

Sennheiser RS120

Sennheiser RS120 II On-Ear Wireless RF Headphones with Charging Cradle

Instruction Manual

1. PRODUCT OVERVIEW

The Sennheiser RS 120 II is a lightweight RF wireless headphone system designed for use with TV and Hi-Fi audio systems. It features open, supra-aural headphones that deliver a transparent, well-balanced sound with excellent bass reproduction. The system provides wireless freedom with reception through walls and ceilings up to 300 feet (approximately 100 meters).

The transmitter unit also functions as a convenient charging cradle for the headphones, ensuring they are always ready for use. Controls for volume, power, and tuning are located directly on the headphones for intuitive operation.



Ideal for TV & Hi-Fi



**Superior Sound
Quality**

Image: Sennheiser RS120 II headphones resting on their charging cradle, highlighting their design and purpose for TV and Hi-Fi use.

2. SETUP

2.1 What's in the Box

- 1 x HDR 120 RF wireless headphones
- 1 x TR 120 RF wireless transmitter/charging unit (audio cable attached)
- 1 x Transmitter power cable
- 2 x AAA NiMH rechargeable batteries
- 1 x RCA to 1/8" audio adapter
- 1 x 1/8" to 1/4" audio adapter
- Instructions for use

2.2 Connecting the Transmitter

Connect the TR 120 transmitter to your audio source (e.g., TV, Hi-Fi system, desktop, laptop, gaming console) using the attached audio cable. Use the provided RCA to 1/8" or 1/8" to 1/4" audio adapters as needed for compatibility with your device's audio output (RCA jack or headphone out).

2.3 Charging the Headphones

Insert the two AAA NiMH rechargeable batteries into the HDR 120 headphones. Place the headphones onto the metal cradle of the TR 120 transmitter. The transmitter doubles as a charging unit, and the headphones will begin recharging when properly seated. Ensure the transmitter is connected to power via its power cable.



Multi-purpose transmitter



100 m
range



Easy-charge
cradle

Image: The Sennheiser RS120 II transmitter, highlighting its dual function as a charging unit and its 100m range capability.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

Locate the ON/OFF switch on the headphones. Slide the switch to the 'ON' position to power on the headphones. Slide it to 'OFF' when not in use to conserve battery life.

3.2 Volume Control

Adjust the listening volume using the 'VOLUME' control wheel located on one of the headphone earcups. Rotate it up (+) to increase volume or down (-) to decrease volume.

3.3 Tuning Control

The headphones feature a 'TUNE' control wheel. If you experience static or interference, rotate this wheel to fine-tune the reception and find the clearest signal. The transmitter also has a 3-position switch to select different channels, which can help in environments with multiple RF devices.



Take Control



**Convenient
Controls**



**Power
On/Off**

Image: A close-up view of the volume and tune controls on the Sennheiser RS120 II headphones, demonstrating ease of access.

3.4 Wireless Range

The RF wireless technology allows for interference-free reception through walls, ceilings, and outdoors up to 300 feet (approximately 100 meters) from the transmitter. Optimal range may vary depending on environmental factors and obstacles.

4. MAINTENANCE

4.1 Earpad Replacement

The earpads on the HDR 120 headphones are replaceable, contributing to a long service life for the product. Refer to the detailed instructions in the included 'Instructions for use' manual for guidance on how to replace them.

4.2 Battery Care

The headphones use AAA NiMH rechargeable batteries. For optimal battery life, always place the headphones on the charging cradle when not in use. Avoid fully discharging the batteries frequently.

5. TROUBLESHOOTING

- **No Sound or Static:**

- Ensure the transmitter is powered on and its green LED is illuminated, indicating a signal is being sent.
- Verify that the audio cable is securely connected from the transmitter to your audio source.
- Check the volume level on both the headphones and your audio source.
- Use the 'TUNE' control wheel on the headphones to find a clear frequency.
- If interference persists, try changing the 3-position channel switch on the transmitter.

- **Headphones Not Charging:**

- Ensure the headphones are correctly seated on the charging cradle, making proper contact with the charging pins.
- Verify the transmitter's power cable is securely connected to a working power outlet.
- Check if the charge indicator light on the transmitter is illuminated (usually red) when headphones are placed on it.

- **Limited Range:**

- Ensure the transmitter is placed in an open area, away from large metal objects or other electronic devices that may cause interference.
- Try adjusting the transmitter's position or orientation.

6. SPECIFICATIONS

Feature	Specification
Model Name	RS120
Connectivity Technology	Wireless (RF)
Wireless Communication Technology	RF
Headphones Jack	RCA
Earpiece Shape	On-Ear
Battery Life	20 Hours
Item Weight	200 Grams (7.1 ounces)
Product Dimensions	12.25 x 8.75 x 5.5 inches
Supports Bluetooth Technology	No

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The Sennheiser RS120 II headphones come with a 2-year warranty. Please retain your proof of purchase for warranty claims.

7.2 Legal Disclaimer

For sale AS IS. This is a used item, which is currently in working condition.

8. PRODUCT VIDEOS

Sennheiser RS120 On-Ear Wireless RF Headphones with Charging Cradle

Video: An official merchant video showcasing the Sennheiser RS120 On-Ear Wireless RF Headphones and their charging cradle, demonstrating key features and components.