

MKH 416 P 48 U 3

Microphones | RF Condenser Microphone Short Gun Interference Tube Microphone

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

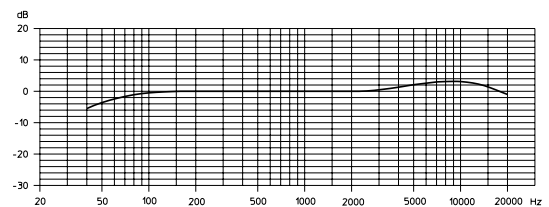
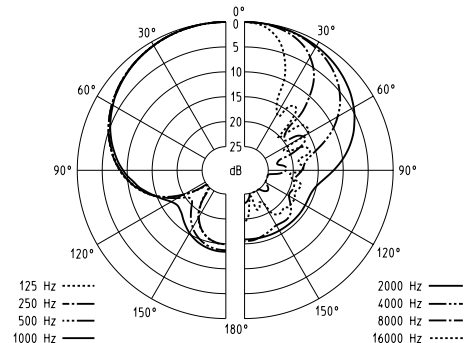
Table stand: MZT 100, MZT 105-1 or MZT 441, MZQ 100
Suspension/windshield: MZS 20-1, MZW 60-1, MZH 60-1

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) approx. 13 dB
CCIR-weighted (CCIR 468-3) approx. 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
Weight approx. 165 g



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 approx. 13 dB, CCIR-weighted approx. 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, weight approx. 165 g.