

## Samson XP106

# Samson Expedition XP106 Portable PA System & Pyle Speaker Stand

## USER MANUAL

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## 1. Introduction

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This manual provides instructions for the Samson Expedition XP106 Rechargeable Portable PA system and the Pyle Universal Speaker Stand. The Samson XP106 is a versatile, all-in-one sound solution featuring Bluetooth connectivity and a built-in 4-channel mixer, suitable for various applications including presentations, performances, and outdoor events. The Pyle speaker stand offers stable support for your PA system.

Please read this manual thoroughly before operating the equipment to ensure proper use and to prevent damage.



Figure 1: Samson Expedition XP106 Portable PA system with wired microphone and Pyle speaker stand.

## 2. What's Included

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The package includes the following components:

- Samson Expedition XP106 Rechargeable Portable PA System (Gray)
- Wired Handheld Dynamic Microphone
- Pyle Universal Speaker Stand Mount Holder (Black)
- Power Adapter/Charging Cable for PA System



Figure 2: Samson Expedition XP106 Portable PA system with included wired microphone.

### 3. Setup

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#### 3.1 Pyle Universal Speaker Stand Assembly

1. Unfold the tripod legs of the speaker stand until they are fully extended and stable.
2. Adjust the height of the telescoping center column to the desired level (between 40 and 71 inches).
3. Secure the height adjustment with the locking safety pin and tighten the knob-style tension locking mechanism. Ensure the stand is stable before placing any equipment on it.



Figure 3: Pyle Universal Speaker Stand in its assembled state.

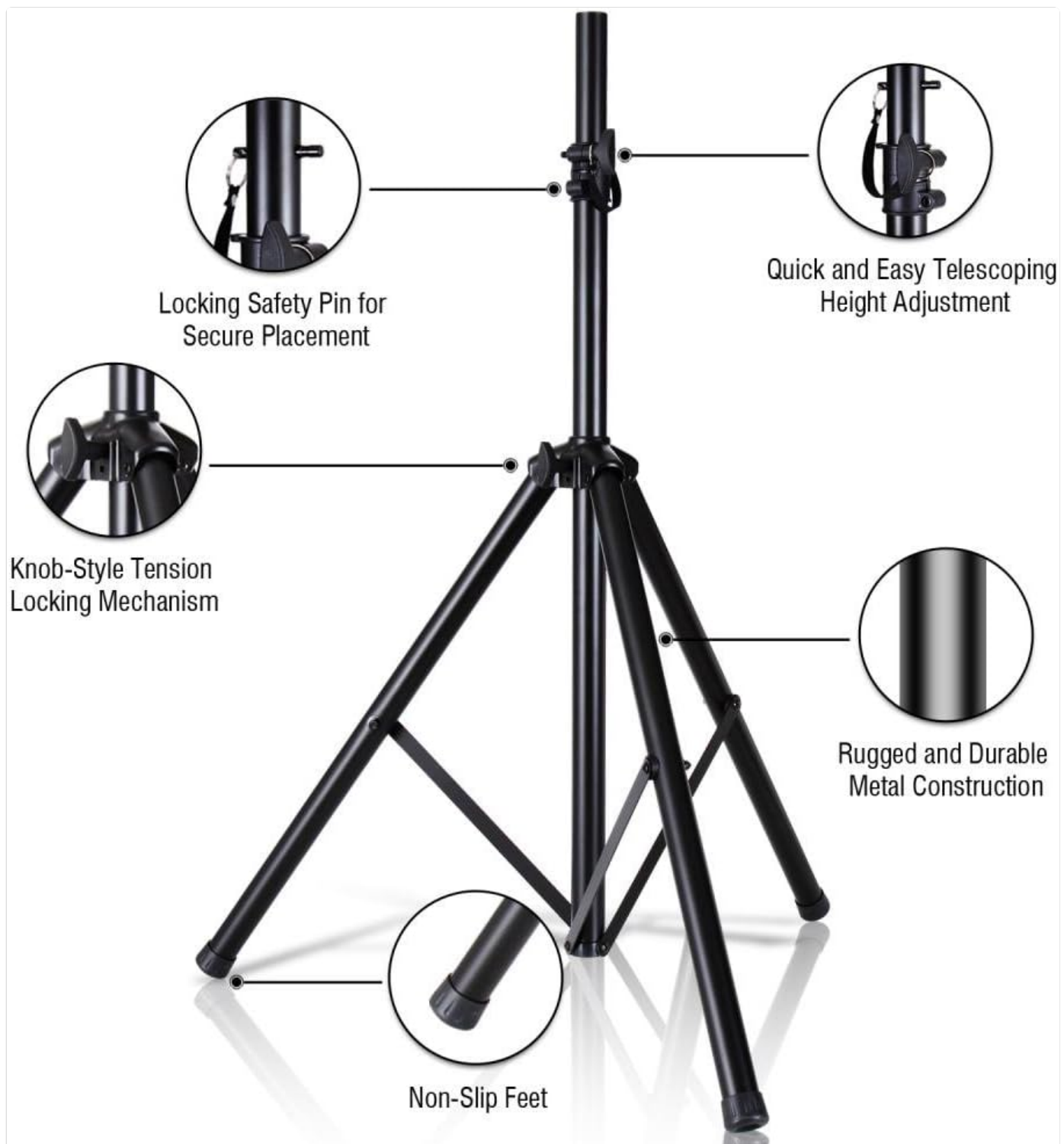


Figure 4: Key features and components of the Pyle Universal Speaker Stand.

### 3.2 Samson XP106 PA System Placement

1. Carefully lift the Samson XP106 PA system and place it onto the 35mm compatible insert at the top of the assembled Pyle speaker stand.
2. Ensure the PA system is securely seated on the stand.

### 3.3 Connecting the Microphone

1. Locate the XLR-1/4 inch combo input on the rear panel of the XP106 PA system.
2. Connect the wired handheld dynamic microphone to one of the available input channels.







Figure 5: Rear panel of the Samson XP106 PA system, detailing input and control options.

### 3.4 Powering On and Charging

1. Connect the power adapter to the DC 18V/3.5A input on the rear panel and plug it into a power outlet to charge the internal battery or operate the unit.
2. Flip the ON/OFF switch to the 'ON' position to power on the PA system.
3. The battery indicator light will show charging status. A full charge provides up to 20 hours of continuous use.

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## 4. Operation

### 4.1 Using the 4-Channel Mixer

The XP106 features a built-in 4-channel mixer. Each channel has independent volume control. Refer to Figure 5 for the layout of the rear panel controls.

- **Channels 1 & 2:** XLR-1/4 inch combo inputs for microphones or line-level instruments. Adjust gain using the respective knobs.
- **Channel 3:** Line input (1/8 inch stereo) for connecting external audio devices.
- **Channel 4:** Bluetooth input for wireless audio streaming.
- **USB Wireless Port:** For connecting Samson's Stage XPD1 USB Digital Wireless System (sold separately).
- **Line Out:** 1/4 inch output for connecting to another PA system or recording device.

### 4.2 Bluetooth Connectivity

1. Ensure the XP106 is powered on.
2. Press the Bluetooth pairing button on the rear panel (refer to Figure 5). The Bluetooth indicator light will flash.
3. On your smartphone or Bluetooth-enabled device, search for 'Samson XP106' in the Bluetooth settings.
4. Select 'Samson XP106' to pair. Once paired, the indicator light will glow solid blue.
5. Adjust the volume for the Bluetooth channel using its dedicated knob.

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## 5. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior surfaces of the PA system and speaker stand. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, store the PA system and speaker stand in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Recharge the unit regularly, even if not in use for extended periods.

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## 6. Troubleshooting

- **No Power:** Ensure the power adapter is securely connected to both the PA system and a working power outlet. Check the ON/OFF switch. If operating on battery, ensure the battery is charged.
- **No Sound Output:** Verify all volume controls (master and individual channels) are turned up. Check microphone and input cable connections. Ensure the audio source is playing.

- **Bluetooth Pairing Issues:** Ensure the PA system is in pairing mode (flashing blue light). Turn off and on Bluetooth on your device. Move closer to the PA system.
  - **Distorted Sound:** Reduce input gain levels or master volume to prevent clipping (indicated by the 'PEAK' LED). Check cable connections for damage.
  - **Speaker Stand Instability:** Ensure tripod legs are fully extended and the safety pin is engaged. Do not exceed the maximum weight load capacity of 132 lbs.
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## 7. Specifications

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### 7.1 Samson Expedition XP106 PA System

- **Output Wattage:** 100 Watts
- **Speaker Configuration:** 2-way enclosure with 6-inch woofer and 1-inch high frequency driver
- **Number of Channels:** 4
- **Audio Inputs:** XLR, 1/4 inch, Aux (1/8 inch stereo)
- **Connectivity Technology:** Bluetooth, USB (for wireless system)
- **Power Source:** Battery Powered (Rechargeable)
- **Battery Life:** Up to 20 hours (continuous use)
- **Color:** Gray

### 7.2 Pyle Universal Speaker Stand

- **Height Adjustment:** 40 inches (minimum) to 71 inches (maximum)
- **Speaker Insert Compatibility:** 35mm (1.375 inches)
- **Maximum Weight Load Capacity:** Up to 132 lbs
- **Construction:** Rugged and durable metal
- **Finish:** Glossy Black





Figure 6: Dimensions and tubing detail of the Pyle Universal Speaker Stand.

## 8. Safety Information

- Do not expose the PA system to rain or moisture to avoid electric shock.
- Ensure proper ventilation around the PA system to prevent overheating.
- Always secure the speaker stand properly and ensure it is on a stable, level surface before mounting the PA system.
- Do not overload the speaker stand beyond its specified weight capacity (132 lbs).
- Avoid listening at excessively high volumes for prolonged periods to prevent hearing damage.
- Keep out of reach of children.





## 9. Support


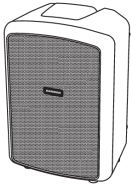
For technical support, warranty information, or service inquiries, please contact Samson customer service. Refer to the official Samson website for the most up-to-date contact information and support resources.

**Samson Technologies:** [www.samsontech.com](http://www.samsontech.com)

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### Related Documents - XP106

	<p><a href="#">Samson Expedition XP106 Portable PA System Owner's Manual</a></p> <p>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.</p>
	<p><a href="#">Samson Q7 Dynamic Microphone Owner's Manual - Features, Specs, and Usage</a></p> <p>Comprehensive guide to the Samson Q7 Neodymium Dynamic Microphone, covering features, technical specifications, microphone placement, connectivity, and usage guidelines for vocalists and recording artists.</p>
	<p><a href="#">Samson C01 Studio Condenser Microphone: Owners Manual, Features, and Operation</a></p> <p>This document provides comprehensive information for the Samson C01 Studio Condenser Microphone. It covers an introduction to the product, detailed features, operating instructions including powering, polar patterns, microphone placement, signal level setup, and pop reduction techniques. It also includes instructions for mounting the microphone on a stand and using the optional SP01 shock mount.</p>
	<p><a href="#">Samson Q6 Dynamic Microphone Owner's Manual</a></p> <p>Comprehensive owner's manual for the Samson Q6 Dynamic Microphone, detailing its features, setup, usage guidelines, microphone placement techniques, and technical specifications.</p>

<p>SE10x Earset Microphone</p> <p><small>Unidirectional Earset Microphone with Standard Coiled Cable</small></p>  <p>Owner's Manual</p> <p><b>SAMSON</b></p>	<p><a href="#">Samson SE10x Earset Microphone Owner's Manual</a></p> <p>Comprehensive owner's manual for the Samson SE10x omnidirectional earset microphone, detailing its features, specifications, connector compatibility, optimal positioning, and care instructions.</p>
<p>EXPEDITION EXPLOR</p>  <p>Owner's Manual</p> <p><b>SAMSON</b></p>	<p><a href="#">Samson Expedition Explor Portable PA System Owner's Manual</a></p> <p>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.</p>