructions for the setup, operation, and maintenance of your XP208w system.

Figure 1: Samson Expedition XP208w Portable PA System.

PACKAGE CONTENTS

Before proceeding, please verify that all items are present:

- Samson Expedition XP208w Portable PA System
- Samson XPD2 Handheld Digital USB Wireless System (includes wireless microphone and USB receiver)
- USB extension cable
- Power cable
- User Manual (this document)

SAFETY INFORMATION

Always read and follow all safety instructions before using this product. Keep this manual for future reference. Do not expose the unit to rain or moisture. Do not block ventilation openings. Refer all servicing to qualified personnel.

SETUP

1. Initial Charging

Before first use, fully charge the internal rechargeable battery. Connect the supplied power cable to the XP208w and a standard AC outlet. The charging indicator will illuminate. A full charge can take several hours. The system can operate for up to 20 hours on a single charge.

2. Placement

Place the XP208w on a stable, flat surface or mount it on a standard speaker pole using the integrated pole mount. Ensure adequate ventilation around the unit.

Figure 2: Front view of the XP208w PA System.

3. Connecting the Wireless Microphone

1. Locate the Samson XPD2 USB receiver and the wireless handheld microphone.

2. Insert the XPD2 USB receiver into the dedicated USB port on the rear panel of the XP208w. If needed, use the supplied USB extension cable for optimal placement of the receiver.

3. Turn on the wireless handheld microphone. The indicator light on both the microphone and the USB receiver should illuminate, indicating a successful connection.

Figure 3: Rear panel with XPD2 USB receiver connected.

OPERATING INSTRUCTIONS

1. Powering On/Off

Press and hold the Power button located on the rear panel to turn the unit on or off. The power indicator LED will light up when the unit is on.

2. Mixer Controls

The XP208w features a 4-channel mixer with individual volume controls for each channel. It also includes Bass and Treble EQ controls that affect all channels globally.

- **Channel 1 & 2 (Mic/Line Inputs):** These channels accept XLR or 1/4-inch inputs for microphones or line-level devices. Adjust individual volume using the corresponding gain knobs.
- **Channel 3 (Line Input):** This channel accepts 1/4-inch or 1/8-inch (3.5mm) line-level inputs.
- **Channel 4 (Bluetooth/USB Wireless):** This channel is dedicated to Bluetooth audio streaming and the XPD2 USB Wireless System.
- **Bass & Treble:** Adjust these knobs to shape the overall tone of the audio output.
- **Reverb:** A variable reverb control is available for the mic/wireless inputs to add spatial effects.
- **Master Volume:** Controls the overall output level of the PA system.

3. Bluetooth Connectivity

1. Ensure the XP208w is powered on.
2. Activate Bluetooth on your audio device (smartphone, tablet, etc.).
3. Press the Bluetooth pairing button on the XP208w's rear panel. The Bluetooth indicator LED will flash, indicating it's in pairing mode.
4. On your device, select "Samson XP208w" from the list of available Bluetooth devices.
5. Once paired, the Bluetooth indicator LED will glow solid. You can now stream audio wirelessly to the XP208w.

Note: For optimal performance, avoid placing Bluetooth devices too close to the wireless microphone receiver to prevent potential interference.

4. Voiceover Control (Ducking)

The Voiceover control automatically lowers the volume of background music when a microphone signal is detected, making announcements clearer. To activate, press the Voiceover button on the rear panel.

5. Daisy-Chaining Multiple Systems

The XP208w includes a Line Output, allowing you to connect and daisy-chain multiple XP208w units or other powered speakers for expanded sound coverage. Connect a 1/4-inch cable from the Line Output of the first XP208w to a line input on the second unit.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners or solvents.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. If storing the unit for an extended period, ensure the battery is charged to approximately 50-70% and recharge every few months.
- **Storage:** Store the XP208w in a cool, dry place away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure the ventilation grilles are free from dust and debris to prevent overheating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	• Unit not powered on. • Master volume too low. • Channel volume too low. • Input device not connected or faulty.	• Ensure unit is powered on. • Increase Master Volume. • Increase individual channel volume. • Check input cables and device functionality.
Wireless microphone not working	• Microphone or receiver not powered on. • USB receiver not properly inserted. • Microphone batteries low. • Out of range.	• Ensure both mic and receiver are on. • Re-insert USB receiver firmly. • Replace microphone batteries. • Move closer to the receiver (within 100 ft).
Bluetooth connection issues	• Not in pairing mode. • Device too far or interference. • Previously paired device connected.	• Press Bluetooth pairing button. • Move device closer to XP208w. • Disconnect from other Bluetooth devices.
Audio distortion or peaking	• Input signal too high. • Master volume too high.	• Reduce input gain on individual channels. • Lower Master Volume.

SPECIFICATIONS

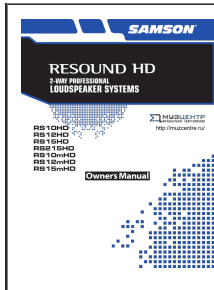|	
Model Name	Expedition XP208w
Output Power	200 Watts
Speaker Type	Portable PA System
Woofer Diameter	8 Inches
Tweeter Size	1 Inch
Channels	4-channel mixer
Connectivity	Bluetooth, USB, XLR, 1/4-inch, 1/8-inch (3.5mm)
Wireless System	Samson XPD2 Handheld Digital USB Wireless System (100' operating range)
Battery Life	Up to 20 hours (internal rechargeable battery)
Dimensions (H x W x D)	17 x 11 x 10 inches (approximate)
Weight	29 pounds (approximate)
UPC	809164023067

WARRANTY AND SUPPORT

The Samson Expedition XP208w Portable PA System comes with a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Samson website. For technical support, product registration, or service inquiries, please contact Samson customer service through their official channels.

Manufacturer: Samson

Website: www.samsontech.com

Related Documents - XP208W

	[Samson Expedition XP800 Portable PA System Owner's Manual](#) Owner's manual for the Samson Expedition XP800, an 800-watt portable PA system featuring dual speakers, an 8-channel mixer, Bluetooth connectivity, and detailed setup and operation instructions.
	[Samson Expedition XP800 Portable PA System Owner's Manual | Setup, Features, Bluetooth](#) Comprehensive owner's manual for the Samson Expedition XP800 Portable PA System. This guide covers setup, features, mixer layout, Bluetooth pairing, quick start, effects, wireless system operation, and technical specifications.
	[Samson Expedition Explor Portable PA System Owner's Manual](#) Owner's manual for the Samson Expedition Explor portable PA system, detailing its features, setup, operation, safety precautions, and specifications. Includes information on wireless connectivity and Bluetooth pairing.
	[Samson Expedition XP106 Portable PA System Owner's Manual](#) Owner's manual for the Samson Expedition XP106 portable PA system, detailing features, setup, operation, safety information, and specifications. Includes Bluetooth connectivity and wireless microphone system details.
	[SAM HOME Gateway EB 5660: Mounting and Operating Instructions](#) Comprehensive mounting and operating instructions for the SAM HOME Gateway (Model EB 5660) by SAMSON. Covers installation, setup, configuration, safety guidelines, and troubleshooting for efficient energy management system integration.

[Samson Resound HD Series: Professional 2-Way Loudspeaker Systems - Owner's Manual](#)
Comprehensive owner's manual for the Samson Resound HD Series of professional 2-way loudspeaker systems. Covers features, components, setup, wiring, specifications, and safety instructions for models RS10HD, RS12HD, RS15HD, RS215HD, RS10mHD, RS12mHD, and RS15mHD.