

## SENNHEISER EW IEM G4 IN-EAR MONITORING SYSTEM B -BAND 626 - 668 MHz

**1.059,00 € tax included**

Reference: SEEWIEMG4B



### SENNHEISER EW IEM G4 IN-EAR MONITORING SYSTEM B -BAND 626 - 668 MHz

Full control over your performance – your direct link, everywhere, everyday. The G4 In-Ear Monitoring Sets make your gig an extraordinary experience – not just for your audience, but also for you. Robust bodypack receiver and reliable in-ear monitoring IE 4 headphones delivering clarity along the whole frequency spectrum for daily use on stage.

#### Features:

- Engineered for professional live sound: Rugged all-in-one wireless monitoring system for in-ear applications.
- Robust bodypack receiver and reliable in-ear monitoring IE 4 headphones delivering clarity along the whole frequency spectrum for daily use on stage
- Half-rack stereo transmitter in a full-metal housing with OLED display for full control
- Easy and flexible wireless synchronization between transmitter and receiver via infrared
- Compatible with Sennheiser WSM control software for flexible frequency allocation
- Up to 16 compatible channels
- Up to 42 MHz bandwidth with 1680 selectable frequencies, fully tunable in a stable UHF range
- Transmission Range: up to 100 meters / 300 feet
- High RF output power (up to 50 mW) depending on country regulations

#### What's in the box?

- SR IEM G4 stereo transmitter
- EK IEM G4 stereo receiver
- IE 4 earphones
- 2 AA batteries
- rod antenna
- GA 3 rackmount set
- quick guide
- safety guide
- manufacturer declaration sheet
- power supply

Technical Data:

SR IEM G4:

- Frequency range B: 626 - 668 MHz
- Dimensions Approx. 202 x 212 x 43 mm
- Compander Sennheiser HDX
- THD, total harmonic distortion - Weight Approx. 980 g
- Audio input 2x XLR-3/14" (6.3 mm) jack combo socket, electronically balanced
- Audio output 1/4" (6.3 mm) stereo jack socket, balanced
- Signal-to-noise ratio >90 dB
- RF output power switchable: Low: typ. 10 mW, Standard: typ. 30 mW, High: typ. 50 mW
- Switching bandwidth up to 42 MHz
- Peak deviation  $\pm 48$  kHz
- Nominal deviation  $\pm 24$  kHz
- Modulation Wideband FM stereo (MPX pilot tone)
- Power supply 12 V DC
- Current consumption max. 350 mA
- Max. Input voltage +22 dBu
- Transmission frequency Max. 1680 frequencies, adjustable in 25 kHz steps, 20 frequency banks, each with up to 16 factory-preset channels, no intermodulation, 6 frequency banks with up to 16 programmable channels
- AF frequency response 25 Hz to 15 kHz
- Temperature Range -10 °C to +55 °C
- Frequency stability  $\pm 10$  ppm
- Antenna Output BNC socket, 50  $\Omega$

EK IEM G4:

- Dimensions Approx. 82 x 64 x 24 mm
- Compander Sennheiser HDX
- THD, total harmonic distortion = 0.9 %
- Weight (incl. batteries) approx. 125 g
- Signal-to-noise ratio approx. 90 dBA
- Switching bandwidth up to 42 MHz
- Peak deviation  $\pm 48$  kHz
- Nominal deviation  $\pm 24$  kHz
- Operating time approx. 4 to 6 hours (depending on volume level)
- Modulation Wideband FM
- Power supply 2 AA batteries, 1.5 V or BA 2015 accupack
- Current consumption at nominal voltage: approx. 140 mA  
with transmitter switched off: = 25  $\mu$ A
- Adjacent channel rejection Typically = 65 dB
- Audio-Output-Power 2 x 100 mW at 32  $\Omega$
- Intermodulation attenuation Typically = 70 dB
- Limiter -18 dB to -6 dB, adjustable in steps of 6 dB, can be switched off
- Powering 3 V battery / 2.4 V rechargeable battery
- Receiving frequency Max. 1680 receiving frequencies, adjustable in 25 kHz steps, 20 frequency banks, each with up to 16 factory-preset channels, no intermodulation, 6 frequency banks with up to 16 programmable channels
- RF sensitivity - Squelch 5 to 25 dB $\mu$ V, adjustable in steps of 2 dB
- Bass Boost +8 dB at 80 kHz
- Temperature Range -10 °C to +55 °C
- Receiver Principle Adaptive diversity
- Blocking = 80 dB