



## SK 50 Pocket RF Wireless Transmitter

The SK 50 pocket transmitter fulfills the most stringent demands on operation and mechanical stability. It is above all used in musicals, shows and for broadcast applications.

### Features—Benefits

- Battery status transmitted to EM 1046 system
- "Low Batt" warning transmitted to EM 3031/3032 receivers
- Extremely reliable Lemo sockets
- Metal casing
- Quick change rechargeable battery or battery box
- 16 switchable carrier frequencies, PLL-controlled
- "HiDyn plus" noise reduction system
- RF output power max. 50 mW
- Greater coverage area
- Convenient interconnectivity
- Controlled from a single location
- Ease of installation
- Excellent reliability

### Technical Data

	SK 50 UHF	SK 50 VHF RF
Output	power 50 mW (-3dB)	50 mW (-3dB)
Transmission frequencies	16	16
Frequency band	450–960 MHz	138–250 MHz
Switching bandwidth	24 MHz	28 MHz
Frequency stability	±5 ppm	±5 ppm
Spurious emission	< 4nW	<4nW
Modulation	wideband FM	wideband FM
Nominal/peak deviation	± 40 kHz /±56kHz	± 40 kHz/±56kHz
Noise reduction system	HiDyn plus	HiDyn plus
Input sensitivity for	13 mV–1.55V	13 mV–1.55V
nominal deviation	switchable in 8 steps	switchable in 8 steps
AF frequency response	45–20,000 Hz	45–20,000 Hz
Signal-to-noise ratio	> 110dB(A)eff.	> 110dB(A)eff
THD (at nom. deviation)	< 1%	< 1%
Connectors	AF: special 3-pin Lemo RF: special co-ax Lemo	AF: special 3-pin Lemo RF: special co-ax Lemo
Operating time	B 50 > 4.5h; B 250 >9h BA 50 > 3h; BA 250 > 5h	B 50 > 4.5h; B 250 > 9h BA 50 > 3h; BA 250 > 5h
Dimensions in inches	B 50/BA 50: 3.7 x 2.36 x .66	
Dimensions in inches	B 250/BA 250: 9.84 x 2.36 x .66	
Weight.(incl. power pack)	approx. 6.94 oz (B 50/BA 50)	approx. 6.4 oz (B 5 / BA 50) approx. 8.11 oz (B 250/BA 250)

## Product Variants

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UHF band, 450- 960 MHz	SK 50 UHF
VHF band, 138- 250 MHz	50 VHF

## Supplied Accessories

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Whip antenna with LEMO connector	S 48819
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## Required Accessories

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Battery pack	B 50
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## Optional Accessories

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Battery box for 2 AA size batteries	B 50 (only for SK 50)
Battery box for 3 AA size batteries	B 250
Rechargeable battery with 2 NiCd cells	BA 50 (only for SK 50)
Rechargeable battery with 3 NiCd cells	BA 250
Charger for 2 battery pack	L 50
Power adapter	DCA 50
Plug-in mains unit for 4 chargers	NT 50
Goretex® protection bag, beige	SK 50 T
Clip-on microphone, omni, black	MKE 2-4-C
Clip-on microphone, omni, beige	MKE 2-4-3-C
Accessory kit	MZ 2
Mini mic head, omni (anthracite)**	ME 102 ant
Mini mic head, omni (nickel)**	ME 102 nickel
Mini mic head, cardioid (anthracite)**	ME 104 ant
Mini mic head, cardioid (nickel)**	ME 104 nickel
Steel cable, straight plug (ant)	KA 100 S-4 ant
Steel cable, straight plug (beige)	KA 100 S-4 beige
Copper cable, rt.-angled plug (ant)	KA 100-4 ant
Copper cable, rt.-angled plug (grey)	KA 100-4 gr
Accessory kit MZ 100 Magnetic mount set	MZM 2 / MZM 10
Replacement whip antenna	S48819
Clip-on microphone, omni, black	MKE2-4-C Gold
Clip-on microphone, omni, beige	MKE2-4-3-C Gold

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