

Sennheiser 508762

Sennheiser EW-D SKM-S BASE SET (R4-9) Digital Wireless System Instruction Manual

Model: 508762

INTRODUCTION

The Sennheiser EW-D SKM-S BASE SET (R4-9) is a versatile and feature-rich digital wireless system designed for vocalists and speakers. This system provides seamless product pairing and management through the EW-D Smart Assist App, ensuring reliable performance for daily use on stage or in professional environments. Its robust metal housing ensures durability.

Key features include:

- Digital wireless technology to eliminate noise, interference, and static bursts.
- UHF transmission for enhanced range, reliability, and scalability.
- A mobile application (Smart Assist App) to streamline setup and operation, simplifying complex menu navigation.
- Automated setup for quick and reliable connections.
- 56 MHz bandwidth, supporting up to 90 channels for flexible operation.

SETUP

Follow these steps to set up your Sennheiser EW-D SKM-S BASE SET:

1. **Unpacking and Inspection:** Carefully unpack all components. Ensure the package contains the EW-D EM receiver, EW-D SKM-S handheld transmitter, microphone clip, power supply, antenna, rackmount kit, and two AA batteries.
2. **Receiver Placement:** Position the EW-D EM receiver in a stable location, ensuring clear line-of-sight to the transmitter and away from potential sources of interference.
3. **Antenna Connection:** Attach the two included antennas to the antenna connectors on the rear of the EW-D EM receiver.
4. **Power Connection:** Connect the power supply to the receiver's power input and plug it into an appropriate power outlet.
5. **Audio Output Connection:** Connect the receiver's XLR audio output to your mixing console, audio

interface, or amplifier using a standard XLR cable.

6. **Transmitter Battery Installation:** Open the battery compartment of the EW-D SKM-S handheld transmitter. Insert the two AA batteries, observing the correct polarity.
7. **Powering On:** Power on the receiver and then the handheld transmitter. The receiver display should illuminate.
8. **Initial Pairing (Sync):** The system is designed for automated setup. For initial pairing or if connection is lost, use the Smart Assist App or the receiver's sync function to establish a connection between the receiver and transmitter.



Image: The Sennheiser EW-D SKM-S BASE SET, showing the digital wireless receiver and handheld microphone transmitter.

OPERATING

Once set up, operating your EW-D SKM-S BASE SET is straightforward:

1. **Power On/Off:** Press and hold the power button on both the receiver and transmitter to turn them on or off.
2. **Gain Adjustment:** Adjust the input gain on the receiver to prevent clipping and ensure optimal audio levels. This can often be done via the receiver's menu or the Smart Assist App.
3. **Frequency Management:** The system automatically finds the clearest frequencies. If interference occurs, use the receiver's scan function or the Smart Assist App to find and assign new frequencies. The 56 MHz bandwidth allows for a wide selection of up to 90 channels.
4. **Smart Assist App:** Download and install the Sennheiser Smart Assist App on your mobile device. Connect to your EW-D system via Bluetooth for remote control, monitoring, and advanced configuration. The app simplifies frequency coordination, channel naming, and system status checks.
5. **Monitoring:** Use the receiver's display to monitor battery status, signal strength, and audio levels.



Image: The Sennheiser Smart Assist App interface, demonstrating remote control and monitoring capabilities for the wireless system.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your wireless system:

- **Battery Replacement:** Replace the AA batteries in the handheld transmitter when the battery indicator shows low power. Always use fresh, high-quality alkaline batteries for best performance.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the receiver and transmitter. For the microphone grille, gently wipe with a slightly damp cloth and ensure it is completely dry before use. Avoid using abrasive cleaners or solvents.
- **Storage:** When not in use, store the system in a dry, cool place, away from direct sunlight and extreme temperatures. Remove batteries from the transmitter if storing for extended periods to prevent leakage.
- **Handling:** The transmitter features a robust metal housing, but avoid dropping or subjecting it to excessive impact to prevent damage to internal components.

TROUBLESHOOTING

If you encounter issues with your Sennheiser EW-D SKM-S BASE SET, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound or low audio output	Transmitter off, low battery, incorrect gain, receiver not connected, frequency mismatch.	Ensure transmitter is on and batteries are fresh. Check receiver's gain settings. Verify XLR cable connection. Resync transmitter and receiver frequencies.
Interference or static noise	Conflicting radio frequencies, obstacles blocking signal, excessive distance.	Perform a frequency scan on the receiver or via the Smart Assist App to find a clear channel. Ensure clear line-of-sight between transmitter and receiver. Reduce operating distance.
Transmitter not pairing with receiver	Incorrect sync procedure, transmitter out of range, receiver in a different mode.	Initiate the sync process on both devices (refer to the Smart Assist App for guidance). Ensure transmitter is within range. Check receiver's operating mode.

Problem	Possible Cause	Solution
Short battery life	Old or low-quality batteries, continuous use.	Use new, high-quality alkaline batteries. Consider rechargeable batteries if supported by the device and manufacturer.

SPECIFICATIONS

Detailed technical specifications for the Sennheiser EW-D SKM-S BASE SET (R4-9):

Feature	Detail
Model Number	508762
Item Weight	6.17 pounds
Product Dimensions	16.3 x 14.75 x 3.15 inches
Compatible Devices	Audio Player, DJ Mixer, Instrument, Microphone, Other Auxiliary Equipment
Connector Type	XLR
Material Type	Metal
Battery Type (Transmitter)	Alkaline (AA)
Power Source	Battery Powered (Transmitter), AC Adapter (Receiver)
Frequency Band	R4-9 (Specific UHF range)
Bandwidth	56 MHz
Max Channels	Up to 90

WARRANTY INFORMATION

Warranty details for the Sennheiser EW-D SKM-S BASE SET (R4-9) are typically provided with the product packaging or can be found on the official Sennheiser website. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the documentation included with your product or visit the manufacturer's support page.

SUPPORT

For further assistance, technical support, or to download the latest version of the Smart Assist App, please visit the official Sennheiser website:

[Visit the Sennheiser Store](#)

You can also find FAQs and contact information for customer service on their website.

