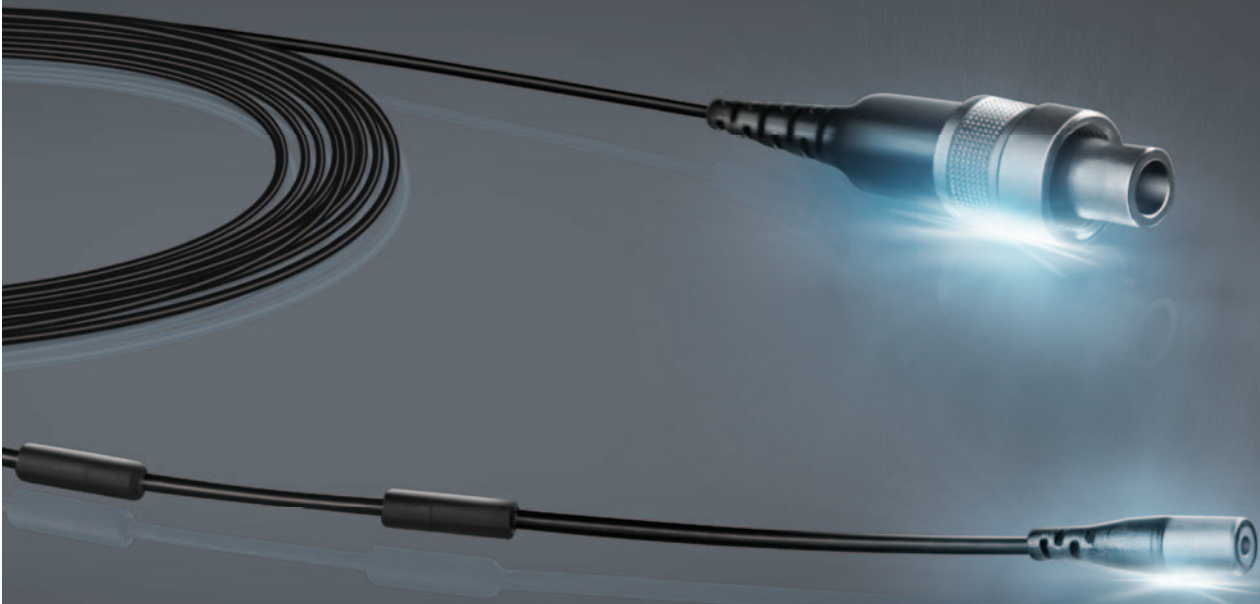




# The Invisible Way to Be Heard.



Professional Lavalier Microphones

 **SENNHEISER**



## Flexible Systems – Unlimited Possibilities.

Whenever you wonder whether musicals, conferences and presentations or broadcasts can get any bigger or more complex, Sennheiser clip-on microphones break their very own records: With their extremely small size, a wide range of accessories and a multitude of plug types, they deliver their greatest performance exactly where a microphone must be invisible.

Sennheiser clip-on microphones stand out through flexible systems that are custom-tailored to the specific requirements of their users. This ensures that everyone finds the right microphone for their application, whether you're an artist or a singer in a musical, the host of a conference or at presentations and events.



## Perfect Sound – Big Effect.

Various pick-up patterns and that crystal-clear Sennheiser sound make our clip-on microphones reliable partners at any event. The great sound means that famous artists as well as persons with differing vocal ranges, such as speakers and hosts at events, can captivate their audience.

Due to the sturdy microphone design, disturbing noises (such as impact noise or noise caused by clothing) are reduced to a minimum. The result is perfect sound all the way to the back of the house.



## MKE 1

### Our Smallest Sound Pro.

Whether for musicals and live shows or for broadcasting applications, the MKE 1 – Sennheiser’s smallest clip-on microphone – performs at its best in all situations where a microphone needs to be virtually invisible and still offer outstanding sound quality.

- Extremely small size (3.3 mm capsule diameter)
- Very high passive maximum sound pressure level (142 dB)
- Excellent speech intelligibility; clear, pleasant treble
- Full, natural sound with low room ambience
- Thin (1 mm diameter) and sturdy cable, extremely flexible, minimum handling noise
- Very resistant to perspiration due to protective membrane
- Suitable for all Sennheiser wireless systems

### Delivery Includes

- 1 MKE 1 clip-on microphone
- 1 small frequency response cap MZC 1-1
- 1 multi-purpose cap MZC 1-2
- 3 make-up protection caps

### Optional Accessories

- LAV tape, transparent tape for invisibly attaching the microphone to the skin
- MZ 1, professional accessory kit

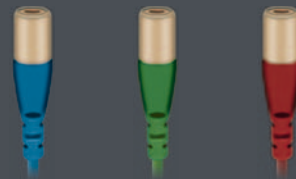
## Variants

New!

MKE 1-M

**The New Variant for Musicals.**

If a large number of costumes and make-up colors is used, you can now color the MKE 1 according to your specific requirements using permanent markers.



MKE 1-4	3-pin special connector, black
MKE 1-4-1	3-pin special connector, white
MKE 1-4-2	3-pin special connector, brown
MKE 1-4-3	3-pin special connector, beige
MKE 1-4-M	3-pin special connector, paintable cable

MKE 1-5	open cable ends, black
MKE 1-5-1	open cable ends, white
MKE 1-5-2	open cable ends, brown
MKE 1-5-3	open cable ends, beige
MKE 1-5-M	open cable ends, paintable cable

MKE 1-EW	TRS connector for <i>evolution wireless</i> devices, black
MKE 1-EW-1	TRS connector for <i>evolution wireless</i> devices, white
MKE 1-EW-2	TRS connector for <i>evolution wireless</i> devices, brown
MKE 1-EW-3	TRS connector for <i>evolution wireless</i> devices, beige
MKE 1-EW-M	TRS connector for <i>evolution wireless</i> devices, paintable cable

## MZ 1

**Small Box – Everything Inside.**

The accessory kit for the MKE 1 in a sturdy, handy hard case offers a comprehensive range of clip-on microphone system components for various applications. You can also store your MKE 1 in the box.

### Delivery Includes

- 2 mini clips MZQ 1
- 2 mini clamps MZQ 10
- 2 magnetic holders MZM 1
- 2 pin mounts ZH 1 (all in black and white)
- 4 foam windshields MZW 02 (black, white, brown, white)
- 2 windshield baskets MZW 01 (black, beige)
- 1 cover-up MZV 1 (transparent)





## MKE 2

### The Sennheiser Clip-On Microphone "Classic" and an Absolute All-Rounder.

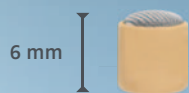
Thanks to an ultra-light dual diaphragm and distortion-free transmission even at the highest sound pressure levels, the MKE 2 continues to fulfill the most stringent on-stage demands on durability and sound quality.

#### Delivery Includes

- 1 clip-on microphone MKE 2
- 1 cap (short) MZC 2-1
- 1 cap (long) MZC 2-2

#### Optional Accessories

- MZ 2 accessory kit:
  - hard case incl. 2 windshield baskets MZW 2 (black and beige), 2 clamps MZQ 02 (black and beige), 2 pin mounts ZH 102 (anthracite und beige), 1 foam windshield MZW 02
- MZM 2/MZM 10 Magnetic mount set



## MKE Platinum

### The Invisible Star on Theater Stages.

The MKE Platinum features a frequency response that has been specially optimized for live stage work. It also offers more headroom in the high frequencies, so that higher levels can be reached.

#### Delivery Includes

- 1 clip-on microphone MKE Platinum
- 1 cap (short) MZC 2-1
- 1 cap (long) MZC 2-2

#### Optional Accessories

- MZ 2 accessory kit:
  - hard case incl. 2 windshield baskets MZW 2 (black and beige), 2 clamps MZQ 02 (black and beige), 2 pin mounts ZH 102 (anthracite und beige), 1 foam windshield MZW 02
- MZM 2/MZM 10 Magnetic mount set

## ME 102/104/105 System

The Reliable System for Conferences and Presentations.

The modular mini-microphone system fulfils professional demands for sound quality and rugged handling. Microphone capsules with omni-directional, cardioid pick-up patterns as well as various connecting cables mean that the microphones in this series offer a great deal of flexibility for use as vocal and speech microphones.

### Pick-Up Patterns

- ME 102: omni-directional
- ME 104: cardioid
- ME 105: super cardioid

### Optional Accessories

- MZ 100 accessory kit:
  - hard case incl. 2 clips MZQ 102 (anthracite and grey),
  - 2 clamps MZQ 02 (anthracite and nickel),
  - 2 pin mounts ZH 100 (anthracite and beige)
- MZM 2/MZM 10 Magnetic mount set



## MKE 40

Sounds Like a Perfect Presentation.

High speech intelligibility and excellent bass response make the MKE 40 a reliable partner for presentations of all types. Furthermore, the high degree of feedback rejection guarantees interference-free transmission – and an enthusiastic audience.

### Delivery Includes

- 1 clip-on microphone MKE 40
- 1 clip
- 1 windscreen, black
- 1 windscreen, grey
- 1 magnet holder set MZM 2/MZM 10
- 1 hard case



# Professional Ear Sets

Whether used in large shows and live events or in a TV studio: the new generation of professional single-sided headsets, Ear Set 1 and 4, provides strong voices with perfect sound and guarantees reliable sound transmission all the way to the back of the house.

For complex stage concepts with a large number of actors and costume changes, the new Sennheiser Ear Sets are guaranteed to be

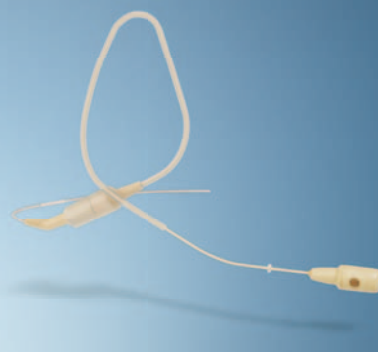
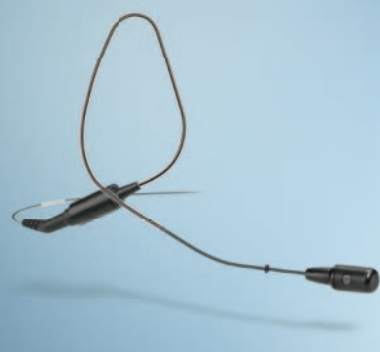
exceptionally easy to use thanks to their single-side design – and they give you the freedom to do whatever you want to do on stage.

The Ear Sets are compatible with all Sennheiser wireless systems (*evolution wireless* G2, G3, 2000, 3000 and 5000 series) and, due to their interchangeable system components (capsules and cables with different plug types), versatile and suitable for a wide range of applications.



## Ear Set 1

- Excellent speech intelligibility, clear and pleasant trebles
- Very low susceptibility to popping and wind noises
- Very high maximum sound pressure level
- Capsule diameter only 3.3 mm
- Proven acoustics of the MKE 1 miniature clip-on microphone



## Ear Set 4

- Powerful sound and high speech intelligibility
- Very good attenuation of ambient noises
- High feedback rejection
- Very high maximum sound pressure level with low inherent self-noise
- Proven acoustics of the HSP 4

# Professional Wireless Systems

## 5000 Series



SK 5212-II  
Bodypack Transmitter



EM 3732-II  
True Diversity Receiver

## 2000 Series



SK 2000  
Bodypack Transmitter



EM 2000  
True Diversity Receiver

## evolution wireless G3



SK 300 G3  
Bodypack Transmitter



EM 300 G3  
True Diversity Receiver

# Technical Data

	MKE 1	MKE 2	MKE Platinum	MKE 40
Transducer principle	pre-polarised condenser	pre-polarised condenser	pre-polarised condenser	pre-polarised condenser
Pick-up pattern	omni-directional	omni-directional	omni-directional	cardioid
Frequency response	20 – 20,000 Hz	20 – 20,000 Hz	20 – 20,000 Hz	40 – 20,000 Hz
Sensitivity in free field, no load (1 kHz)	5 mV/Pa	5 mV/Pa	6.3 mV/Pa	42 mV/Pa
Equivalent noise level	27 dB	26 dB	26 dB	27 dB
Equivalent noise level weighted	39 dB as per CCIR 468-3	39 dB as per CCIR 468-3	39 dB as per CCIR 468-3	37 dB as per CCIR 468-3
Maximum sound pressure level (passive)	142 dB	142 dB	140 dB	118 dB
Cable length	-4, - EW: 1.6 m; -5: 3 m	1.6 m	1.6 m	1.6 m
Diameter	3.3 mm	4.8 mm	4.8 mm	12 mm

	ME 102	ME 104	ME 105	EarSet 1	EarSet 4
	pre-polarised condenser	pre-polarised condenser	pre-polarised condenser	pre-polarised condenser	pre-polarised condenser
	omni-directional	cardioid	super-cardioid	omni-directional	cardioid
	40–20,000 Hz	100–20,000 Hz	100–20,000 Hz	20–20,000 Hz	40–20,000 Hz
	10 mV/Pa	8 mV/Pa	1.6 mV/Pa	5 mV/Pa	4 mV/Pa
	21 dB	30 dB	30 dB	27 dB	37 dB
	33 dB as per CCIR 468-3	38 dB as per CCIR 468-3	38 dB as per CCIR 468-3	39 dB as per CCIR 468-3	49 dB as per CCIR 468-3
	127 dB	133 dB	133 dB	143 dB	150 dB
	1.6 m	1.6 m	1.6 m	1.6 m	1.6 m
	6 mm	6 mm	6 mm	3.3 mm	8.4 mm

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