

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.

OPTIONAL ACCESSORIES

BMC 05 FM	Standard microphone cable XLR-XLR, 5 m long	Order # 434.787
BMC 10 FM	Standard microphone cable XLR-XLR, 10 m long	Order # 434.795
EA 19/25	Elastic suspension 19 - 25 mm, incl. MKV 11 microphone clamp	Order # 407.194
GST 400	Microphone stand, 3/8", height 0.90 - 1.65 m, with G 400 boom	Order # 421.294
GST 500	Microphone stand, 3/8", height 0.85 - 1.60 m, with telescopic G 500 boom	Order # 406.252
MAV 800	Clip for hanging mounting of microphones	Order # 448.133
MAV 802	Multi-purpose mounting for two microphones	Order # 453.323
WS 101	Wind shield, charcoal-grey	Order # 111.244
WS 53	Wind shield, small, charcoal-grey	Order # 436.607

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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

FREQUENCY RESPONSE & POLAR PATTERN

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

