

Sennheiser XSW 1-825

Sennheiser XSW 1-825 Dual-A Wireless Microphone System Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Sennheiser XSW 1-825 Dual-A Channel Wireless Microphone System. This system is designed for clear audio transmission in various applications, including live vocals, presentations, and events.

The bundle includes an EM-XSW 1 dual stationary receiver, two SKM XSW transmitters with e825 capsules, two MZQ 1 microphone clips, an NT 12-5 CW power supply, four AA batteries, two tripod microphone stands with fixed booms, and two XLR-XLR cables.



Image: The Sennheiser XSW 1-825 Dual-A Wireless Microphone System, showing the receiver unit and two handheld microphones.

Key Features:

- Easy-to-use handheld wireless system for reliable audio.
- One-button scanning and synchronization for simplified setup.
- Intuitive icon-based indicators for clear operation status.
- Internal diversity receiver antennas for a compact design.
- Supports simultaneous use of up to 10 systems.

SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove all items from the packaging. Verify that all components listed in the introduction are present.
2. **Receiver Placement:** Place the EM-XSW 1 dual stationary receiver on a stable surface, away from potential sources of interference (e.g., Wi-Fi routers, other wireless devices).



Image: Front panel of the EM-XSW 1 receiver, showing display and control buttons.

3. **Connect Power to Receiver:** Connect the NT 12-5 CW power supply to the receiver's power input and then to an electrical outlet.
4. **Connect Receiver to Audio Mixer:** Use the provided XLR-XLR cables to connect the balanced XLR outputs (Bal) on the rear of the receiver to the input channels of your audio mixer. Alternatively, use the unbalanced 1/4" jack outputs (Unbal).



Image: Rear panel of the EM-XSW 1 receiver, displaying balanced XLR outputs, unbalanced 1/4" jack outputs, and power input.



Image: An XLR-XLR audio cable, used for connecting the receiver to an audio mixer.

5. **Install Batteries in Transmitters:** Unscrew the bottom part of each SKM XSW handheld transmitter. Insert two AA batteries into each transmitter, observing the correct polarity (+/-). Screw the bottom part back on securely.



Image: Two SKM XSW handheld microphones, ready for use.

6. **Assemble Microphone Stands:** Assemble the two tripod microphone stands. Attach the MZQ 1 microphone clips to the stands. Secure the handheld microphones into the clips.



Image: A black tripod microphone stand with an adjustable boom arm.

7. **Power On and Scan:** Power on the receiver and then each handheld transmitter. Press the **SCAN** button on the receiver. The system will automatically search for available frequencies.
8. **Synchronize:** Once a clear frequency is found, press the **SYNC** button on the receiver. Then, hold the handheld transmitter close to the receiver's SYNC port and press the **SYNC** button on the transmitter (if available, or follow on-screen prompts). The receiver and transmitter will synchronize to the same frequency. Repeat for the second microphone.

OPERATING INSTRUCTIONS

Power On/Off:

- **Receiver:** Press the power button on the front panel of the receiver.

- **Transmitter:** Press and hold the power button on the handheld transmitter until the display illuminates.

Mute Function:

Each SKM XSW transmitter features a mute switch. Slide the switch to mute or unmute the microphone. The display on the transmitter will indicate the mute status.

Adjusting Volume:

Adjust the output volume of each channel using the **VOL-** and **VOL+** buttons on the receiver's front panel. Fine-tune the overall audio level using your connected audio mixer.

Channel Selection and Synchronization:

If interference occurs or you need to change channels, use the **SET SCAN** button on the receiver to find a new clear frequency. After scanning, press **SYNC** on the receiver and then on the transmitter to re-synchronize the devices.

MAINTENANCE

- **Battery Replacement:** Replace AA batteries in the handheld transmitters when the low battery indicator appears on the transmitter display. Always use fresh, high-quality batteries.
- **Cleaning:**
 - **Microphones:** Gently wipe the microphone body with a soft, dry cloth. For the microphone grille, use a soft brush to remove dust or debris. Do not use liquid cleaners directly on the grille or capsule.
 - **Receiver:** Wipe the receiver's surface with a soft, slightly damp cloth. Ensure no moisture enters the unit.
- **Storage:** When not in use for extended periods, remove batteries from the transmitters to prevent leakage. Store the system in a dry, cool place, away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid sharp bends or kinks in the XLR cables. Store them coiled loosely to prevent damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from microphone.	<ul style="list-style-type: none">• Microphone muted.• Low or dead batteries in transmitter.• Transmitter and receiver not synchronized.• Receiver not powered on.• Audio cable disconnected or faulty.• Mixer input level too low or muted.	<ul style="list-style-type: none">• Check mute switch on transmitter.• Replace batteries in transmitter.• Perform synchronization procedure (see Setup).• Ensure receiver is powered on.• Check all cable connections.• Adjust mixer input levels and ensure channel is not muted.

Problem	Possible Cause	Solution
Interference or poor sound quality.	<ul style="list-style-type: none">• Operating too close to other wireless devices.• Operating outside optimal range.• Frequency interference.	<ul style="list-style-type: none">• Relocate receiver away from other wireless devices.• Reduce distance between transmitter and receiver.• Perform a new frequency scan and synchronize (see Operating).
One microphone not working when both are connected to a mixer.	<ul style="list-style-type: none">• Incorrect mixer input configuration.• Faulty XLR cable or mixer input.• Synchronization issue with one channel.	<ul style="list-style-type: none">• Ensure each receiver output is connected to a separate, active input channel on the mixer.• Test with different XLR cables or mixer inputs.• Re-synchronize the problematic microphone with its corresponding receiver channel.

SPECIFICATIONS

Model Name	XSW 1-825 DUAL-A
Brand	Sennheiser
Microphone Form Factor	Microphone System (Handheld)
Power Source	Battery Powered (Transmitters), AC Adapter (Receiver)
Number of Batteries	4 AA batteries required (2 per transmitter)
Material	Alloy Steel (Microphone body, stand)
Number of Channels	2 (Dual-channel receiver)
Frequency Response	548 to 572 MHz (A-band)
Item Weight	Approximately 16.81 pounds (total package)
Connectivity Technology	XLR (Receiver output)
Polar Pattern	Unidirectional (Microphone capsule)
Recommended Uses	Live Vocals (Duets / Two Singers)

WARRANTY INFORMATION

The Sennheiser XSW 1-825 Dual-A Channel Wireless Microphone System comes with a **2-Year Limited Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official Sennheiser website.

SUPPORT

For technical assistance, product inquiries, or service requests, please contact Sennheiser customer support. You can find contact information, FAQs, and additional resources on the official Sennheiser website:

[Sennheiser Support Website](#)

When contacting support, please have your product model number (XSW 1-825 Dual-A) and serial number (if applicable) ready.