



MKH 50 RF Condenser Microphone

The super-cardioid MKH 50 offers a higher attenuation of diffuse-field and lateral sound than the cardioid microphone. It is principally designed for use as a soloist's or spot microphone for applications requiring a high degree of side-borne sound muting and feedback rejection. The directional characteristics are frequency-independent.

Features & Benefits

- High rejection of lateral sounds
- Exceptionally low inherent self-noise
- Transformerless and fully floating balanced output
- Symmetrical transducer technology ensures extremely low distortion
- 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 | super-cardioid |
| Frequency response | 40–20,000 Hz |
| Sensitivity (free field, no load) | (1 kHz) 25 (8) mV/Pa ± 1 dB |
| 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. 3.5 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

| | |
|--------------------------------------|---------------|
| 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

The unit shall be a super-cardioid studio directional microphone with switchable pre-attenuation and switchable roll-off filter. The frequency response shall be 40 Hz–20,000 Hz, with sensitivity (free field, no load) of 25 (8) mV/Pa \pm 1dB at 1 kHz. The nominal impedance shall be 150 Ω , and min. terminating impedance shall be 1000 Ω . The dimensions shall be .98 x 6.02 inches, and weigh approx. 3.5 oz. The unit shall be a Sennheiser MKH 50.

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