

# Technical Data



ew 312

Presentation Set with ME 2 clip-on microphone

ew 322

Presentation Set with ME 4 clip-on microphone

## ew 300

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, 24 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)	≥ 115 dBA
THD (at nominal deviation and 1 kHz)	≤ 0,9 %

## EM 300

Receiver principle	True Diversity
Sensitivity (with HDX, peak deviation)	<2 µV at 52 dBA <sub>eff</sub> S/N
Adjacent channel rejection	≥ 75 dB
Intermodulation attenuation	≥ 70 dB
Blocking	≥ 75 dB
Pilot-tone squelch	detachable
Antenna inputs	4 BNC sockets
AF output voltage (at peak deviation, 1kHz AF)	¼" (6.3 mm) jack socket, unbalanced: +12 dBu XLR socket, balanced: +18 dBu
Power supply	12 V DC
Dimensions	202 x 212 x 43 mm (7.95" x 8.35" x 1.69")
Weight	approx. 980 g (2.16 lbs)

## SK 300

RF output power at 50 Ω	typ. 30/10mW, switchable
AF frequency response	25 – 18.000 Hz (Line) 80 – 18.000 Hz (Mic)
Max input voltage transmitter / line	3 V <sub>eff</sub>
Input impedance transmitter / line	40 kΩ, unbalanced / 1MΩ
Power supply	2 AA batteries, 1.5 V
Nominal voltage	2.4 V
Operating time	typ. 8h
Dimensions	82 x 64 x 24 mm / 3.23" x 2.52" x 0.94"
Weight	approx. 160 g (5.64 oz)

## ME 2

Transducer principle	condenser
Sensitivity	20 mV/Pa
Pick-up pattern	omni-directional
Max. SPL	130 dB SPL

## ME 4

Transducer principle	condenser
Sensitivity	40 mV/Pa
Pick-up pattern	cardioid
Max. SPL	120 dB SPL

## Delivery includes

- EM 300 rack-mount receiver
- SK 300 bodypack transmitter
- GA 3 rackmount adapter
- ME 2/ME 4 clip-on microphone

For recommended accessories please visit [www.sennheiser.com](http://www.sennheiser.com)