



## MKH 20 RF Condenser Microphone

The MKH 20 is usually used as a main microphone for orchestras and solo instruments, and picks up the natural acoustics of the room, though it does have a much wider range of applications as omni-directional microphones do not suffer from 'proximity effect'.

### Features—Benefits

- Exceptionally flat frequency response, switchable for near and diffuse field applications
- High-frequency response can be accentuated by means of a pressure build-up ring
- Slightly increasing directivity at high frequencies to adjust tonal balance
- Exceptionally low inherent self-noise
- Transformerless and fully floating balanced output—provides transparent sound
- Switchable pre-attenuation for recording high sound pressure levels
- Black, anodised light metal body

### Technical Data

Pick-up pattern	omni-directional
Frequency response	12–20,000 Hz
Sensitivity (free field, no load) (1 kHz)	25 (8) mV/Pa $\pm$ 1 dB
Nominal impedance	150 $\Omega$
Min. terminating impedance	1000 $\Omega$
Equivalent noise level	
A-weighted (DIN IEC 651)	10 (18) dB
CCIR-weighted (CCIR 468-3)	20 (28) dB
Max. sound pressure level	134 (142) dB at 1 kHz
Power supply	phantom 48 $\pm$ 4 V
Supply current	2 mA
Dimensions	.98 x 6.02 inches
Weight approx.	3.5 oz

### 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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Omni-directional studio microphone with switchable diffuse-field correction, switchable pre-attenuation and pressure build-up ring, frequency response 12 Hz–20,000 Hz, sensitivity (free field, no load) 25 (8) mV/Pa  $\pm$  1 dB at 1 kHz, nominal impedance 150  $\Omega$ , min. terminating impedance 1000  $\Omega$ , equivalent noise level A-weighted 10 (18) dB, CCIR-weighted 20 (28) dB, max. SPL 134 (142) dB at 1 kHz, phantom powering 48  $\pm$  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).