



## MKH 8000 Series

### MKH 8090



The MKH 8090 is a high-end RF condenser microphone with a wide cardioid pick-up pattern. It is the ideal main microphone when less acoustic impression of space is demanded. As a support microphone it excels in capturing larger groups of instruments. The microphone operates on the RF principle that has been used by Sennheiser for more than 50 years, now brought to the highest level of perfection. Among the many advantages of this principle are an extremely low inherent self-noise, the capability to handle high sound pressure levels without distortion, and a high resistance to adverse climatic conditions.

#### FEATURES

- Wide cardioid pick-up pattern
- Wide frequency response 30 to 50,000 Hz
- Very natural sound
- Can be used as a digital microphone – with the MZD 8000 digital module
- Exceptionally low inherent self-noise
- Symmetrical transducer technology ensures extremely low distortion
- Transformerless, fully floating balanced output
- High output signal
- Rugged metal housing with non-reflective Nextel® coating
- Extremely weather-proof due to high-frequency circuit
- Timbrally identical with the other 8000-series microphones for optimum aural compatibility



#### DELIVERY INCLUDES

- MKH 8090
- Microphone clip MZQ 8000
- Windshield MZW 8000
- Transport case
- Safety instructions
- Quick guide

#### PRODUCT VARIANTS

**MKH 8090**

Art. no. 506294





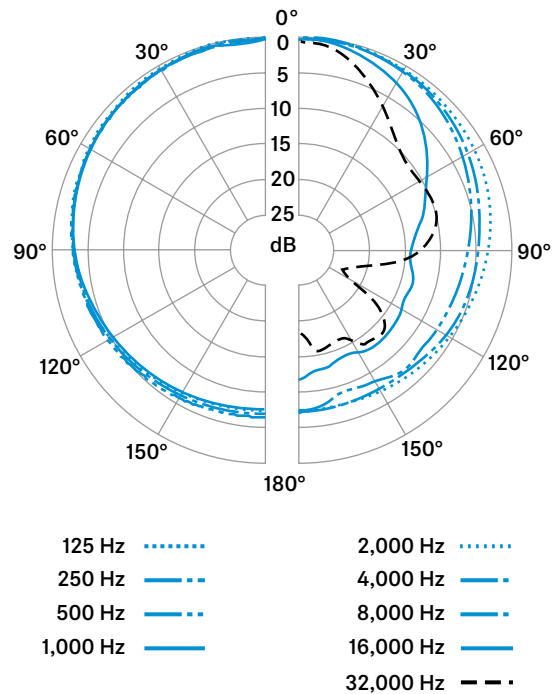
# MKH 8000 Series

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### SPECIFICATIONS

Pick-up pattern	wide cardioid
Frequency response	30 – 50,000 Hz
Sensitivity	-34 dBV/Pa
with filter module MZF 8000	-44 dBV/Pa
Max. SPL	142 dB
with filter module MZF 8000	142 dB
Equivalent noise level	
A-weighted	13 dB(A)
CCIR-weighted	22 dB
Phantom powering	48 V $\pm$ 4 V (P48, IEC 61938)
Current consumption	3.3 mA
Diameter	approx. 19 mm
Length	approx. 41 mm
with filter module MZF 8000	approx. 75 mm
Weight	approx. 25 g
with filter module MZF 8000	approx. 55 g
Operating temperature	-10 °C to + 60 °C

### POLAR PATTERN



### FREQUENCY RESPONSE

