

RI 830 S Infrared receiver

FEATURES

- Infrared wideband receiver
- Ideal for use with hearing aids and headphones (3.5 mm 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 up to 12 hours of permanent operation

The RI 830 S professional receiver is ideal for connection with hearing aids and headphones. For a high quality signal transmission the receiver works on the carrier frequencies 2.3 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 up to 12 hours continuous battery life.



ARCHITECT'S SPECIFICATIONS

The device shall be a portable infrared (IR) mono or stereo wideband receiver. The infrared receiver shall be for use with a companion infrared transmitter as part of a wireless IR transmission system. The infrared transmission shall utilize frequency modulation (FM) technology, switchable between receiving frequencies 2.3 MHz and 2.8 MHz. The receiver shall utilize a lanyard for neck-worn use; a 3.5 mm audio socket shall provide a connection for compatible headphones; alternatively the receiver shall function with telecoil-equipped hearing aids through the connection of an optional induction loop connected to the headphone socket. Audio frequency response shall be 50 – 16,000Hz; total harmonic distortion (THD) shall be <1.0%. Signal-to-noise ratio shall be at 75 dB(A) (typical). The receiver shall include volume (level) and left/right balance controls. Output shall be switchable between mono or stereo audio operation. Power shall be supplied to the portable receiver by one Sennheiser BA 300 rechargeable battery pack.

Continued on page 2

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 dB(A)
Operating time:up to 12 h
Charging time:approx. 3 h
Weight incl. battery:.....approx. 50 g

DELIVERY INCLUDES

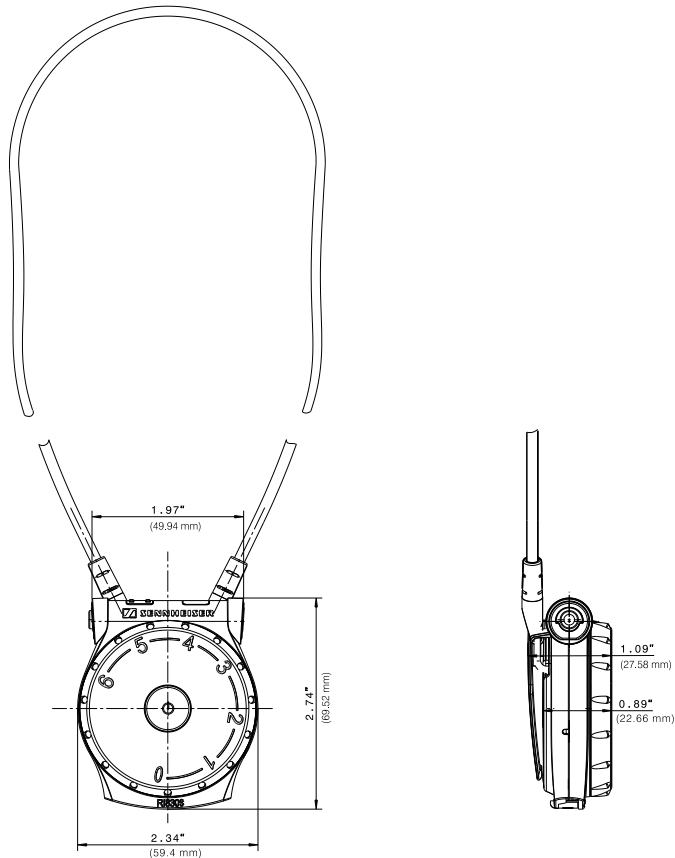
- 1 RI 830 S receiver
- 1 BA 300 rechargeable battery
- 1 lanyard
- 1 carry clip
- 1 manual

RI 830 S Infrared receiver

ARCHITECT'S SPECIFICATIONS

Operating time shall be up to 12 hours. Battery charging time shall be approximately 3 hours. The receiver overall dimensions shall be approximately 2.34" x 2.74" (59.4 x 69.52 mm). Weight including battery shall be approximately 1.76 oz (50 grams). The portable infrared (IR) receiver shall be Sennheiser model RI 830 S.

DIMENSIONS



PRODUCT VARIANTS

502021	RI 830 S
502019	HDI 830

RECOMMENDED ACCESSORIES

BA 300 rechargeable battery	Cat.No. 500898
L 300 10-10 charger	Cat.No. 502710
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
Carry Clip	Cat.No. 528184

Sennheiser electronic GmbH & Co. KG
Am Labor 1, 30900 Wedemark, Germany
www.sennheiser.com

