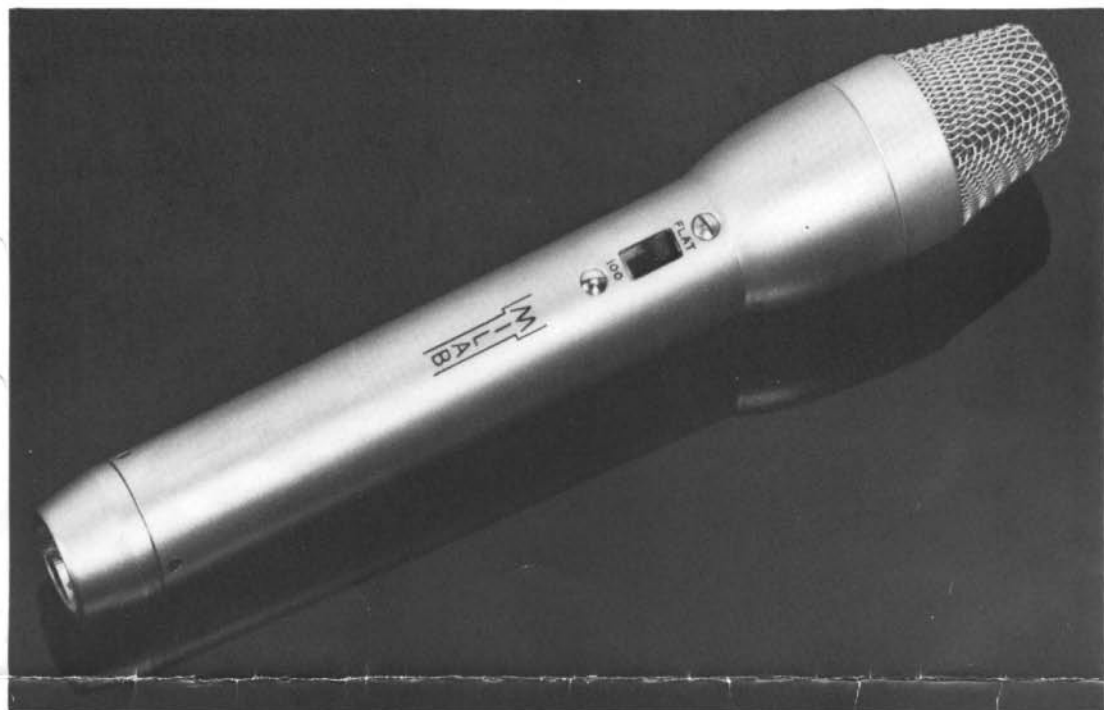


**MILAB**<sup>TM</sup>

# Condenser microphone DC-73

Handheld cardioid condenser mike



## Features:

The DC-73 is a versatile cardioid condenser microphone for operation on 48 volt MIPOW<sup>TM</sup> system. The circular condenser element is mechanically insulated from the case by a built in elastic shock resistant suspension, and an electronic "pop 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.

## Description:

- Circular single membrane full condenser capsule.
- Dual FET pre-amplifier.
- Built-in shock resistant suspension reducing handling noise to a minimum.
- Two position slide switch for flat or 100 Hz high-pass response.
- Electronic "pop-filter" built in.
- Steel mesh protective grill.
- Light weight and balanced for hand use.
- 3-pin XLR male connector at the base.



## Applications:

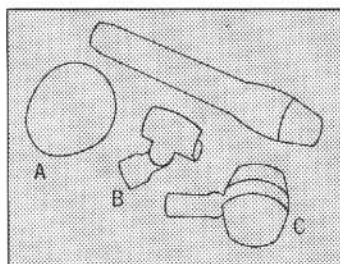
For all hand-held vocal use and pick-up in high sound pressure levels of close to medium distance. The wide frequency range with the inherent shock resistant characteristics make the DC-73 ideal for live sound reinforcement systems where strict cardioid pattern is required whether in studio or outdoor applications. Excellent on close range brass instruments and voice where full harmonic detail is needed.

## Technical data:

Directional pattern	Cardioid
Operating principle	One single membrane full condenser capsule
Directivity index	14-16 dB
Frequency response	30-20.000 Hz
Sensitivity at 1 KHz (over 200 ohms re. 1 V.)	-42 dB/Pa
Output at 1 KHz (over 200 ohms re. 1 V.)	8.0 mV/Pa
Output at 1 KHz at max SPL (over 200 ohms re. 1 V.)	300 mV
Maximum SPL less than 1% dist.	146 dB
Self noise A-weighted (re. $2 \times 10^{-5}$ Pa)	24 dB

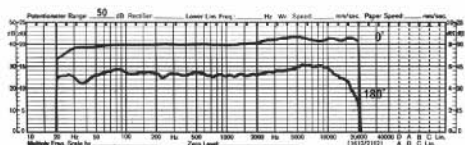
Dynamic range	122 dB
S/N-ratio at 1 KHz A-weighted	70 dB/Pa
Output impedance (balanced)	200 ohms
Supply voltage	MIPOW™ system
Operating voltage	24 to 54 volt (nominal +48 volt)
Current consumption	0.8 mA
Capsule suspension	Silicone rubber
Connection	XLR 3 pin
Dimensions in millimeters	200 long 24/32 diam.
Weight in grams	255
Finish	Satin Chrome

## Accessories:

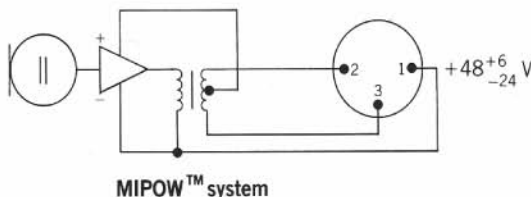
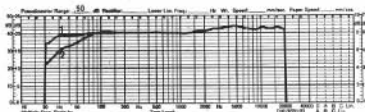
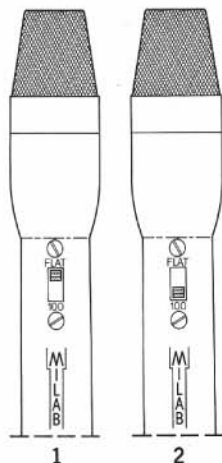
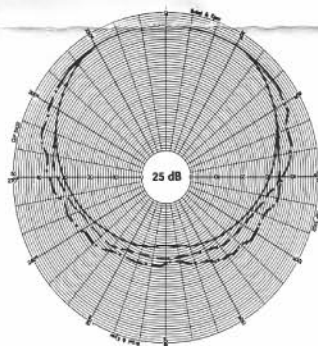


A Windscreen  
B Stand adaptor  
C Shockmount

Accessories and description	Type	Included	Optional
Microphone cable	3003 C	●	
Stand adaptor (5/8" x 27 TPI)	1930/24	●	
Shockmount (5/8" x 27 TPI)	1910/24		●
Windscreen (grey)	V-73	●	
Windscreen Colored (red, yellow, blue, green)	VR-73, VY-73 VB-73, VG-73		●
Mains power supply (110/220 VAC)	8320/S		●
Battery power supply	7325 C		●
Carrying case (mike only)	Case		●
Carrying case (complete)	CC-73		●
Cardboard box		●	



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



We reserve the right to alter specifications without notice.

## Milab Microphones AB

Mailing address  
P. O. Box 1342  
S-251 13 HELSINGBORG  
SWEDEN

Office address  
Norra Strandgatan 4

Phone  
+46 42 381620

Fax  
+46 42 136350

E-mail  
milab@milabmic.com  
Internet  
www.milabmic.com