



## MKH 70 RF Condenser Microphone

The MKH 70 is a lightweight long gun microphone. Its excellent directivity is particularly suited to applications undertaken in difficult conditions, such as high background noise and distance microphone positioning. Its frequency-independent directivity prevents sound coloration from off-axis sound sources.

### Features

- Exceptionally low inherent self-noise
- Transformerless and fully floating balanced output
- Infra-sonic cut-off filter
- Symmetrical transducer technology ensures extremely low distortion
- Switchable pre-attenuation, switchable roll-off filter and switchable treble emphasis
- Rugged and weather-proof
- Black, anodised light metal body
- RF phase discriminator circuit provides immunity to humidity

### Technical Data

Pick-up pattern	super-cardioid/lobar
Frequency response	50–20,000 Hz
Sensitivity (free field, no load) (1 kHz)	50 (15) mV/Pa
Nominal impedance	150 Ω
Min. terminating impedance	1000 Ω
Equivalent noise level	
A-weighted (DIN IEC 651)	5 (13) dB
CCIR-weighted (CCIR 468-3)	16 (24) dB
Max. sound pressure level	124 (132) dB at 1 kHz
Power supply	phantom 48 ± 4 V
Supply current	2 mA
Dimensions in inches	.98 x 16.14
Weight	6.34 oz

## Optional Accessories

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Shock mount	MZS 40
Stand adapter	MZQ 40
Windscreen	MZQW 40
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 super-cardioid/lobar (long gun) interference tube microphone with infra-sonic cut-off filter, switchable pre-attenuation, switchable roll-off filter and switchable treble emphasis. The frequency response shall be 50–20,000 Hz, and sensitivity (free field, no load) of 50 (15) mV/Pa at 1 kHz. The nominal impedance shall be 150  $\Omega$ , and min. terminating impedance of 1000  $\Omega$ . The dimensions shall be .98 x 16.14 inches, and weight 6.34 oz. The unit shall be a Sennheiser MKH 70.

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