

The Soul of Sound



the new filter module MZF 8000

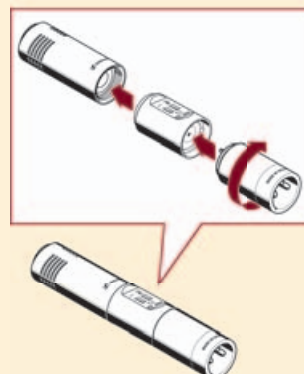
Developed for the broadcast and film industries, the MZF 8000 filter module effectively blocks interference caused by infrasound – such as low-frequency wind and handling noise – thus ensuring top-quality audio recordings with the MKH 8020 (omni-directional), MKH 8040 (cardioid) and MKH 8050 (super-cardioid)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

- 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

Possible Combinations

MKH 8020, RF condenser microphone, omni-directional
MKH 8040, RF condenser microphone, cardioid
MKH 8050, RF condenser microphone, super-cardioid





Technical Data

Low-cut filter (fixed).....	-3 dB at 16 Hz	
Switchable roll-off filter	-3 dB at 160 Hz	
Attenuation (switchable pad).....	-10 dB	
Increase to the equivalent noise level		
according to DIN IEC 651	At 0 dB: 1 dB (A).....	At -10 dB: 4 dB (A)
Max. input voltage.....	At 0 dB: 14 dBV.....	At -10 dB: 9 dBV
Max. output voltage	At 0 dB: 14 dBV.....	At -10 dB: -1 dBV
Nominal impedance.....	50 Ω	
Min. terminating impedance	2 kΩ	
Phantom powering acc.to DIN 4559.....	44 to 52 V	
Dimensions	∅ 19 x 29 mm	
Weight	26 g	
Temperature range	-10 °C to +60 °C	

Delivery Includes: 1 MZF 8000
 Cat. No.: 502320

Frequency response

