

MC 930

Condenser Microphone



FEATURES

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

VERSIONS

MC 930	Condenser microphone supplied with MA-CL 21 microphone clamp	Order # 465.267
MC 930 Stereo-Set	consisting of 2 matched MC 930, 2 x EA 19/25 elastic suspensions, 2 x WS 53 wind shields and rugged plastic case	Order # 471.968

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

APPLICATIONS

This true condenser microphone provides an enormous versatility due to its neutral sound and accurate design. The features of the MC 930 include the wide frequency response of 40 - 20,000 Hz and a signal-to-noise ratio of 71 dB.

The MC 930 is suitable for miking choirs, orchestras and solo 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 at 250 Hz compensates for proximity effects.

With the WS 101 wind shield the MC 930 can be used for vocal applications.

The MC 930 is phantom powered (11 - 52 V) and therefore suitable for live and studio applications.

Due to its cardioid polar pattern, the MC 930 has a high 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.

Exceptional XY stereo recordings may be achieved by using two MC 930 microphones.

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TECHNICAL SPECIFICATIONS

Transducer type True condenser
Operating principle Pressure gradient
Frequency response 40 - 20,000 Hz
Polar pattern Cardioid
Open circuit voltage
at 1 kHz (0 dB = 1 V/Pa) 30 mV/Pa = -30.5 dBV
Nominal impedance 180 Ω
Load impedance 1000 Ω
Max. SPL at 1 kHz 125 dB
with pre-attenuation 140 dB
Signal-to-noise ratio rel. to 1 Pa 71 dB

A-weighted equivalent SPL 16 dB
Low-cut filter switchable, 6 dB/
octave at 250 Hz
Power supply 11 - 52 V phantom
power
Current consumption 4.6 mA
Connection 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.

