

MKH 40 P 48

Microphones | RF Symmetrical Capsule Condenser Microphone

Cat. No. 002645

General Description

The cardioid MKH 40 has a large number of applications, for example as a main microphone, especially in lightly reverberant or acoustically less perfect rooms, with instrumental groups or for speech applications. Its wide-angled, neutral directional characteristics and high level of reverse attenuation ensure an exceptionally balanced sound.



Cable pictured is an accessory not supplied with the microphone

Features

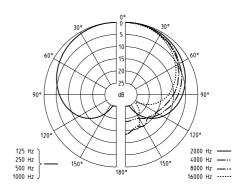
- Maximum front-to-back ratio
- Exceptionally low inherent self-noise
- Symmetrical transducer technology ensures extremely low distortion
- Transformerless and fully floating balanced output
- Switchable roll-off filter to compensate for proximity effects at a distance of approx. 0.5 m
- Switchable pre-attenuation
- Black, anodised light metal bodv
- Delivery includes:1 MKH 40, 1 MZS 40 shock mount, 1 MZW 41 windshield

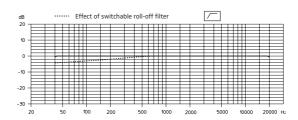
Recommended Accessories

MZA 14 P 48 U battery power supply unit	Cat. No. 002960
MZT 441 table stand	Cat. No. 000799
MZT 100 table stand	Cat. No. 001883
MZD 30 dual clip, for MS stereo	Cat. No. 002990
MZB 415 fish pole	Cat. No. 000972
MZS 40 shock mount	Cat. No. 003017
MZW 41 foam windshield	Cat. No. 029681
MZP 40 popshield	Cat. No. 003132
MZS 20-1 shock mount	Cat. No. 003609
MZW 20-1 basket windshield	Cat. No. 003606
MZH 20-1 hairy cover	Cat. No. 003610

Technical Data

Pick-up pattern	cardioid
Frequency response	40 – 20,000 Hz
Sensitivity (free field, no load, 1 kHz)	25 (8) mV/Pa ± 1dB
Nominal impedance	150 Ω
Min. terminating impedance	1 kΩ
Equivalent noise level	
A-weighted (DIN IEC 651)	12 (18) dB
CCIR-weighted (CCIR 468-3)	21 (27) dB
Max. sound pressure level	134 (142) dB at 1 kHz
Power supply	phantom 48 ± 4 V
Supply current	2 mA
Dimensions	Ø 25 x 153 mm
Weight	approx. 100 g
Values in parentheses with attenuator switched on	(-10 dB)





Profile

Cardioid studio directional microphone with switchable pre-attenuation and switchable roll-off filter. Frequency response 40 Hz - 20,000 Hz, sensitivity (free field, no load) 25 (8) mV/Pa \pm 1dB at 1 kHz, nominal impedance 150 $\Omega_{\rm t}$ min. terminating impedance 1 k $\Omega_{\rm t}$ equivalent noise level A-weighted 12 (18) dB, CCIR-weighted 21 (27) dB, max. SPL 134 (142) dB at 1 kHz, phantom powering 48 \pm 4 V, supply current 2 mA, dimensions Ø 25 x 153 mm, weight approx. 100 g. Values in parentheses with attenuator switched on (–10 dB).