



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

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).