

## System Overview and Technical Data

### evolution wireless G2 300 IEM

Ready-to-use wireless monitoring system; additional bodypack receivers with earphones are available separately:

- **ew 300 IEM G2:** Wireless monitoring system, includes rack-mount transmitter, bodypack receiver and earphones
- **EK 300 IEM G2:** Bodypack receiver with earphones

<i>System</i>	
Frequency ranges	518–554, 626–662, 740–776, 786–822, 830–866 MHz
Transmission/receiving frequencies	1,440
Compatible frequencies per frequency bank	up to 12
Compander	HDX
AF frequency response	40 – 15,000 Hz
Signal-to-noise ratio	91 dB
Pilot tone squelch	19 kHz, stereo MPX (can be switched off)
<i>Bodypack Receiver</i>	
Scan function	bodypack receiver scans one frequency bank
Adjacent channel rejection	> 70 dB
Intermodulation attenuation	> 70 dB
Sensitivity (with HDX, at peak deviation, 52 dBA <sub>rms</sub> S/N)	< 2.5 µV
EQ preset	Hi Boost (+6 dB @ 10 kHz)
Dimensions	82 x 64 x 24 mm
Operating time (batteries/rechargeable batteries)	6 – 10 hrs, depending on volume
Weight	approx. 170 g
<i>Rack-Mount Transmitter</i>	
RF output power (50 Ω)	max. 30 mW
Max. input voltage (unbalanced, peak deviation)	approx. 2.4 V <sub>rms</sub>
Dimensions	212 x 145 x 38 mm
Weight	approx. 1100 g