



General Description

The MKH 416 is a short gun interference tube microphone. Its excellent directivity and compact design, high consonant articulation and feedback rejection make the MKH 416 a superb all-round microphone for film, radio and television, especially for outside broadcast applications.

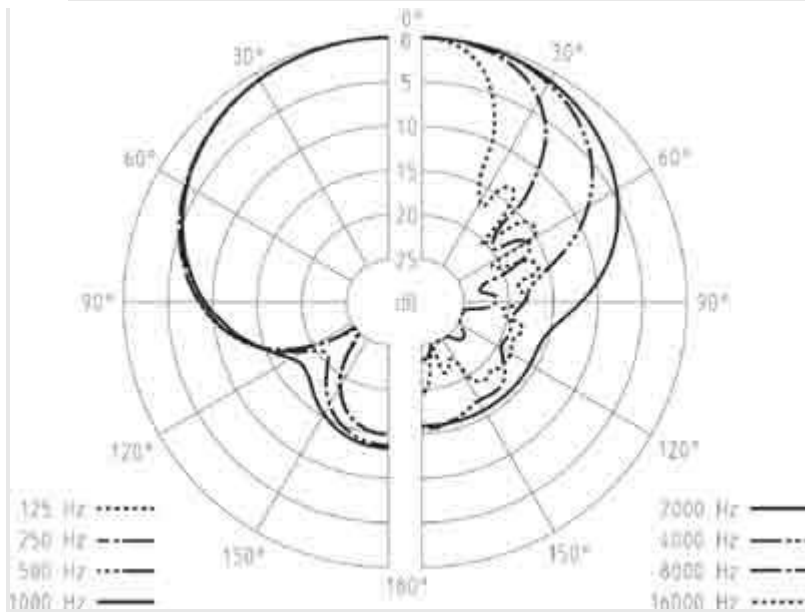
Features

- Increased directivity due to interference tube principle
- Very low inherent self-noise
- High sensitivity
- Transformerless and fully floating balanced output
- Rugged, suitable for adverse climatic conditions
- Matt black all-metal body

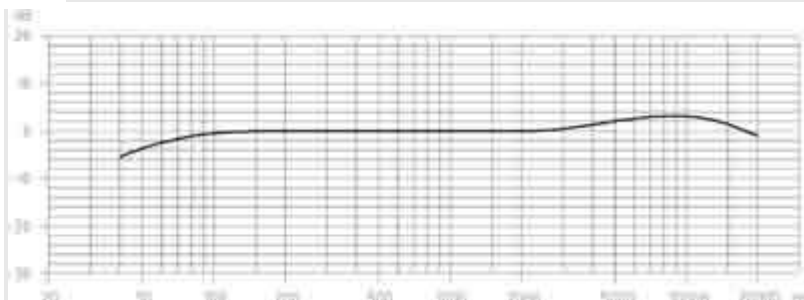
Technical Data

Transducer principle (Microphone)	RF condenser microphone
Pick-up pattern	super-cardioid/lobar
Frequency response (microphone)	40.....20000 Hz
Sensitivity in free field, no load (1kHz)	25 mV/Pa +- 1 dB
Nominal impedance	25 Ohm
Min. terminating impedance	800 Ohm
Equivalent noise level	13 dB
Equivalent noise level weighted as per CCIR 468-3	24 dB
Maximum sound pressure level (passive)	130 dB
Voltage	48 +- 4 V Phantom
Current consumption	2 mA
Dimensions	d 19 x 250 mm

Polar pattern



Frequency response



Profile

Super-cardioid/lobar short interference tube microphone, frequency response 40 - 20,000 Hz, sensitivity (free field, no load) 25 mV/Pa \pm 1 dB at 1 kHz, nominal impedance 25 Ohm, min. terminating impedance 800 Ohm, equivalent noise level A-weighted approx. 13 dB, CCIR-weighted approx. 24 dB, max. sound pressure level 130 dB at 1 kHz, phantom powering 48 \pm 12 V, supply current 2 mA, dimensions \varnothing 19 x 250 mm, weight approx. 165 g.