

No matter how challenging a reporting situation may be – the  ENG set ensures perfect sound transmission while filming, even in the most difficult conditions.

You can choose between a nearly invisible clip-on microphone or a hand-held microphone.

The SKP 100  plug-on transmitter conveniently transforms any wired microphone into a wireless one.

This guarantees full freedom of movement – both in the studio and on location.



- Sturdy metal housing
- Automatic frequency management for transmitter and receiver
- Tunable UHF frequencies within a large switching bandwidth
- Compact diversity receiver for optimum reception
- **NEW:** Diversity receiver (integrated second antenna)
- **NEW:** Wireless synchronization of transmitters via infrared interface
- **NEW:** Enhanced frequency bank management with up to 12 compatible frequencies per bank
- **NEW:** 42 MHz bandwidth → 1680 switchable frequencies
- **NEW:** Increased range for audio sensitivity
- **NEW:** Easy-to-read illuminated dot matrix display
- **NEW:** 4-level charge indicator for transmitter battery
- **NEW:** More control options (menu)
- **NEW:** Enhanced AF frequency range
- **NEW:** Contacts for recharging the BA 2015 accupack directly in the transmitter (not SKP 100) or receiver
- 2 AA batteries for more than 8 hours of use
- Frequency scan for finding available frequencies
- HDX compander for crystal-clear sound
- High RF output power for large range

# Technical Data



ew 100 ENG



ew 112-p



ew 122-p



ew 135-p

## ew 100 <sup>CE</sup>

Modulation	wideband FM
Frequency ranges	516-558, 566-608, 626-668, 734-776, 780-822, 823-865
Transmission/Receiving frequencies	20 channel banks, 1 fixed bank, 12 factory preset channels each
Switching bandwidth	42 MHz
Noise reduction system	Sennheiser HDX
AF frequency response	25 – 18.000 Hz
S/N ratio (at 1mV and peak deviation)	≥ 110 dBA
THD (at nominal deviation and 1 kHz)	≤ 0,9 %

## SK 100 <sup>CE</sup>

RF output power at 50	typ. 30mW
AF frequency response	25 – 18.000 Hz (Line)
Max input voltage transmitter / line	3 V <sub>eff</sub>
Input impedance transmitter / line	40 kΩ, unbalanced / 1MΩ
Power supply	2 AA batteries, 1,5 V
Nominal voltage	2.4 V
Operating time	typ. 8h
Dimensions	82 x 64 x 24 mm (3.23" x 2.52" x 0.94")
Weight	approx. 160 g (5.64 oz)

## EK 100 <sup>CE</sup>

Receiver principle	Diversity
Sensitivity (with HDX, peak deviation)	<2,5 μV at 52 dBA <sub>eff</sub> S/N
Adjacent channel rejection	≥ 65 dB
Intermodulation attenuation	≥ 65 dB
Blocking	≥ 70 dB
Pilot-tone squelch	detachable
AF output voltage (at peak deviation, 1kHz AF)	3.5 mm jack socket, unbalanced: +12 dBu
Power supply	2 AA batteries, 1,5V
Dimensions	approx. 82 x 64 x 24 mm (3.23" x 2.52" x 0.94")
Weight	approx. 160 g (5.64 oz) (incl. batteries)
Operation time	typ. 8h

## Variants and scope of supply

- ew 100 ENG <sup>CE</sup> with SK 100 <sup>CE</sup> bodypack transmitter, SKP 100 <sup>CE</sup> plug-on transmitter, ME 2 clip-on microphone
- ew 112-p <sup>CE</sup> with SK 100 <sup>CE</sup> bodypack transmitter and ME 2 clip-on microphone
- ew 122 <sup>CE</sup> with SK 100 <sup>CE</sup> bodypack transmitter and ME 4 clip-on microphone
- ew 135-p with EK 100 <sup>CE</sup> bodypack receiver and SKM 135 <sup>CE</sup> handheld transmitter, MZQ 1 microphone clip

For recommended accessories please visit [www.sennheiser.com](http://www.sennheiser.com)