

RR 840

RF receiver

FEATURES

- RF stereo signal reception
- Automatic channel search tuning control on the receiver (auto-tuning)
- Signal reception even through walls
- Automatic on/off when put on/removed
- Balance control left/right
- Ergonomic volume control
- Moveable ear pads and low weight for great wearing comfort
- Lithium polymer battery for up to 9 hours of continuous operation

The RR 840 is a robust RF receiver offering a high quality audio reception. The sound can be individually optimized by a balance and a volume control. For easy use, the controls are ergonomically designed. The included lithium polymer battery allows up to 9 hours of continuous use.



ARCHITECT'S SPECIFICATIONS

The device shall be a portable radio frequency (RF) stereo receiver. The RF receiver shall be for use with a companion RF transmitter as part of a wireless RF transmission system. The RF transmission shall utilize frequency modulation (FM) technology within an RF frequency range of 863.0 MHz and 865.0 MHz (between 925.8 MHz and 927.8 MHz for US version); an automatic channel search tuning function (auto-tuning) shall be provided. The receiver shall incorporate stethoscope-style earphones for head-worn use; maximum sound pressure level at 1 kHz shall be 125 dB_{sp} when worn. Audio frequency response shall be 50 – 16,000 Hz; total harmonic distortion (THD) shall be <1.0%. Signal-to-noise ratio shall be at 70 dB(A) (typical). The receiver shall incorporate an automatic power on feature when worn by the user; auto power off shall occur upon removal of the head-worn receiver. Ear pad fit shall be self-adjusting to the user's ears to allow comfortable fit; ear pad tips shall be replaceable. The receiver shall include volume (level) and left/right balance controls.

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TECHNICAL DATA

Modulation:	FM, stereo
RF frequency range	863.0 – 865.0 MHz 925.8 – 927.8 MHz (US version)
Frequency response:	50 – 16,000 Hz
Reception range:	up to 100 m up to 100 ft. (US version)
Max. sound pressure level (at 1kHz) :	125 dB
Total harmonic distortion (at 1kHz):	< 1 %
Signal-to-noise ratio:	typ. 70 dB(A)
Operating time:	up to 9 h
Charging time:	approx. 3 h
Weight incl. battery:	approx. 68 g

DELIVERY INCLUDES

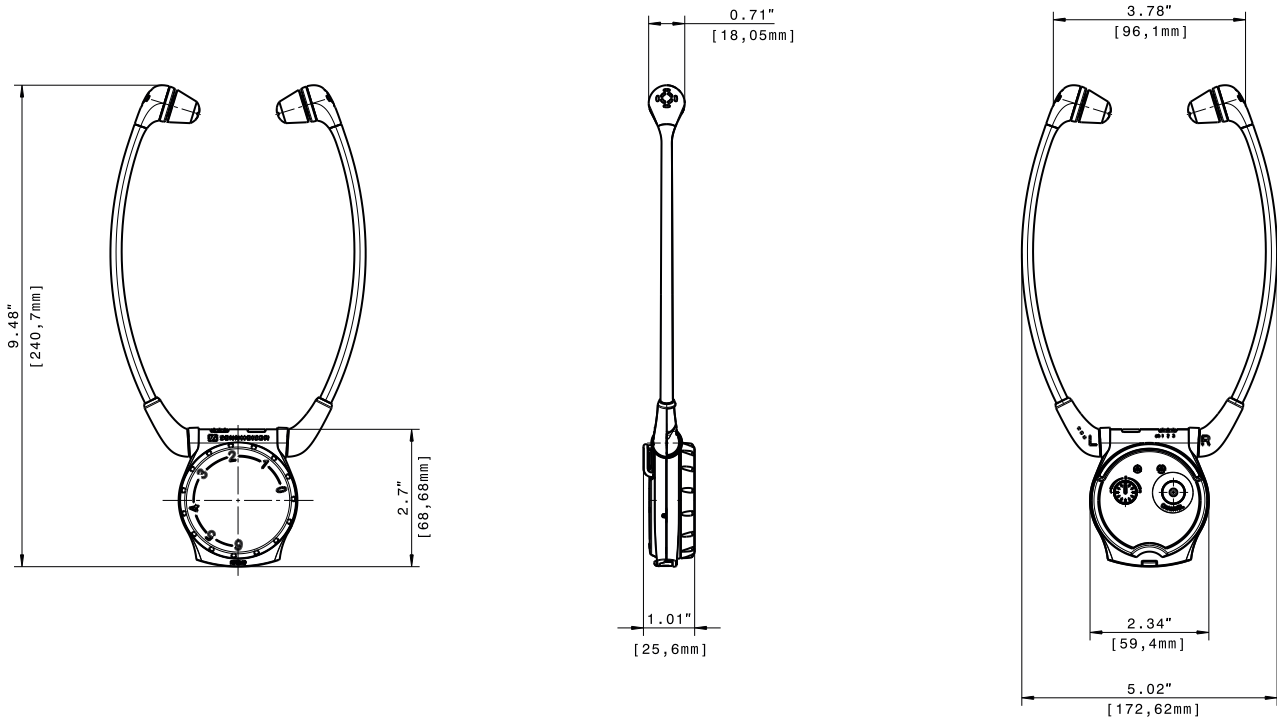
- 1 RR 840 receiver
- 1 BA 300 rechargeable battery
- 2 alternative pairs of ear pads
- 1 manual

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Power shall be supplied to the portable receiver by one Sennheiser BA 300 rechargeable battery pack. Operating time shall be up to 9 hours. Battery charging time shall be approximately 3 hours. The receiver overall dimensions shall be approximately 9.48" x 1.01" (240.7 x 25.59 mm) [overall width adjusts and varies based upon user head size]. Weight including battery shall be approximately 2.40 oz (68 grams). The portable RF receiver shall be Sennheiser model RR 840.

DIMENSIONS



PRODUCT VARIANTS

- 502025 RR 840
- 502027 RR 840-9
- 502026 RR 840 S
- 502014 RR 840 S-9

RECOMMENDED ACCESSORIES

- | | |
|---|----------------|
| BA 300 rechargeable 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 |
| L 300 10-10 charger | Cat.No. 502710 |

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