

# RI 830 S infrared receiver

## FEATURES

- Infrared wideband receiver
- Ideal for use with hearing aids and headphones (3.5mm jack plug)
- Excellent signal transmission due to carrier frequencies 2,3 / 2,8 MHz
- Suitable for stereo or mono applications
- Balance control left/right
- Ergonomic volume control
- Lithium polymer battery for 12 hours of permanent operation

The RI 830 S professional receiver is ideal for connection with hearing aids and headphones. For a high quality audio transmission the receiver works on the carrier frequencies 2,3 MHz and 2,8 MHz. It can be used for mono and stereo applications. Ergonomic operating controls make the RI 830 S easy to use. The included BA 300 lithium polymer battery offers 12 hours of continuous use.



## ARCHITECT'S SPECIFICATIONS

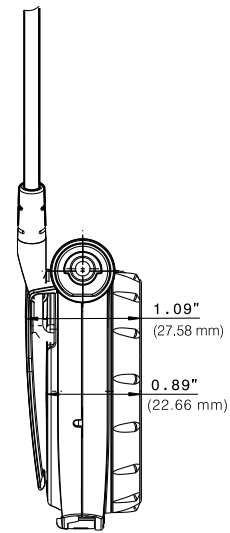
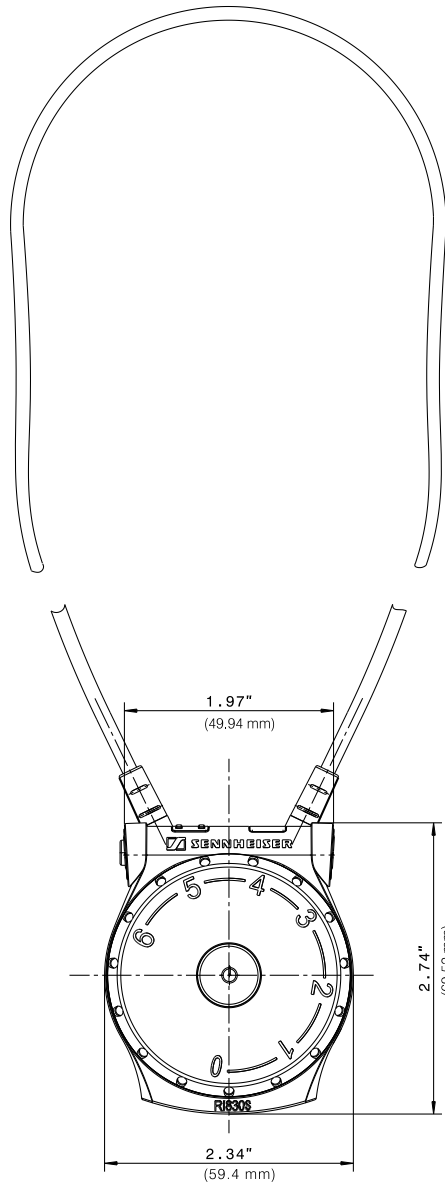
The wideband infrared bodypack receiver shall be capable of receiving on two carrier frequencies of 2.3 and 2.8 MHz. The receiver shall provide a 3.5 mm jack for connection of headphones and shall provide an integral induction loop for operation with electronic telecoil-equipped hearing aids. The receiver shall provide two audio output operating modes, mono or stereo, 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 less than 1% THD at 1 kHz with a S/N ratio of 75 dBA. 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 2.12oz (60g). The battery shall be Sennheiser BA 300, the receiver shall be Sennheiser RI 830 S.

## TECHNICAL DATA

Modulation:.....FM, stereo  
Receiving frequencies:.....2.3/2.8 MHz  
Frequency response: .....50 - 16,000 Hz  
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. 50 g  
Delivery includes:.....RI 830 S receiver  
BA 300 rechargeable battery  
lanyard  
clip  
manual

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## DIMENSIONS



## PRODUCT VARIANTS

RI 830 S	Cat. No. 503917
HDI 830	Cat. No. 503918
Ri 900	Cat. No. 502023

## RECOMMENDED ACCESSORIES

BA 300 spare battery	Cat.No. 500898
EZT 3011 induction loop	Cat.No. 502566
EZT 3012 induction loop	Cat.No. 504061
EZI 120 induction coupler	Cat.No. 003448
Lanyard	Cat.No. 528185
Clip	Cat.No. 528184
L 300 10-10 charger	Cat.No. 502710

Sennheiser electronic GmbH & Co. KG  
Am Labor 1, 30900 Wedemark, Germany  
[www.sennheiser.com](http://www.sennheiser.com)