

TECHNICAL DATA

SK 500 and SKM 500

Modulation	wideband FM
RF frequency range	516–558, 566–608, 626–668, 734–776, 780–822, 823–865 MHz
Transmission/receiving frequencies.....	1,680, tuneable in steps of 25 kHz
Receiving frequencies	1,680 frequencies, tuneable in steps of 25 kHz
	20 frequency banks, each with up to 32 factory-preset channels, intermodulation-free
	6 frequency banks with up to 32 user programmable channels
Switching bandwidth.....	42 MHz
Nominal/peak deviation	±24 kHz/±48 kHz
Frequency stability.....	≤ ±15 ppm
RF output power at 50 Ω.....	typ. 10/30 mW, switchable
Pilot tone squelch	can be switched off
AF characteristics	
Compander system.....	Sennheiser HDX
AF frequency response	
SK.....	microphone: 80–18,000 Hz
	line: 25–18,000 Hz
SKM	80–18,000 Hz
S/N ratio (1 mV, peak deviation)	≥ 110 dBA
THD.....	≤ 0.9 %
Max. input voltage (SK) microphone/line	3 Vrms
Input impedance (SK) microphone/line	40 kΩ, unbalanced/1 MΩ
Input capacitance (SK)	switchable
Adjustment range of input sensitivity	SK: 60 dB, adjustable in steps of 3 dB
	SKM: 48 dB, adjustable in steps of 6 dB
In compliance with.....	CE, FCC, IC, ETS 300422, ETS 300445

OVERALL DEVICE

Temperature range.....	–10 °C to +55 °C
Power supply	2 AA size batteries, 1.5 V or
	BA 2015 accupack
Nominal voltage	2.4 V
Current consumption:	
at nominal voltage	typ. 180 mA (30 mW)
with switched-off transmitter	≤ 25 µA
Operating time	typ. 8 hrs
Dimensions.....	SK: approx. 82 x 64 x 24 mm
	SKM: approx. Ø 50 x 265 mm
Weight (incl. batteries)	SK: approx. 160 g
	SKM: approx. 450 g
In compliance with.....	CE, FCC, IC, ETS 300422, ETS 300445

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ew 500 Sets

TECHNICAL DATA

Microphones (SK 500)

	MKE 2
Microphone type	condenser
Sensitivity	5 mV/Pa
Pick-up pattern.....	omni-directional
Max. SPL	142 dB SPL

Microphone heads (SKM 500)

	MMD 935-1	MMD 945-1	MMK 965-1
Radio microphone type	dynamic	dynamic	condenser
Sensitivity	2.5 mV/Pa	1.8 mV/Pa	7 mV/Pa / 2.3 mV/Pa
Pick-up pattern.....	cardioid	super-cardioid	cardioid/super-cardioid, switchable
Max. SPL	154 dB SPL	154 dB SPL	142 dB SPL / 152 dB SPL
Frequency response	80.....18,000 Hz	80.....18,000 Hz	80.....18,000 Hz

DELIVERY INCLUDES for ew 512 / ew 572

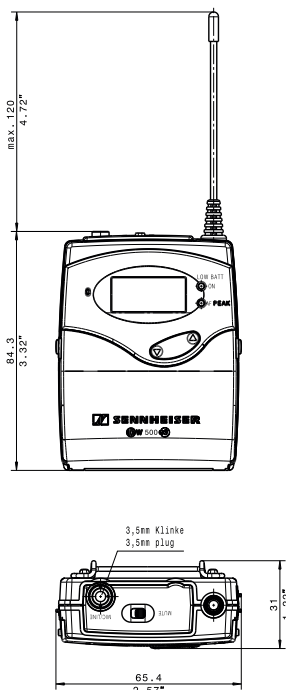
- 1 EM 500 G3 rack-mount receiver
- 1 SK 500 G3 bodypack transmitter
- 1 MKE 2 clip-on microphone (omni-directional) (ew 512) or
- 1 CI 1 instrument cable (ew 572)
- 1 GA 3 rack mount
- 1 NT 2 power supply unit
- 2 Antennas
- 2 AA batteries
- 1 Instruction manual

DELIVERY INCLUDES for ew 500-935 / ew 500-945 / ew 500-965 G3

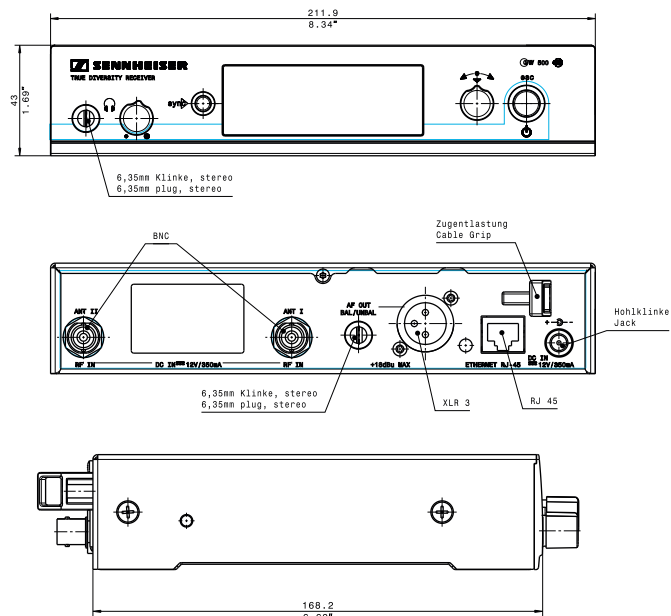
- 1 SKM 500-935 handheld transmitter
with cardioid dynamic head or
- 1 SKM 500-945 handheld transmitter
with super-cardioid dynamic head or
- 1 SKM 500-965 handheld transmitter
with super-cardioid condenser head
- 1 EM 500 G3 rack receiver
- 1 MZQ 1 microphone clip
- 1 NT 2 power supply unit
- 2 Antennas
- 1 GA 3 Rack mount kit
- 2 AA batteries
- 1 Instruction Manual

DIMENSIONS

SK 500



EM 500 G3



SKM 500

