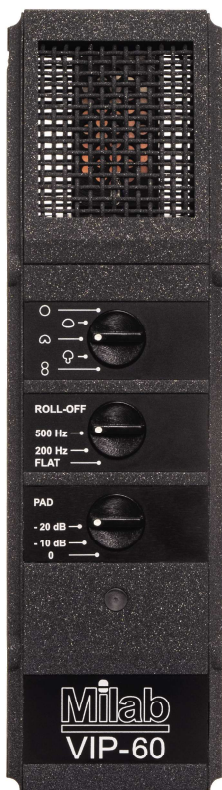


Milab



Milab VIP-60 Quick Guide Manual

Thank You for Choosing a Milab Microphone!

With a history that goes back to the 1930s, Milab is one of the oldest, continuously operating microphone manufacturers in the world.

Every one of our microphones is handcrafted in our plant in southern Sweden. Our quality control is meticulous and all microphones have to pass several stages of testing, including rigorous audio tests in our anechoic chamber.

We believe in our products, which is why every microphone is delivered with its own individual frequency chart and our industry-leading lifetime warranty.

Congratulations on your purchase and welcome to the Milab family!

Thomas Nöjd, President

Package Includes

- Milab VIP-60 condenser microphone
- Rycote InVision USM shockmount
- Individual frequency chart
- Quick guide manual

The Milab VIP-60 Condenser Microphone

The VIP-60 is an upgrade of what is arguably the most iconic Milab model ever produced, the VIP-50. While the VIP-60 boasts a new capsule, optimized circuitry and a significant reduction in self-noise, fans of the predecessor will still recognize the unique sound with its ribbon-like warmth, sparkly highs and, of course, the extremely smooth off-axis response.

This is a microphone that has been designed to be the crown jewel of any studio, and it has the sparkly Nextel metallic finish to prove it (but is also available in black).

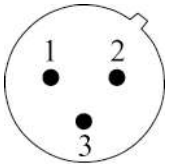
The VIP-60 offers five different polar patterns and a selection of filters and pre-attenuation pads. It is delivered in an SKB 3i waterproof case with a Rycote InVision USM shockmount. Factory matched pairs are available.

Connection

The VIP-60 can be connected to any mic input, mixer/amplifier, or mic preamp using a standard microphone cable (XLR). The microphone is designed for phantom powering at 48 V (P48, IEC 1938) with positive voltage on the audio lines versus the cable shield.

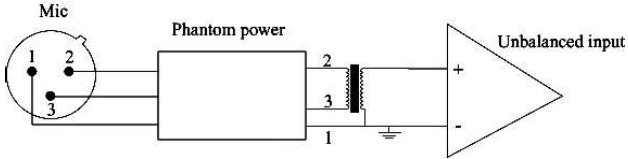
Microphone XLR pinout:

- 1: Ground (shield)
- 2: Hot (+ phase)
- 3: Cold (- phase)

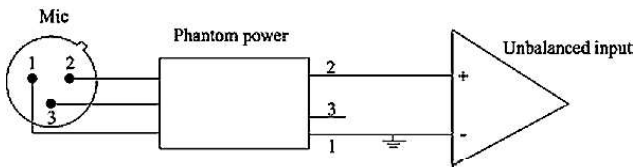


If the input device does not support phantom power, an external power supply has to be connected between the microphone and the input. Make sure that the extra phantom power has a DC-free output against the mixer, otherwise an RC network has to be incorporated to block the 48 VDC.

Connecting the microphone to an unbalanced input:



Connecting the microphone to an unbalanced input without a transformer. Pin 2 is the “hot phase“ and should be connected to the input. Pin 3 should be left open:



Guidelines for Use

- The VIP-60 should be aimed with the Milab logo towards the sound source (when using a directional polar pattern).
- The VIP-60 offers a selection of five different polar patterns. Firmly turn the knob to set the desired pattern.
- The VIP-60 is equipped with a pre-attenuation pad switch. In situations where sound levels may exceed 118 dB SPL, set the switch to the -10 dB position. If sound levels may exceed 128 dB SPL, set the switch to the -20 dB position.
- The VIP-60 is fitted with a switchable roll-off filter which attenuates frequencies below 200 Hz or 500 Hz (see frequency chart).
- The VIP-60 should be placed in the enclosed shockmount. It is not intended to be used as a handheld device.
- We recommend the use of an external pop filter (optional) to reduce popping sounds when recording close-up vocals.
- Protect the microphone from dust and dirt which may damage the membrane.
- The microphone should not be exposed to water, extreme temperatures or humidity.

Service & Cleaning

All service and repair of the microphone should be performed by authorized personnel. All metal surfaces may be safely cleaned from time to time with a damp cloth.

CAUTION! Protect the membrane when cleaning.

Declaration of Conformity CE

Milab Microphones AB declares that this device conforms to all applicable EU directives/regulations. The aforementioned product may only be used for audio purposes and in configurations approved by the manufacturer.

Lifetime Warranty

Your microphone is covered by our lifetime warranty. If you experience any problems, please contact the place where you purchased it for further instructions.

The warranty is intended to protect the customer from manufacturing and/or material defects. It does not cover careless or improper handling (intentional or unintentional), such as physical negligence, electrical overload etc.

Terms and conditions apply and are available on request. Please visit www.milabmic.com/warranty for more information.

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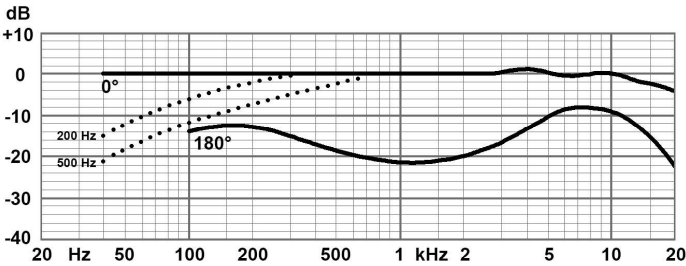
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Last revision: 17 January 2024

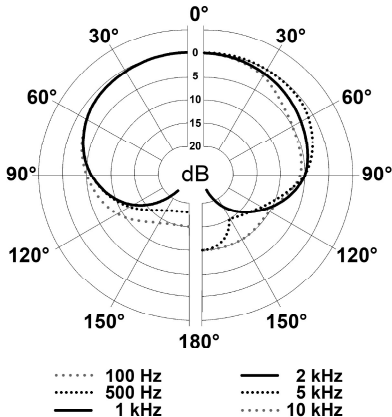
Specifications

Product name:	Milab VIP-60
Type:	Condenser
Article number:	1160
Frequency response:	20 to 20,000 Hz
Polar pattern:	Cardioid, Wide Cardioid, Omni, Hypercardioid, Bidirectional
Roll-off filter:	200 Hz & 500 Hz (switchable)
Pre-attenuation pad:	-10 dB & -20 dB (switchable)
Max SPL (1 % THD at 1 kHz):	118 dB
Max SPL with pad:	128/138 dB (-10 dB/-20 dB pad)
Sensitivity at 1 kHz:	14 mV/Pa (± 1 dB)
Noise level (IEC 179-A):	14 dBA
Power supply:	48 \pm 4 V Phantom (DIN/IEC)
Current consumption:	4 mA
Output impedance:	<200 Ω
Min. load impedance:	1 k Ω
Connection:	3-pin XLR
Length:	170 mm
Width/depth:	47/50 mm
Net weight:	400 g

Frequency chart (cardioid):



Polar diagram (cardioid):



For more information,
please visit:
www.milabmic.com

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