# **©volution**wireless **©**3)



Presentations, lectures and narratives are challenges in themselves. The evolution wireless @ presentation set helps you master them with professional, interference-free sound transmission that the audience will benefit from - all the way to the back row. The practically invisible, extremely small clip-on microphone can be simply attached to a garment or a tie. The highly compact bodypack transmitter can also be nearly invisibly attached to the wearer's clothing. This type of equipment gives you the freedom to make full use of the many ways of delivering a presentation, even well away from the lectern. An interesting point for sound engineers: If required, the clip-on microphone is available either with the ME 2 with omni-directional pickup pattern or the ME 4 (cardioid).



- · 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
- Extremely small clip-on microphone
- **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**



THD (at nominal deviation and 1 kHz)

ew 352 3

## ew 300 <sup>3</sup>

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

≤ 0,9 %

Switching bandwidth

AF frequency response

S/N ratio (at 1mV and peak deviation)

So trialmer bank

42 MHz

Sennheiser HDX

25 − 18.000 Hz

≥ 115 dBA

# EM 300 <sup>©</sup>

Receiver principle True Diversity

Sensitivity (with HDX, peak deviation) <2  $\mu$ V at 52 dBA $_{eff}$  S/N

 $\begin{array}{lll} \mbox{Adjacent channel rejection} & \geq 75 \mbox{ dB} \\ \mbox{Intermodulation attenuation} & \geq 70 \mbox{ dB} \\ \mbox{Blocking} & \geq 75 \mbox{ dB} \\ \mbox{Pilot-tone squelch} & \mbox{detachable} \\ \mbox{Antenna inputs} & 4 \mbox{ BNC sockets} \\ \end{array}$ 

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 <sup>3</sup>

RF output power at 50  $\Omega$  typ. 30/10 mW, switchable AF frequency response 25 - 18.000 Hz (Line) 80 - 18.000 Hz (Mic)

Max input voltage transmitter / line  $$\rm 3~V_{\rm eff}$ 

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. 8h

Dimensions 82 x 64 x 24 mm / 3.23" x 2.52" x 0.94"

Weight approx. 160 g (5.64 oz)

#### ME 3-ew Delivery includes

Transducer principlecondenser• EM 300 ⊚ rack-mount receiverSensitivitiy1,6 mV/Pa• SK 300 ⊚ bodypack transmitterPick-up patterncardioid• GA 3 rackmount adapterMax. SPL150 dB SPL• ME 3-ew Headset microphone

For recommended accessories please visit www.sennheiser.com