

OLD MICROPHONE  
NO LONGER IN PRODUCTION

**MILAB**<sup>®</sup>

# Condenser microphone BM-73

Handheld cardioid condenser mike



## Features:

The BM-73 is a versatile cardioid condenser microphone for operation on 48 volt MIPOW<sup>®</sup> system. The circular condenser element is mechanically insulated from the case by a built in elastic shock resistant suspension, and an electronic proximity filter is designed into the microphone. This is to reduce unwanted noise as well as

mechanical noise – when hand held – and still maintaining full frequency range response. Very smooth on-off axis response with minimal proximity effect. The uniformed off axis response renders it unusually immune to feedback problems and gives also excellent separation to the rear.

## Description:

- Large circular single membrane condenser capsule.
- Single FET pre-amplifier.
- FET voltage stabilizer.
- Built-in shock resistant suspension reducing handling noise to a minimum.

- Two position recessed slide switch for flat or proximity high-pass response.
- Steel mesh protective grill. Tough to take it "on the road".
- Well balanced for hand use. You will feel it in your hand.
- 3-pin male connector of XLR type at the base.

## Applications:

For all hand-held vocal use and pick-up in high sound pressure levels of close to medium distance. The wide frequency range with the inherent shock resistant characteristics make the BM-73 ideal for live sound reinforcement systems where strict cardioid pattern is

required whether in studio or outdoor applications. Excellent on close range brass instruments and voice due to the gently rising high end response which adds crispness where full harmonic detail is needed.

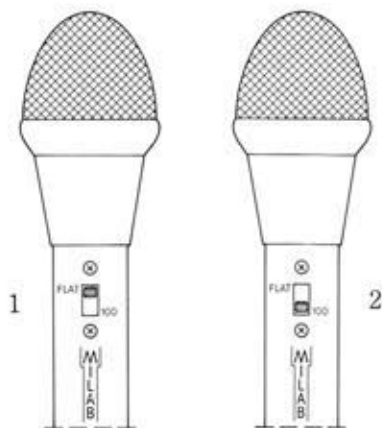
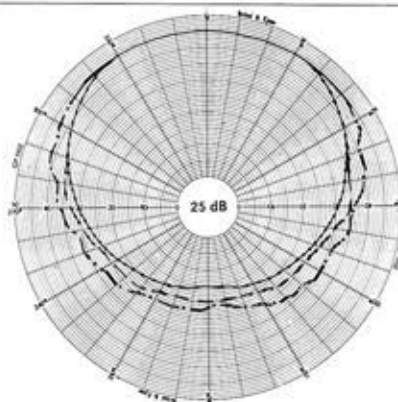
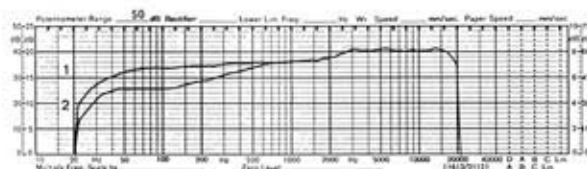
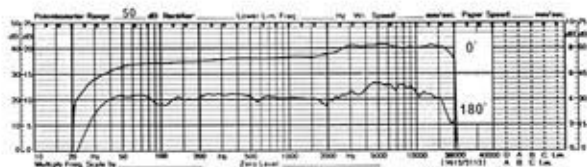
**Technical data:**

Directional pattern	Cardioid
Operating principle	One single membrane condenser capsule
Directivity index	14-16 dB
Frequency response	30-20.000 Hz
Sensitivity at 1 KHz (over 200 ohms re. 1 V.)	-46 dB/Pa
Output at 1 KHz (over 200 ohms re. 1 V.)	5.0 mV/Pa
Output at 1 KHz at max SPL (over 200 ohms re. 1 V.)	300 mV
Maximum SPL less than 1% dist.	144 dB
Self noise A-weighted (re. $2 \times 10^{-5}$ Pa)	20 dB
Dynamic range	124 dB
S/N-ratio at 1 KHz A-weighted	74 dB/Pa
Output impedance (balanced)	200 ohms
Supply voltage	MIPOW® system
Operating voltage	24 to 54 volt (nominal +48 volt)
Current consumption	1.2 mA

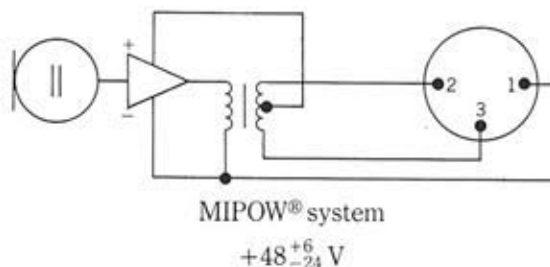
Capsule suspension	Silicone rubber
Connection	XLR 3 pin
Dimensions in millimeters	200 long 24/40 diam.
Weight in grams	325
Finish	Corroblack chrome

**Accessories:**

Accessories and description	Type	Incl.	Opt.
Microphone cable	3003 C	●	
Stand adaptor (5/8" x 27 TPI - 3/8")	1930/24	●	
Shockmount (5/8" x 27 TPI - 3/8")	1910/24		●
Windscreen (black)	V-25	●	
Windscreen Colored (red, yellow, blue, green)	VR-25 VY-25 VB-25 VG-25		●
Mains power supply (110/220 VAC)	8320/S		●
Battery power supply	8301		●
Carrying case (complete)	CC-25		●
Cardboard box		●	



Hz  
100-1000 ———  
2000-8000 - - - -  
12000 - - - - -



We reserve the right to alter specifications without notice.

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