

# RI 900 amplifier & infrared receiver

## FEATURES

- Receives high audio quality on carrier frequencies 2,3 MHz, 2,8 MHz and 95 kHz
- Suitable for mono and stereo application
- Two switchable microphones for boosting surrounding sound
- Automatic on/off when put on/off
- Moveable ear pads guarantee high wearing comfort
- Balance control left/right
- Ergonomic volume control
- Foldable for easy transport
- Lithium polymer battery for 12 hours of permanent operation

The RI 900 is the all-rounder amongst the Sennheiser receivers. It is not only an infrared receiver, but also a mobile sound amplifier. Whether in company or out and about, the two activatable microphones help you understand and discern conversations and ambient sounds better. In theatres and concert halls with infrared transmission you can adjust the volume to suit your own individual taste and enjoy the performance in optimum sound quality.



## ARCHITECT'S SPECIFICATIONS

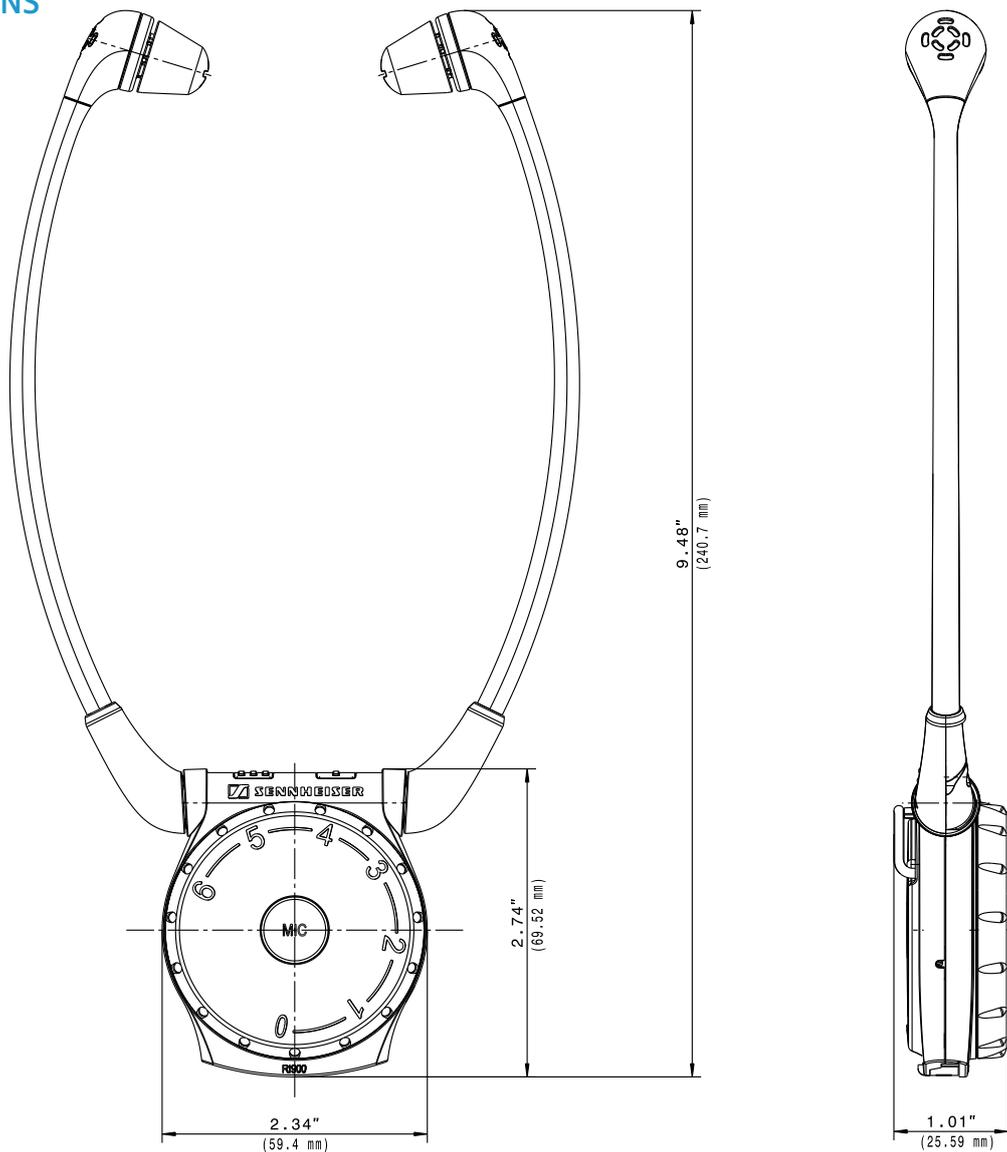
The wideband infrared stetho receiver shall be capable of receiving on two carrier frequencies of 2.3 and 2.8 MHz, and on 95 kHz (switchable). The receiver shall provide stereo audio output mode, and shall include a balance control that attenuates the volume level either on the left or the right side. The volume control shall be easy to access for fingertip control. The audio frequency response shall range from 50 Hz to 16 kHz, achieving a maximum sound pressure level of 125 dB and less than 1% THD at 1 kHz with a S/N ratio of 75dBA. The receiver shall also include two engagable microphones that, in conjunction with the internal amplifier, amplify surrounding ambient sounds when not being used with infrared transmission systems such as those found in theaters and concert halls (infrared reception is defeated during microphone use). The receiver shall be foldable for easy transport. The receiver shall include a rechargeable lithium polymer battery providing 12 hours of operating time at full charge. The weight including the battery shall not exceed 2.6oz (73g). The battery shall be Sennheiser BA 300, the receiver shall be Sennheiser RI 900.

## TECHNICAL DATA

Modulation:.....FM, stereo  
Receiving frequencies:.....2.3/2.8 MHz, 95 kHz  
Frequency response: .....50 - 16,000 Hz  
Max. sound pressure level (at 1kHz).....125 dB  
Total harmonic distortion (at 1kHz):.....< 1 %  
Signal-to-noise ratio:.....typ. 75 dBA  
Operating time:.....up to 12 h  
Charging time:.....approx. 3 h  
Weight incl. battery: .....approx. 73 g  
Delivery includes:.....RI 900 receiver  
BA 300 rechargeable battery  
2 alternative pairs of ear pads  
manual

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### DIMENSIONS



### PRODUCT VARIANTS

RI 900	Cat. No. 502023
HDI 830	Cat.No. 502019
RI 830 S	Cat. No. 502021

### RECOMMENDED ACCESSORIES

BA 300 spare battery	Cat.No. 500898
Ear pads (silicone, black), 5 pairs	Cat.No. 528123
Ear pads (silicone, transparent), 5 pairs	Cat.No. 528124
Ear pads (foam, black), 5 pairs	Cat.No. 528125
Transport case	Cat.No. 528126
L 300 10-10 charger	Cat.No. 502710

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