

EK 2000 IEM

▼ RF characteristics

Modulation	wideband FM
Receiving frequency ranges	Aw+: 470-558 MHz Gw1: 558 - 608 MHz Gw: 558 - 626 MHz GBw: 606- 678 MHz BW: 626 - 698 MHz
Receiving frequencies	up to 3,000 frequencies, tuneable in steps of 25 kHz 20 frequency banks, each with up to 32 factory-preset channels 6 frequency banks, each with up
Switching bandwidth	up to 75 MHz
Nominal/peak deviation	± 24 kHz / ± 48 kHz
Receiver principle	Adaptive-Diversity
Sensitivity (with HDX, peak deviation)	< 4 μ V, typ. 1.6 μ V for 52 dBA eff S/N
Adjacent channel rejection	typ. ≥ 80 dB
Intermodulation attenuation	typ. ≥ 78 dB
Blocking	≥ 80 dB
Squelch	Off, 5 to 25 dB μ V, in 2-dB-steps
Pilot tone squelch	can be switched off

▼ AF characteristics

Compander system	Sennheiser HDX
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S/N ratio (1 mV, peak deviation)	approx. 90 dB
THD	≤ 0,9 %
Output power at 2.4 V, 5 % THD, nominal deviatio	2 x 200 mW at 32 Ω
High Boost	+8 dB at 80 kHz
Limiter	-18 dB to -6 dB, in 3-dB-steps, can be switched off

Overall device

Temperature range	-10 °C to +55 °C
Power supply	2 batteries Typ Mignon AA 1.5 V or Akkupack BA 2015
Nominal voltage	Batteries 3 V Accupack 2.4 V
Power consumption	at nominal voltage: approx. 140 mA with switched-off receiver: ≤ 25 μA
Operating time	approx. 4 to 6 hrs (depending on volume level)
Dimensions	approx. 82 x 64 x 24 mm (3.23" x 2.52" x 0.95")
Weight (incl. batteries)	approx. 140 g (0.31 lbs)

v1.3 | 05/2026