

MC 950

Condenser Microphone

Order # 499.862



FEATURES

- Supercardioid polar pattern
- Switchable pre-attenuation -15 dB
- Switchable low-cut filter at 250 Hz
- Phantom power 11 - 52 V

APPLICATIONS

This true condenser microphone provides an enormous versatility due to its neutral sound and accurate design. The features of the MC 950 include the wide frequency response of 40 - 20,000 Hz and a signal-to-noise ratio of 72 dB.

The MC 950 is suitable as a main or spot microphone for miking choirs, piano / grand piano, organ, orchestras and most instruments. Due to the switchable pre-attenuation of 15 dB it provides excellent performance at high sound pressure levels. The switchable low-cut filter with 6 dB/octave below 250 Hz compensates for the proximity effect.

With the WS 101 wind shield, the MC 950 can be used for speech and vocals. The MC 950 is phantom powered (11 - 52 V) and therefore suitable for all live or studio applications and installations.

Due to its supercardioid polar pattern, the MC 950 has an excellent gain-before-feedback and eliminates noise from the rear. It is not only a first-class tool for studios, but also for PA systems, where excellent sound and maximum gain-before-feedback are required.

TECHNICAL SPECIFICATIONS

Transducer type	True condenser
Operating principle	Pressure gradient
Frequency response	40 - 20,000 Hz
Polar pattern	Supercardioid
Open circuit voltage	
at 1 kHz (0 dB = 1 V/Pa)	35 mV/Pa = -29 dBV
Nominal impedance	180 Ω
Load impedance	1000 Ω
Max. SPL at 1 kHz	124 dB
with pre-attenuation	139 dB
Signal-to-noise ratio rel. to 1 Pa	72 dB
A-weighted equivalent SPL	15 dB
Low-cut filter	switchable, 6 dB/octave at 250 Hz
Power supply	11 - 52 V phantom power
Current consumption	4.6 mA
Connector	3-pin XLR male
Dimensions:	
Length	128 mm
Diameter	21 mm
Weight without cable	115 g

OPTIONAL ACCESSORIES

EA 19/25	Elastic suspension 19 - 25 mm, incl. MA-CL 36 microphone clamp	Order # 407.194
MAV 800	Clip for hanging mounting of microphones	Order # 448.133
WS 101	Wind shield, charcoal-grey	Order # 111.244
WS 53	Wind shield, small, charcoal-grey	Order # 436.607

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FREQUENCY RESPONSE & POLAR PATTERN

This frequency response curve (measuring tolerance ± 2 dB) and polar pattern correspond to a typical production sample for this microphone.

