



# MZF 8000

## Filter module



Developed for the broadcast and film industries, the MZF 8000 filter module effectively blocks interference caused by infrasound – such as low-frequency wind and handling noise – thus ensuring top-quality audio recordings with the MKH 8020 (omni-directional), MKH 8040 (cardioid) and MKH 8050 (super-cardioid) RF condenser microphones.

The high degree of flexibility provided by their modular design, the weather-proof microphone principle and the natural, warm sound of the microphone heads make the 8000 series unique – and the perfect choice for use in studios, for concerts, broadcasts and in the film industry.

### SPECIFICATIONS

Low-cut filter	-3 dB @ 16 Hz, 18 dB/oct
Roll-off (switchable)	-3 dB @ 160 Hz
Attenuation (switchable)	-10 dB
Additional equivalent noise level	@ 0 dB: 1 dB(A) @ -10 dB: 4 dB(A)
Max. Input voltage	@ 0 dB: 14 dBV @ -10 dB: 9 dBV
Max. Output voltage	@ 0 dB: 14 dBV @ -10 dB: -1 dBV
Typ. Impedance	50 Ω
Min. Terminating impedance	2 kΩ
Phantom powering	44 – 52 V, as per DIN 45596
Dimensions	Ø 19 x 29 mm
Weight	26 g
Temperature range	-10 °C to +60 °C

### FEATURES

- Switchable roll-off filter (-3 dB at 160 Hz)
- Fixed low-cut filter (-3 dB at 16 Hz)
- Excellent suppression of handling noise
- Extremely low inherent self-noise – complex acoustic details are reproduced exactly
- High-quality -10 dB pad protects against overmodulation
- Active filter with fully floating, balanced, low-impedance output
- Allows for easy connection to subsequent recording equipment and highly precise, natural sound reproduction
- Extremely compact design
- Module can be used with remote accessories

### DELIVERY INCLUDES

- Filter module MZF 8000
- Instruction manual

### PRODUCT INFORMATION

MZF 8000

Art.-Nr. 502320

### FREQUENCY RESPONSE

