



## MKH 40 RF Condenser Microphone

The 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.

### Features & Benefits

- 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 body

### 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	1000 Ω
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 in inches	.98 x 6.02
Weight approx.	3.52 oz

Values in parentheses with attenuator switched on (-10 dB)

### Supplied Accessories

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Shock mount	MZS 40
Stand adapter	MZQ 40
Windscreen	MZQW 40

### Optional Accessories

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Phantom battery power supply unit	MZA 14 P 48 U
Foam windshield	MZW 41
Shock mount	MZS 20-1
Basket windshield	MZW 20-1
Long hair windcoat	MZH 20-1
AC powered phantom supply for 2 mics	N 48I-2

### Architect's Specifications

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The unit shall be a figure-of-eight studio directional microphone with switchable pre-attenuation and switchable roll-off filter. The frequency response shall be 40–20,000 Hz, with sensitivity (free field, no load) of 25 (8) mV/Pa  $\pm$  1 dB at 1 kHz. The nominal impedance shall be 150  $\Omega$ , and min. terminating impedance shall be 1000  $\Omega$ . The dimensions shall be .98 x 6.02 inches, and weigh approx. 3.5 oz. The unit shall be a Sennheiser MKH 40.

Values in parentheses with attenuator switched on (–10 dB).