



## HDI 91 Single Channel Infrared Receiver

The HDI 91 is a single channel stethophone receiver. Its lightweight design makes it an excellent choice for use with wideband transmission systems in museums, theaters, cinemas, and churches. The HDI 91 P is an extremely lightweight wideband stethoset receiver which can be operated on 95 kHz or 250 kHz. It is supplied complete with an environmentally friendly BA 90 rechargeable battery and has a built-in squelch.

### Features—Benefits

- Extremely lightweight
- Excellent sound quality
- Built-in squelch
- High resistance to unwanted light
- Comfortable even if used for long periods
- Greater enjoyment of program material
- Eliminate unwanted noise
- Stable operation in most environments

### Technical Data

Modulation	Wideband FM
AF frequency response	50–18,000 Hz
Carrier frequency	95 kHz (P1) or 250 kHz (P2)
Distortion	< 1%
AF SNL	62 dB(A)
Max. SPL	Approx. 120 dB
Power supply	BA 90 rechargeable battery
Operating time	Approx. 11 hours
Weight	1.4 oz incl. battery pack

### Product Variants

- HDI 92 P Two-channel stereo receiver (ch. 1, ch. 2 or stereo)
- HDI 91 P1 Single-channel receiver (95 kHz)
- HDI 91 P2 Single-channel receiver (250 kHz)

### Supplied Accessories

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Rechargeable battery	BA 90
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### Required Accessories

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Charger for (1) BA 90	L 90-120
Charging units for up to ten BA 90 w/ power supply	L 92-10
Charging units for up to twenty BA 90 w/ power supply	L 92-20/NT
Carrying case and charger for (20) BA90	HC101

### Optional Accessories

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Spare rechargeable batteries	BA90
Latex replacement ear cushions, (pair)	EP405L
Transparent replacement ear cushions, (pair)	EP405L-TRA
Foam replacement ear cushions, (pair)	EP405F

### Product Compatibility

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Infrared Systems operating on 95 kHz (HDI 91-P1) or 250 kHz (HDI 92-P2)

### Architect's Specifications

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The stethophone shall be a single-channel IR receiver with the following: Wideband FM Modulation, 50–8,000 Hz AF frequency response, 95 kHz (P1) or 250 kHz (P2) Carrier frequency, < 1% Distortion, 62 dB(A) AF SNL, Approx. 120 dB Max. SPL, BA 90 battery (rechargeable) Power supply, Approx. 11 hours Operating time, 40 g (incl. battery) Weight. The stethophone shall be a Sennheiser HDI 91.