

## Specifications:

### EM 100 G4

- Frequency range B: 626 - 668 MHz
- Dimensions Approx. 190 x 212 x 43 mm
- Compander Sennheiser HDX
- THD, total harmonic distortion  $\leq 0.9 \%$
- Weight Approx. 980 g
- Audio output 6.3 mm jack socket (unbalanced): +12 dBu
- XLR socket (balanced): +18 dBu
- Signal-to-noise ratio  $\geq 110$  dBA
- Switching bandwidth up to 42 MHz
- Peak deviation  $\pm 48$  kHz
- Nominal deviation  $\pm 24$  kHz
- Modulation Wideband FM
- Power supply 12 V DC
- Antenna connector 2 BNC sockets
- Current consumption 300 mA
- Adjacent channel rejection Typically  $\geq 65$  dB
- Intermodulation attenuation Typically  $\geq 65$  dB
- Receiving frequency Max. 1680 receiving frequencies, adjustable in 25 kHz steps 20 frequency banks, each with up to 12 factory-preset channels, no intermodulation 1 frequency bank with up to 12 programmable channels
- RF sensitivity  $< 2.5 \mu\text{V}$  for 52 dBA eff S/N  
Squelch low: 5 dB $\mu\text{V}$  middle: 15 dB $\mu\text{V}$  high: 25 dB $\mu\text{V}$
- Equalizer Preset 1: Flat
- Preset 2: Low Cut (-3 dB at 180 Hz)
- Preset 3: Low Cut/High Boost (-3 dB at 180 Hz, +6 dB at 10 kHz)
- Preset 4: High Boost (+6 dB at 10 kHz)
- Temperature Range -10 °C to +55 °C
- Receiver Principle True diversity
- Blocking  $\geq 70$  dB

### SK 100 G4

- Dimensions Approx. 82 x 64 x 24 mm

- Compander Sennheiser HDX
- THD, total harmonic distortion  $\leq 0.9 \%$
- Weight (incl. batteries) approx. 160 g
- Signal-to-noise ratio  $\geq 110$  dBA
- RF output power Max. 30 mW
- Switching bandwidth up to 42 MHz
- Peak deviation  $\pm 48$  kHz
- Nominal deviation  $\pm 24$  kHz
- Operating time Typically 8 h
- Modulation Wideband FM
- Power supply 2 AA batteries, 1.5 V or BA 2015 accupack
- Current consumption at nominal voltage: typ. 180 mA  
with transmitter switched off:  $\leq 25 \mu\text{A}$
- Input impedance 40 k $\Omega$ , unbalanced / 1 M $\Omega$
- Max. Input voltage 3 V<sub>eff</sub>
- Powering 3 V battery / 2.4 V rechargeable battery
- Transmission frequency Max. 1680 transmitting frequencies,  
adjustable in 25 kHz steps 20 frequency banks, each with up to  
12 factory-preset channels, no intermodulation 1 frequency bank  
with up to 12 programmable channels
- AF frequency response Mic: 80 – 18,000 Hz Line: 25 – 18,000 Hz
- Temperature Range -10 °C to +55 °C
- Frequency stability  $\leq \pm 15$  ppm

### **ME 3**

- Connector 3.5 mm jack
- Sound pressure level (SPL) 150 dB SPL
- Cable length approx. 1.60 m
- Transducer principle pre-polarized condenser microphone
- Pick-up pattern cardioid
- Sensitivity 1.6 mV/Pa
- Temperature Range -10 °C to +55 °C