

OLD MICROPHONE
NO LONGER IN PRODUCTION

MILABTM

Condenser microphone

VM-40 VM-41

Four-pos. ring switch omni/cardioid mike



Features:

The VM-40 (omni-directional) and VM-41 (cardioid) condenser microphones are both for operation on 48 volt MIPOWTM system. Ruggedly constructed and small physical size, the VM-SERIES feature a unique four-position ring switch to permit selection of either full range frequency response or gentle roll-off from 1 kHz with 12 dB down at 50 Hz. A 10 dB pad is also incorporated for both full range and roll-off positions.

Description:

- Circular single membrane full condenser capsule.
- Single FET pre-amplifier.
- Four-position ring switch built around two reed switches for full range or high-pass response with 10 dB pad.
- Rugged construction.
- Precision machined solid case.
- 3-pin XLR male connector at the base.

Applications:

For all high quality professional uses, and particularly impressive on acoustic instruments, overhead percussion, cymbals, snare and brass. Recommended position of use is from about three inches to several feet from source depending on sound pressure levels and desired degree of natural ambience pick-up. May be used effectively as a podium/lecturn microphone for public address.

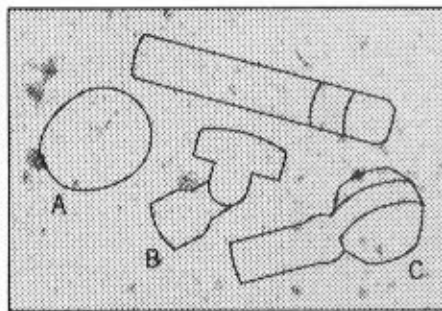


Technical data:

Directional pattern	VM-40 Omni-directional VM-41 Cardioid
Operating principle	One single membrane full condenser capsule
Directivity index	12-15 dB
Frequency response	30-20.000 Hz
Sensitivity at 1 KHz with 10 dB pad (over 200 ohms re. 1 V.)	-42 dB/Pa -52 dB/Pa
Output at 1 KHz with 10 dB pad (over 200 ohms re. 1 V.)	8.0 mV/Pa 2.5 mV/Pa
Output at 1 kHz at max SPL (over 200 ohms re. 1 V.)	300 mV
Maximum SPL less than 1% dist. with 10 dB pad	146 dB 155 dB

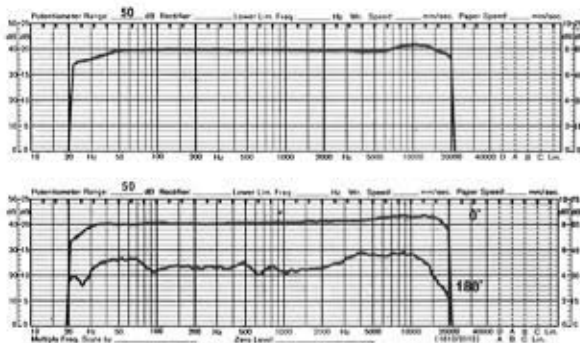
Self noise A-weighted (re. 2×10^{-5} Pa)	23 dB
Dynamic range with 10 dB pad	123 dB 132 dB
S/N-ratio at 1 KHz A-weighted	71 dB/Pa
Output impedance (balanced)	200 ohms
Supply voltage	MIPOW™ system
Operating voltage	40 to 54 volt (nominal +48 volt)
Current consumption	0.8 mA
Connection	XLR 3 pin
Dimensions in millimeters	135 long 19 diam.
Weight in grams	120
Finish	Satin Chrome

Accessories:

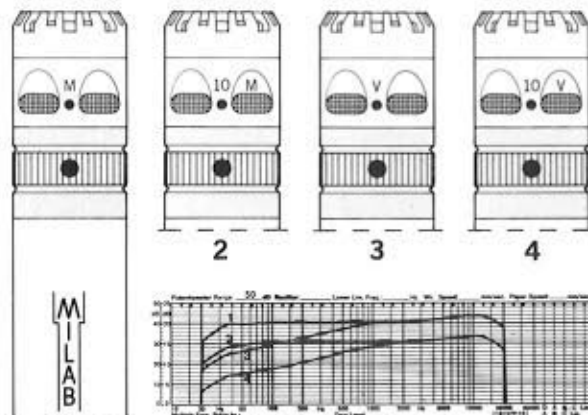
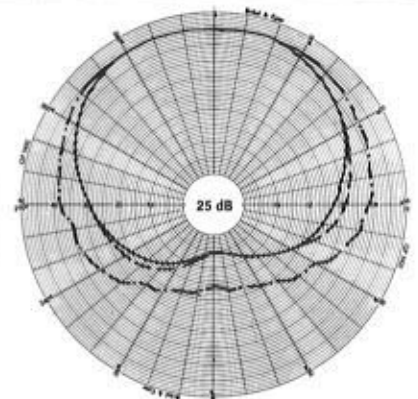


A Windscreen
B Stand adaptor
C Shockmount

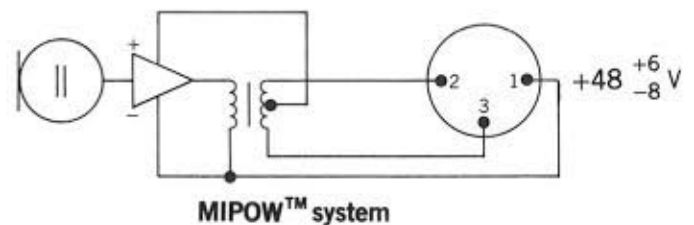
Accessories and description	Type	Included	Optional
Microphone cable	3003 C	●	
Stand adaptor (5/8" x 27 TPI)	1930/18	●	
Shockmount (5/8" x 27 TPI)	1910/18		●
Windscreen (grey)	V-21	●	
Windscreen Colored (red, yellow, blue, green)	VR-21, VY-21 VB-21, VG-21		●
Mains power supply (110/220 VAC)	8320/S		●
Battery power supply	7325 C		●
Carrying case (mike only)	Case		●
Carrying case (complete)	Comp		●
Cardboard box		●	



Hz
100-1000
2000-8000
12000



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MIPOW™ system

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