

Bidirectional Moving Coil Microphone

FEATURES

- Large diaphragm moving coil design
- Figure eight polar characteristic
- Wide frequency response with low end extended to 15 Hz
- High sensitivity

DESCRIPTION

The M 380's durable moving coil element withstands extreme SPLs without distortion or overload. Exceptional low end response, extending to 15 Hz, is produced by the large diaphragm. The figure-eight pickup pattern provides effective noise cancellation and signal isolation.

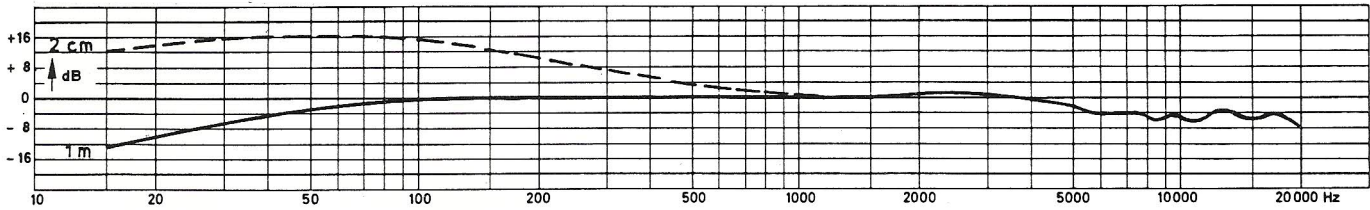
The frequency curve of this outstandingly versatile microphone extends to the upper limits of audibility, while producing powerful bass response. The M 380 produces "hot" output levels thanks to its high sensitivity.

APPLICATIONS

The M 380 is an ideal bass drum mic both on stage and in the studio. The seemingly contradictory combinations of full bass response with crisp high end definition and of sensitivity with extreme SPL handling capability make the M 380 a superb complement to acoustic and electric basses, tubas and wind or brass instruments. The figure-eight polar pattern is useful for miking rack toms, percussion or Leslie cabinets. In this application one M 380 can reproduce both the top and bottom halves of the rotating speaker system. The M 380 also enhances the vocal depth and intelligibility of broadcast announcers.

FREQUENCY RESPONSE CURVE (± 2.5 dB)

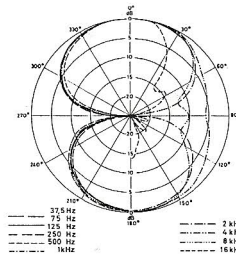
Measuring distance



SPECIFICATIONS

Operating principle	Pressure gradient
Frequency response	15 - 20 000 Hz
Polar pattern	Figure eight
Open circuit voltage at 1 kHz (0 dBV Δ 1 V/Pa)	5.0 mV/Pa Δ -46 dBV
Max. SPL at $k < 0.5$ % at 1 kHz	140 dB
Output level	-46 dBm (0 dBm Δ 1 mW/Pa)
Nominal output impedance	600 Ω
Load impedance	$\geq 1000 \Omega$
Magnetic field suppression	> 20 dB at 50 Hz
Diaphragm	Mylar [®]
Case	Die-cast zinc
Case finish	Black, chromium
Male connector	3 pin XLR-connector
Net weight (less cable)	approx. 370 g

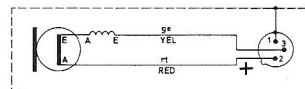
POLAR PATTERN



This polar pattern and frequency response curve correspond to typical machine run specifications for this microphone.

WIRING DIAGRAM

M 380 N (C)



Positive pressure produces positive voltage on red cable lead (+).

FURNISHED ACCESSORIES

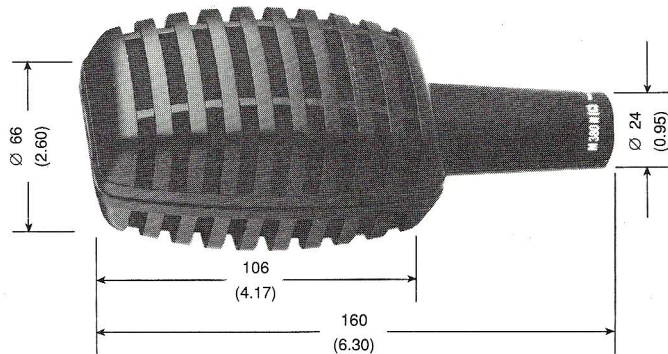
Case	Black zipper bag in solid box
Mic clip	MKV 8 with 3/8"-5/8" internal thread

OPTIONAL ACCESSORIES

Cable	Cables with various integral connector versions and in different colors see separate cable leaflet or ask your dealer.
Floor stand	GST 500 GST 590 (low adjusting level)

DIMENSIONS

In millimeters (inches in brackets)



Your dealer

Subject to change without notice