
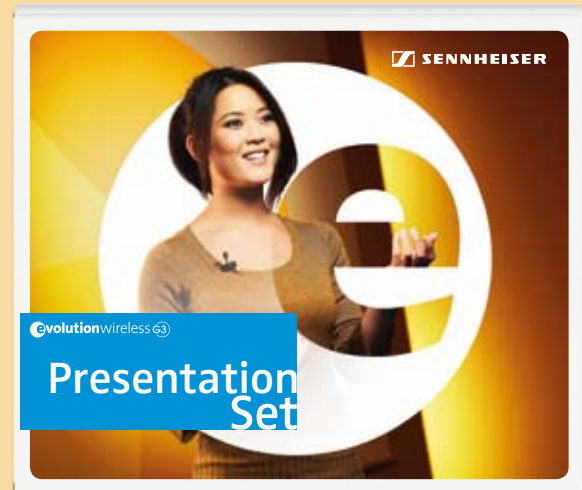


The  presentation set offers a professional quality standard that has proved itself in TV studios and on large stages alike.

For conference facilitations and presentations, the lecturer can also be heard well, even in the very last row, without having to speak louder.

The small clip-on microphone is nearly invisible. Once attached to the flexible bodypack transmitter, the cable disappears discreetly under clothing.



- Sturdy metal housing
- Automatic frequency management for transmitter and receiver
- Tunable UHF frequencies within a large switching bandwidth
- Programmable MUTE switch
- **NEW:** Wireless synchronization of transmitters via infrared interface
- **NEW:** Enhanced frequency bank management with up to 12 compatible frequencies per bank
- **NEW:** 42 MHz bandwidth → 1680 switchable frequencies
- **NEW:** Increased range for audio sensitivity
- **NEW:** Easy-to-read illuminated dot matrix display
- **NEW:** 4-level charge indicator for transmitter battery
- **NEW:** More control options (menu)
- **NEW:** Enhanced AF frequency range
- **NEW:** Soundcheck mode
- **NEW:** Integrated equalizer
- **NEW:** Contacts for recharging the BA 2015 accupack directly in the transmitter
- 2 AA batteries for more than 8 hours of use
- HDX compander for crystal-clear sound
- True diversity receiver for optimum reception
- High RF output power for large range
- Suitable for 19" rack mounting (1 U)

# Technical Data



**ew 122** Presentation Set with ME 2 clip-on microphone

**ew 122** Presentation Set with ME 4 clip-on microphone

## 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, 1 fixed bank, 12 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)	≥ 110 dBA
THD (at nominal deviation and 1 kHz)	≤ 0,9 %

## EM 100

Receiver principle	True Diversity
Sensitivity (with HDX, peak deviation)	<2,5 $\mu$ V at 52 dBA <sub>eff</sub> S/N
Adjacent channel rejection	≥ 65 dB
Intermodulation attenuation	≥ 65 dB
Blocking	≥ 70 dB
Pilot-tone squelch	detachable
Antenna inputs	2 BNC sockets
AF output voltage (at peak deviation, 1kHz AF)	1/4" (6.3 mm) jack socket, unbalanced: +12 dBu XLR socket, balanced: +18 dBu
Power supply	12 V DC
Dimensions	190 x 212 x 43 mm (7.48" x 8.35" x 1.69")
Weight	approx. 900 g (1.99 lbs)

## SK 100

RF output power at 50 Ohm	typ. 30 mW
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 k $\Omega$ , unbalanced / 1 M $\Omega$
Power supply	2 AA batteries, 1.5 V
Nominal voltage	2.4 V
Operating time	typ. 8 h
Dimensions	82 x 64 x 25 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 100 rack-mount receiver
- SK 100 bodypack transmitter
- ME 2 / ME 4 clip-on microphone

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