

Sennheiser RS 110 II

Sennheiser RS 110 II On-Ear Headphone User Manual

Model: RS 110 II

INTRODUCTION

The Sennheiser RS 110 II is an open, supra-aural, wireless RF headphone system designed for detailed, warm sound reproduction with strong bass. It offers wireless freedom with reception through walls and ceilings, providing a range of up to 100 meters. This system is suitable for various audio applications, including modern music and television viewing. The headphones feature convenient volume and tuning controls directly on the earcup, ensuring a comfortable and lightweight listening experience.



Image: User enjoying the Sennheiser RS 110 II headphones.

PACKAGE CONTENTS

Please check the package contents to ensure all components are present:

- Sennheiser RS 110 II On-Ear Headphones (HDR 110 II)
- TR 110 II Transmitter with charging cradle
- Power supply unit for transmitter
- Audio connection cable (3.5 mm jack to 2x RCA)
- Two AAA batteries (rechargeable recommended)
- Instruction Manual (this document)



Image: The Sennheiser RS 110 II headphone and transmitter unit.



Image: The retail packaging for the Sennheiser RS 110 II system, showing included components.

SETUP

1. Connecting the Transmitter (TR 110 II)

- Power Connection:** Connect the power supply unit to the transmitter's power input and then plug it into a wall outlet.
- Audio Source Connection:** Connect the audio connection cable from the transmitter's audio input to the audio output of your desired source (e.g., TV, stereo system, computer). Use the appropriate adapter if your source requires RCA inputs.



Image: The Sennheiser TR 110 II transmitter unit with its audio cable.



Image: The power supply unit for the Sennheiser TR 110 II transmitter.

2. Inserting Batteries into Headphones (HDR 110 II)

Open the battery compartment on the headphones and insert the two AAA batteries, observing the correct polarity (+/-). Close the compartment securely.

3. Initial Pairing and Tuning

For optimal performance and to establish a clear audio connection, follow these steps carefully:

- Ensure your audio source (e.g., TV) is turned on and playing audio.
- Set the volume of your audio source to its maximum level. This is crucial for the transmitter to detect a strong signal.
- Turn on the headphones using the power button.
- Observe the transmitter. The green "ON/OFF" light will illuminate only when it receives a proper audio signal from your source. If it does not light up, recheck your audio connections and source volume.
- On the headphones, use the "Tune" button or the tuning control on the transmitter to find a clear signal. Adjust until you hear crystal-clear audio without static or interference.
- Once a clear signal is established and the green light on the transmitter is solid, you can adjust the volume on your audio source and headphones to your preferred listening level.

Note: The transmitter's green light indicates a strong audio signal is being received and transmitted. Without a sufficient input signal, the light may not activate, and the headphones will not receive audio.

OPERATING INSTRUCTIONS

Powering On/Off

- To turn on the headphones, press and hold the power button located on the earcup until the indicator light illuminates.
- To turn off the headphones, press and hold the power button again until the indicator light turns off.
- The transmitter will automatically turn off after a few minutes if no audio signal is detected from the source.

Volume Control

Adjust the listening volume using the rotary control located on the right earcup of the headphones. For best sound quality, ensure the audio source volume is set to a moderate to high level before adjusting the headphone volume.

Tuning for Optimal Reception

If you experience static or interference, use the "Tune" button on the headphones or the channel selector on the transmitter to find a clearer frequency. The system operates on multiple RF channels to minimize interference.

Wireless Range

The RS 110 II system offers a wireless range of up to 100 meters (approximately 328 feet) in open spaces. Performance may vary depending on environmental factors such as walls, ceilings, and other electronic devices.

MAINTENANCE

Cleaning

- Wipe the headphones and transmitter with a soft, dry cloth.
- Do not use liquid cleaners or solvents, as they may damage the surface.

Battery Care

- The headphones use AAA batteries. For continuous use, rechargeable AAA batteries are highly recommended.
- To charge rechargeable batteries, place the headphones on the transmitter's charging cradle. Ensure the charging contacts align correctly.
- If using non-rechargeable batteries, remove them when not in use for extended periods to prevent leakage.

Ear Cushion Replacement

Ear cushions are subject to wear and tear over time. Replacement ear cushions can be purchased from authorized Sennheiser retailers or service centers to maintain comfort and hygiene.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or very low sound	<ul style="list-style-type: none"> • Transmitter not powered on or not receiving audio signal. • Audio source volume too low. • Headphones not turned on or batteries depleted. • Incorrect audio cable connection. 	<ul style="list-style-type: none"> • Ensure transmitter power light is green. Increase audio source volume to maximum during initial setup. • Check all audio cable connections. • Turn on headphones and ensure batteries are charged.
Static, buzzing, or interference	<ul style="list-style-type: none"> • Interference from other electronic devices. • Out of range or obstacles blocking signal. • Incorrect tuning. 	<ul style="list-style-type: none"> • Adjust the "Tune" button on the headphones or the channel selector on the transmitter to find a clearer frequency. • Move closer to the transmitter or remove obstacles. • Ensure the transmitter is not placed too close to other strong RF sources.
Poor sound quality (e.g., weak bass)	<ul style="list-style-type: none"> • Audio source equalizer settings. • Low quality audio input. 	<ul style="list-style-type: none"> • Adjust bass/treble settings on your audio source (e.g., TV equalizer, PC audio settings). • Ensure you are using a high-quality audio source.
Headphones not charging	<ul style="list-style-type: none"> • Headphones not correctly placed on charging cradle. • Transmitter not powered. • Batteries are not rechargeable or are faulty. 	<ul style="list-style-type: none"> • Ensure headphones are properly seated on the charging contacts. • Verify the transmitter is powered on. • Use only rechargeable AAA batteries. Replace old batteries if they no longer hold a charge.

SPECIFICATIONS

Feature	Detail

Feature	Detail
Model Name	RS 110 II
Connectivity Technology	RF (Radio Frequency)
Wireless Communication Technology	RF
Headphone Type	Open, Supra-aural (On-Ear)
Audio Driver Type	Dynamic Driver
Control Type	Volume Control, Tuning Control
Wireless Range	Up to 100 meters
Item Weight	230 grams
Product Dimensions	11 x 8.5 x 13.3 cm
Batteries	2 x AAA (rechargeable recommended)
Signal-to-noise ratio (dB)	65 dB
Material	Plastic
Color	Black

WARRANTY AND SUPPORT

The Sennheiser RS 110 II On-Ear Headphone system comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures reliable operation under normal use. For warranty claims, technical support, or service inquiries, please contact your local authorized Sennheiser service center or visit the official Sennheiser website for further assistance. Please retain your proof of purchase for warranty validation.