




evolution wireless 300 IEM Series

RF Wireless Systems | evolution wireless 

General Description

The heart of the evolution wireless  monitoring system is the SR 300 IEM  rack-mount transmitter, which transmits the monitoring signals to the extremely compact EK 300 IEM  bodypack receiver. Designed for rugged live work, the receiver is easy to use and protected against accidental operation. The artist or the sound engineer listens via stereo earphones with skin-friendly ear-moulds. Transmitter and receiver have nine frequency banks with up to 12 directly accessible presets each – ready for immediate use.

The receiver is fitted with a special Focus mode, i. e. it can be switched from stereo reception to double mono, with one channel reserved for the mix and the other one for your own voice/instrument. The level of each channel is set by the balance control. The receiver also features a switchable audio limiter which keeps the monitoring sound at a safe level.



Technical Data

System

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
Compannder	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)



Receiver

Scan function.....	receiver scans one frequency bank
Adjacent channel rejection	> 70 dB
Intermodulation attenuation	> 70 dB
Sensitivity (with HDX, at peak deviation)	< 2.5 μ V at 52 dBA _{rms} S/N
EQ preset	Hi Boost (+6 dB @ 10 kHz)
Dimensions	82 x 64 x 24 mm
Operating time	6–10 hrs, depending on volume
Weight	approx. 170 g

Transmitter

RF output power (50 Ω)	max. 30 mW
Max. input voltage (unbalanced, peak deviation)	approx. 2.4 V _{rms}
Dimensions	212 x 145 x 38 mm
Weight	approx. 1,100 g

Optional Accessories

■ CC2 carrying case for a complete ew 300 IEM  system	Cat. No. 009826
■ BA 2015 accupack for EK 300 IEM 	Cat. No. 009950
■ L 2015 charger for BA 2015 accupack	Cat. No. 009828
■ GA 2 19" rack adaptor	Cat. No. 009823
■ AM 2 antenna mount	Cat. No. 009912
■ A 1031-U passive omni-directional antenna	Cat. No. 004645
■ A 2003-UHF passive directional antenna	Cat. No. 003658
■ AC 2 antenna combiner	Cat. No. 009822
■ NT 3 plug-in mains unit for A 2	
NT 3	Cat. No. 004863
NT 3-120	Cat. No. 004864
NT 3-UK	Cat. No. 004865

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[System overview 300 IEM](#)

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

■ ew 300 IEM

Wireless monitoring system, includes rack-mount transmitter, bodypack receiver and earphones

■ EK 300 IEM

Bodypack receiver with earphones