

### Studio

**Vocals “- A true challenge”.**  
**One of the most sophisticated**  
**vocal recording microphones ever**  
**made. Based on Milab rectangular**  
**large dual membrane capsule.**



*Handmade in Sweden  
with lifetime warranty*

Vocals - a true challenge. One of the most sophisticated vocal recording microphones ever made.

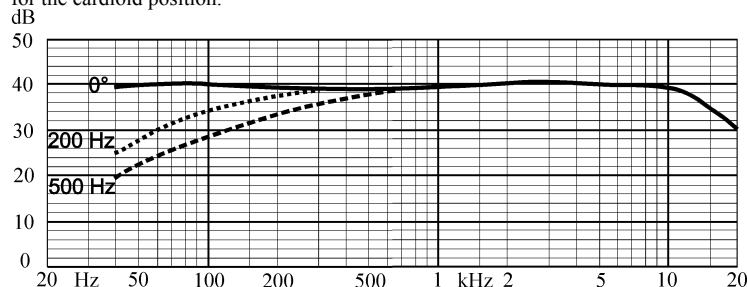
- **Transformerless**
- **Variable pattern**
- **200/500 Hz high pass filters**
- **-10/-20 dB pre-attenuation**
- **Rectangular large dual membrane capsule**
- **Shock absorbing rubber fitted capsule**

Frequency response	20-20 000 Hz ( See graph )
Polar patterns ( switchable )	Cardioid, Wide Cardioid, Hyper Cardioid Figure - 8, Omni
Filters (switchable )	200 Hz high pass 500 Hz high pass
Pre-attenuation ( switchable )	-10 dB -20 dB
Maximum SPL ( 1 % THD at 1 kHz)	112 dB
with 10 dB pad	122 dB
with 20 dB pad	132 dB
Sensitivity at 1 kHz	14 mV/Pa $\pm$ 1 dB
A-weighted noise level ( IEC 179-A )	$\leq$ 19 dB
Power supply	48 $\pm$ 4 V phantom
Current consumption	3,5 mA
Output impedance	< 200 $\Omega$
Minimum load impedance	1 k $\Omega$
Connection	3-pin XLR pin 1: earth ( Shield ) pin 2: plus ( Hot ) pin 3: minus ( Cold )
Net weight	400 g
Length	170 mm
With	47 mm
Thickness (max)	50 mm

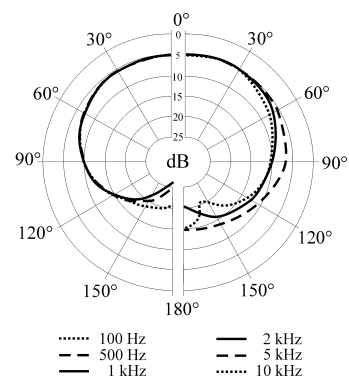


### Frequency response (at 1m distance)

The frequency response may vary within  $\pm 2,5$  dB of the published graph.  
Before delivery, each microphone is measured and accompanied with it's own graph for the cardioid position.



### Polar diagram



## 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