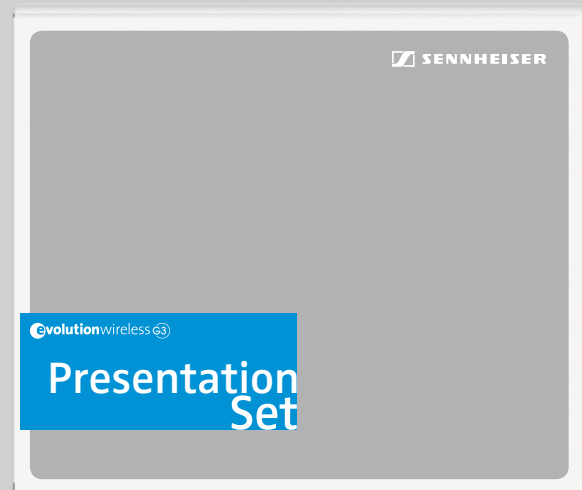


The evolution wireless G3 headset is the ideal solution for capturing rousing stage situations with grand gestures. As a performer you have the entire breadth of the stage at your disposal – and even your hands are free, giving you greater scope to speak, dance and act. The headset can be worn inconspicuously, the bodypack transmitter can be practically invisibly attached to garments and the connecting wire from the headset to the transmitter can be concealed under the clothing. The headset shows the full extent of its professionalism in complex live situations: A special frequency response renders the microphone insensitive to ambient stage noise and popping sounds, allowing even those sitting in the back rows to experience a clean, powerful sound.



- Sturdy metal housing
- PC-supported frequency management for transmitter and receiver
- Tunable UHF frequencies within a large switching bandwidth
- Bodypack transmitter with programmable MUTE function, external activation as an option
- Headset microphone with optimized acoustics
- **NEW:** Ethernet port for connecting to the Wireless Systems Manager (WSM) software for control via computer – this delivers a good overview of monitoring and professional data management for multi-channel systems
- **NEW:** Wireless synchronization of transmitters via infrared interface
- **NEW:** Enhanced frequency bank with up to 24 compatible frequencies
- **NEW:** 42 MHz bandwidth → 1680 switchable frequencies
- **NEW:** Increased range for audio sensitivity
- **NEW:** Large, illuminated dot matrix display with warning indicator
- **NEW:** More control options (menu)
- **NEW:** Enhanced AF frequency range
- **NEW:** Soundcheck mode
- **NEW:** Integrated equalizer
- **NEW:** Switchable RF output power
- 2 AA batteries for more than 8 hours of use
- 4-level charge indicator for transmitter battery
- Contacts for recharging the BA 2015 accupack directly in the transmitter
- HDX compander for crystal-clear sound
- True diversity receiver for optimum reception
- Incl. installation kit for 19" rack mounting (1 U)

# 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 $\mu$ V 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)	1/4" (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 $\Omega$	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 k $\Omega$ , unbalanced / 1M $\Omega$
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)