

With the evolution wireless monitor set, you are given complete control of your own performance across the entire stage.

Earphones that have been specially developed for the rigors of everyday life on tour render the singing or instrumentation exactly as it is heard in the arena.

But it is on loud rock stages that the monitor set really comes into its own. The bodypack receiver is intuitive and uncomplicated to use.

Adjusted for ambient levels, it allows you to set up your own personal volume levels.



- Sturdy metal housing
- PC-supported frequency management for transmitter and receiver
- Tunable UHF frequencies within a large switching bandwidth
- Compact diversity receiver for optimum reception
- **NEW:** Ethernet port for connecting to the Wireless Systems Manager (WSM) software for control via computer – this delivers a good overview of monitoring and professional data management for multi-channel systems
- **NEW:** Diversity receiver (integrated second antenna)
- **NEW:** Wireless synchronization of receiver via infrared interface
- **NEW:** Enhanced frequency bank with up to 16 compatible frequencies
- **NEW:** 42 MHz bandwidth → 1680 switchable frequencies
- **NEW:** Increased range for audio sensitivity with calibration function
- **NEW:** Large, illuminated dot matrix display with warning indicator
- **NEW:** More control options (menu)
- **NEW:** Enhanced AF frequency range
- **NEW:** Switchable RF output power
- **NEW:** Loop-out sockets for pass-through of audio signals
- **NEW:** Integrated 5-band graphic equalizer
- **NEW:** Receiver with adjustable limiter and HiBoost
- **NEW:** Contacts for recharging the BA 2015 accupack directly in the receiver
- 2 AA batteries for more than 8 hours of use (depending on volume)
- 4-level charge indicator for receiver battery
- HDX compander for crystal-clear sound
- Operating options: mono / stereo / focus
- Incl. earphones
- Incl. installation kit for 19" rack mounting (1 U)

Technical Data



ew 300 IEM

ew 100

Modulation	wideband FM
Frequency ranges	516–558, 566–608, 626–668, 734–776, 780–822, 823–865
Transmission/Receiving frequencies	20 channel banks, 6 fixed banks, 16 factory preset channels each
Switching bandwidth	42 MHz
Noise reduction system	Sennheiser HDX
AF frequency response	25 – 18.000 Hz
S/N ratio (at 1mV and peak deviation)	≥ 90 dBA
THD (at nominal deviation and 1 kHz)	≤ 0,9 %

EK 300 IEM

Receiver principle	Diversity
Sensitivity (with HDX, peak deviation)	<2.5 μ V at 52 dBA _{eff} S/N
Adjacent channel rejection	≥ 65 dB
Intermodulation attenuation	≥ 70 dB
Blocking	≥ 80 dB
Pilot-tone squelch	detachable
Headphone output	3.5 mm jack socket
AF output voltage (at peak deviation, 1kHz AF)	2 x 100 mW at 32 Ω
Power supply	2 AA batteries, 1.5 V
Dimensions	82 x 64 x 24 mm (3.23" x 2.52" x 0.94")
Weight	approx. 160 g (incl. batteries)
Operation time	approx. 4–6 h

SR 300 IEM

RF output power at 50 Ω	typ. 30/10 mW, switchable
Antenna output	BNC socket, 50 Ω
Headphone output	¼" (6.3 mm) stereo jack socket
Output power at headphone output	2 x 100 mW at 32 Ω
AF input	2 x XLR-3/Jack combi socket, balanced
Max. input voltage (at peak deviation, 1 kHz)	+22 dBu
Input impedance	200 k Ω // 0,65nF
Power supply	12 V DC
Max. power consumption at nominal voltage	approx. 300 mA
Dimensions	190 x 212 x 43 mm (7.48" x 8.35" x 1.69")
Weight	approx. 900 g (1.99 lbs)

IE 4

Frequency response	40 – 20.000 Hz
Max. SPL	118 dB SPL
Impedance	32 Ω

Delivery includes

- SR 300 Stereo Transmitter
- EK 300 IEM bodypack transmitter
- IE 4 ear-canal headphones
- GA 3 rack mount adapter

For recommended accessories please visit www.sennheiser.com