

Sennheiser RS 175

Sennheiser RS 175 RF Wireless Headphone System User Manual

Model: RS 175

1. INTRODUCTION

The Sennheiser RS 175 RF Wireless Headphone System is designed to provide an immersive audio experience for your home entertainment. Featuring digital wireless technology, it delivers clear and accurate sound without the constraints of cables. The ergonomic, closed-back, over-ear design ensures comfort and reduces external noise, allowing you to enjoy your favorite music, TV shows, or movies without disturbing others. This system includes the headphones and a charging station.

2. SETUP

2.1 Unpacking

Carefully remove all components from the packaging. The system includes:

- Sennheiser RS 175 Headphones
- Charging Station / Transmitter
- Power Supply Unit
- Audio Cables (Optical and Analog)
- Rechargeable AAA Batteries (2x)

2.2 Connecting the Transmitter

The transmitter serves as both the signal source and the charging station for your headphones. Connect it to your audio source (e.g., TV, audio receiver) using either the optical or analog audio cable.

Optical Connection (Recommended for Digital Audio)

1. Connect one end of the optical audio cable to the optical output port on your TV or audio source.
2. Connect the other end of the optical audio cable to the optical input port on the RS 175 transmitter.
3. Ensure your TV's audio output settings are configured to PCM (Pulse-Code Modulation) for the optical output. Refer

to your TV's manual for specific instructions.

Analog Connection (3.5mm Jack)

1. Connect the 3.5mm audio cable to the headphone jack or analog audio output on your TV or audio source.
2. Connect the other end of the 3.5mm audio cable to the analog input port on the RS 175 transmitter.

Finally, connect the power supply unit to the transmitter and plug it into a wall outlet.

2.3 Charging the Headphones

Before first use, fully charge the headphones. Insert the supplied rechargeable AAA batteries into the headphone earcups, ensuring correct polarity. Place the headphones onto the charging station as shown in the image below. The charging indicator light on the transmitter will show the charging status (e.g., red for charging, green for fully charged).



Sennheiser RS 175 headphones on the charging station. Ensure proper placement for charging.

A full charge typically takes approximately 18 hours. Once fully charged, the headphones provide up to 18 hours of battery

life.

3. OPERATING THE HEADPHONES

The main controls for the RS 175 headphones are conveniently located on the right earcup.





Detailed view of the control buttons on the right earcup.

3.1 Power On/Off

To power on the headphones, press and hold the power button located on the earcup until the indicator light illuminates. To power off, press and hold the same button until the light turns off.

3.2 Volume Control

Adjust the listening volume using the volume up (+) and volume down (-) buttons on the right earcup. These controls allow you to set your preferred audio level independently of the source device's volume.

3.3 Sound Modes (Bass Boost & Surround Sound)

The RS 175 offers enhanced listening modes:

- **Bass Boost:** Press the 'BASS' button to activate or deactivate the bass boost feature, which enhances low-frequency sounds for a richer audio experience.
- **Surround Sound:** Press the 'SURR' button to cycle through different surround sound modes (e.g., off, low, high). This feature creates a more spacious and immersive soundstage, ideal for movies and games.

4. MAINTENANCE AND CARE

Proper care will extend the life and performance of your Sennheiser RS 175 headphones.

- **Cleaning:** Use a soft, dry cloth to clean the headphones and charging station. Do not use liquid cleaners or solvents.
- **Moisture:** Do not expose the headphones or transmitter to moisture. Avoid using them in humid environments or near water.
- **Battery Care:** For optimal battery life, fully charge the headphones regularly. If storing for an extended period, ensure they are fully charged before storage and recharge them every few months.
- **Storage:** Store the headphones on the charging station when not in use to keep them charged and ready.

5. TROUBLESHOOTING

If you encounter issues with your Sennheiser RS 175 system, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
No sound from headphones	Headphones not powered on or charged; Transmitter not connected or powered; Incorrect audio output settings on source device.	Ensure headphones are charged and powered on. Verify transmitter is plugged in and connected to audio source. Check TV/audio source settings (e.g., set optical output to PCM).

Problem	Possible Cause	Solution
Poor sound quality or static	Interference; Out of range; Low battery.	Move closer to the transmitter (max range up to 100m, but can vary). Ensure no strong wireless interference sources nearby. Recharge headphones.
Headphones feel uncomfortable or tight	New headphones require a break-in period.	The padding may soften with regular use. Continue using the headphones; comfort should improve over time.
Buttons on earcup are hard to distinguish by touch	Ergonomic design may require familiarization.	Familiarize yourself with button placement through repeated use. Some users apply small tactile markers (e.g., felt dots) to differentiate buttons.

6. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	RS 175
Connectivity Technology	RF (Radio Frequency)
Wireless Communication Technology	Kleer, RF
Frequency Response	17 Hz - 22 kHz
Maximum Sound Pressure Level	114 dB at 1kHz, 3% THD
Total Harmonic Distortion (THD)	<0.5% at 1 kHz, 100 dB SPL
Range	Up to 100 m (328 ft)
Battery Life	18 Hours
Charging Time	18 Hours
Headphones Jack	3.5 mm Jack (for analog input to transmitter)
Earpiece Shape	Over Ear
Item Weight	0.68 Pounds (approx. 10.9 ounces)
Product Dimensions	9.3 x 5.9 x 11.6 inches
Material	Plastic
Color	Black
UPC	615104338531

7. WARRANTY AND SUPPORT

For detailed warranty information and further support, please refer to the official user manual PDF available online or contact Sennheiser customer service.

You can access the comprehensive User Manual (PDF) via this link: [Sennheiser RS 175 User Manual](#)

Protection plans may also be available for extended coverage. Please check with your retailer for details on available protection plans.

