SENNHEISER EW 100 G4-835-S-A MICROPHONE WIRELESS SYSTEMS

699,00 € tax included

Reference: SEEW100G4835SA

SENNHEISER EW 100 G4-835-S-A MICROPHONE WIRELESS SYSTEMS

Versatile wireless systems for those who sing, speak or play instruments with up to 42 MHz tuning bandwidth in a stable UHF range and fast, simultaneous setup of up to 12 linked systems.
State-of-the-art live sound featuring Sennheiser‘s renowned e 835, e 845 and e 865 capsules on a lightweight aluminum transmitter with integrated mute switch.

Features:
- Engineered for professional live sound: Rugged all-in-one wireless system for singers and presenters.
- State-of-the-art live sound featuring Sennheiser‘s renowned e 835, e 845, e 865, e 935, e 945 capsules on a lightweight aluminium transmitter with integrated mute switch
- True diversity half-rack receiver in a full-metal housing with intuitive LCD display for full control
- Easy and flexible wireless synchronization between transmitter and receiver via infrared
- Fast frequency allocation for up to 12 receivers via new linking functionality
- Up to 20 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 30 mW) depending on country regulations

What's in the box?
- EM 100 G4 true diversity receiver
- SKM 100 G4-S handheld transmitter
- MMD 835-1 microphone head (835-S variants only)
- MMD 845-1 microphone head (845-S variants only)
- MME 865-1 microphone head (865-S variants only)
- GA 3 rackmount set
- MZQ 1 microphone clamp
- power supply
- 2 AA batteries
- 2 rod antennas
- RJ 10 cable
- quick guide
- safety guide

- manufacturer declaration sheet
- frequency supplement sheet

Technical Data:

EM 100 G4:
- Frequency range A-Band : 516 - 558 MHz
- Dimensions Approx. 190 x 212 x 43 mm
- Compander Sennheiser HDX
- THD, total harmonic distortion = 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 = 110 dBA
- Switching bandwidth up to 42 MHz
- Peak deviation ±48 kHz
- Nominal deviation ±24 kHz
- Modulation Wideband FM
- Power supply 12 V DC
- Antenna connector 2 BNC sockets
- Current consumption 300 mA
- Adjacent channel rejection Typically = 65 dB
- Intermodulation attenuation Typically = 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 - Squelch low: 5 dBµV middle: 15 dBµV high: 25 dBµV
- 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 = 70 dB

SKM 100 G4-S:
- Dimensions Approx. Ø 50 x 265 mm
- Compander Sennheiser HDX
- THD, total harmonic distortion = 0.9 %
- Weight (incl. batteries) approx. 450 g
- Signal-to-noise ratio = 110 dBA
- RF output power Max. 30 mW
- Switching bandwidth up to 42 MHz
- Peak deviation ±48 kHz
- Nominal deviation ±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: = 25 µA
- Input impedance 40 kO
- Max. Input voltage 3 Veff
- 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 80 – 18,000 Hz
- Temperature Range -10 °C to +55 °C
- Frequency stability = ±15 ppm

MMD 835-1:
- Sound pressure level (SPL) 154 dB SPL
- Transducer principle dynamic
- Pick-up pattern cardioid
- Sensitivity 2.1 mV/Pa