

# SK 5212

## RF Wireless Systems | 5000 Series Bodypack Transmitters

### General Description

Due to its extremely compact design, the SK 5212 bodypack transmitter is the ideal choice for all applications, where a very unobtrusive transmitter is required, e.g. musicals, TV shows and film applications.



### Features

- Extremely compact diecast metal housing
- Very rugged casing
- Special protection against the ingress of moisture
- Backlit LC display
- Menu-assisted operation
- Specially suitable for multi-channel applications
- 36 MHz switching bandwidth
- Transmission frequencies tunable in steps of 5 kHz
- 50 mW output power, adjustable to 10 mW
- Constant output power until the battery is completely discharged
- Audio sensitivity adjustable in steps of 1dB, sensitivity range of 70 dB
- HiDyn *plus*<sup>™</sup> noise reduction system
- Signal-to-noise ratio > 110 dB(A)
- Switchable low-cut filter
- Battery status display, battery status also transmitted to the receiver
- Reliable, easy-to-use clip attachment
- Delivery includes: 1 SK 5212 bodypack transmitter, 1 battery, 1 antenna, 1 belt clip

### Recommended Accessories

- MKE 2 Gold Lavalier microphone, omni-directional
- MKE 2 Platinum Lavalier microphone, omni-directional
- ME 102 Modular mini-microphone system, omni-directional
- ME 104 Modular mini-microphone system, cardioid
- ME 105 Modular mini-microphone system, super-cardioid
- HSP 2 Headmic, omni-directional
- HSP 4 Headmic, cardioid

- Cat. No. 009831
- Cat. No. 005276
- Cat. No. 003837
- Cat. No. 004227
- Cat. No. 005302
- Cat. No. 009862
- Cat. No. 009864

### Technical Data

Modulation .....	wideband FM
Frequency range .....	450–960 MHz
Switching bandwidth .....	36 MHz
Transmission frequencies	
channel bank "FIX" .....	customer-specific frequencies
channel bank "VAR" .....	20 freely selectable frequencies (tunable in steps of 5 kHz)
RF output power .....	switchable, typ.: 50/10 mW
Frequency stability .....	± 10 ppm
Spurious emission .....	< 4 nW
Nominal/peak deviation .....	± 40 kHz/± 56 kHz
Signal-to-noise ratio .....	110 dB(A) <sub>rms</sub>
THD .....	< 0.3 % at nominal deviation, 1 kHz
AF frequency response .....	60–20,000 Hz
Noise reduction system .....	Sennheiser HiDyn <i>plus</i> <sup>™</sup>
Input sensitivity .....	at nominal deviation, 1 kHz
	-40 dBu = 7.75 mV, adjustable in steps of 1 dB, range: 70 dB
Low-cut frequency .....	(-3 dB) adjustable (flat, 120 Hz)
Power supply .....	1 AA size battery (1.5 V)
Power consumption .....	without LC display illumination
	approx. 160 mA at 1.2 V (Power low)
	approx. 250 mA at 1.2 V (Power high)
Operating time .....	approx. 11 hrs (power low)
	approx. 5.5 hrs (power high)
Temperature range .....	- 10 °C to + 55 °C
Connections	
AF .....	3-pin special microphone socket
RF .....	coax socket
Dimensions .....	approx. 53 x 60 x 17 mm (2.09" x 2.36" x 0.67")
Weight .....	approx. 120 g (4.23 oz) incl. battery
Type approval	
USA .....	FCC-Part 74.861
	FCC ID: DMOSK5212
Canada .....	RSS-123, IC: 2099A-SK5212
EU .....	in compliance with the requirements of R&TTE, EN 50392, CE 06821, ETSI EN 300 442-1/-2, class II, ETSI EN 301 489-1/-9

### Suitable receivers

- EM 1046 system Cat. No. 003247
- EM 3532-U Cat. No. 004400
- EM 3031-U Cat. No. 004555
- EM 3032-U Cat. No. 004556
- EK 3041 Cat. No. 004435