

# MKH 416 P 48 U 3

Microphones | MKH Condenser Microphones

Cat. No. 001511

## General Description

The MKH 416 P 48 U 3 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. Also available as MKH 416 TU-3 with 12 V AB(T) powering.



Cable pictured is an accessory not supplied with the microphone

## 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
- Delivery includes: 1 MKH 416 P 48 U 3, 1 MZW 415 windshield

## Recommended Accessories

- |   |                 |
|---|-----------------|
| ■ MZA 14 P 48 U battery power supply unit | Cat. No. 002960 |
| ■ MZT 100 table stand                     | Cat. No. 001883 |
| ■ MZT 105-1 table stand                   | Cat. No. 000524 |
| ■ MZT 441 table stand                     | Cat. No. 000799 |
| ■ MZQ 100 quick release clamp             | Cat. No. 002155 |
| ■ MZW 415 foam windshield                 | Cat. No. 000895 |
| ■ MZS 20-1 shock mount                    | Cat. No. 003609 |
| ■ MZW 60-1 basket windshield              | Cat. No. 003607 |
| ■ MZH 60-1 hairy cover                    | Cat. No. 003224 |

## Possible Combinations

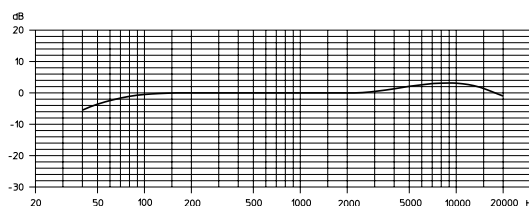
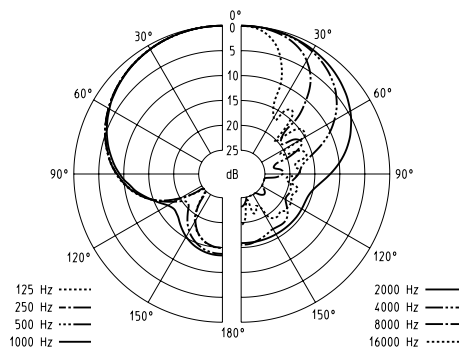
Table stand: MZT 100, MZT 105-1 or MZT 441, MZQ 100  
Suspension/windshield: MZS 20-1, MZW 60-1, MZH 60-1

## Product Variants

- MKH 416 TU-3: as MKH 416 P 48 U 3, but 12 V AB (T) powered
- Cat. No. 001567

## Technical Data

Pick-up pattern ..... super-cardioid/lobar  
Frequency response ..... 40 – 20,000 Hz  
Sensitivity (free field, no load, 1 kHz) ..... 25 mV/Pa ± 1 dB  
Nominal impedance ..... 25 Ω  
Min. terminating impedance ..... 800 Ω  
Equivalent noise level  
A-weighted (DIN IEC 651) ..... appx. 13 dB  
CCIR-weighted (CCIR 468-3) ..... appx. 24 dB  
Max. sound pressure level ..... 130 dB at 1 kHz  
Power supply ..... phantom 48 ± 12 V  
Supply current ..... 2 mA  
Dimensions ..... Ø 19 x 250 mm (Ø 0.75" x 9.84")  
Weight ..... appx. 165 g (5.82 oz)



## Profile

Super-cardioid/lobar short interference tube microphone, frequency response 40 – 20,000 Hz, sensitivity (free field, no load) 25 mV/Pa ± 1 dB at 1 kHz, nominal impedance 25 Ω, min. terminating impedance 800 Ω, equivalent noise level A-weighted appx. 13 dB, CCIR-weighted appx. 24 dB, max. sound pressure level 130 dB at 1 kHz, phantom powering 48 ± 12 V, supply current 2 mA, dimensions Ø 19 x 250 mm (Ø 0.75" x 9.84"), weight appx. 165 g (5.82 oz).