



High performance
microphones
Professional Series

KP-6M Standard
Test & Measurement

The KP-6M is an omnidirectional 1/4 inch condenser microphone designed to be used in conventional test and calibration systems, and as the perfect companion to all measurement software currently available for PC's and DAWs.

This is a specific measurement tool but it still sounds "musical" on instruments and LIVE recordings, as well. The specially designed, bullet-nozzle profile of the KP-6M produces a soft and low reflection pattern and is minimally invasive for the incoming acoustic wave field.

The KP-6M also features patented fast and neutral transformerless electronics powered by 15V to 48V Phantom voltage.

Once again, the combination of art and technology lets us offer an affordable, precision tool for making recordings and measurements.

Units can also be obtained in matched pairs for stereo recordings.



THE
Art of Sound

Technical Specifications

KP-6M Test & Measurement Microphone Specifications

Directional pattern	omnidirectional
Operation principle (transducer)	pressure transducer
Polarization Type	pre-polarized
Sensitivity	20 mV/Pa
Frequency response range	20 - 20,000 Hz
Equivalent SPL rated at CCIR 468-3	29 dB
At DIN / IEC 651	17 dB-A
S/N ratio rated at DIN / IEC at 1 Pa.	77 dB-A
Max SPL for 1 % THD	128 dB SPL
Size (Capsule)	Ø 6.2 mm

KP-6M Testing Preamp ifier

This "State of THE® Art" testing microphone pre-amplifier, benefits from an entirely new (patented) and accurate design, using selected active components as well as extremely low noise metal film resistors, low-loss polyester capacitors.

The precision internal preamplifier design, results in a circuit having high stability, low noise, symmetrical transformerless high-capability output and low dynamic output impedance.

The assembly is made with THE® finest materials, using Teflon®, Delrin® and 24K gold plated (where needed), going through several functional, burn-in and quality checks, before leaving THE® factory.

KP-6M PreAmp Specifications

Powering (Phantom)	15 to- 48 Vdc (1)
Power Consumption	2 to 3 mA
Frequency Response	20 Hz to 20 Khz +/- 2 dB
Output Impedance (5 Hz to 30 Khz)	< 90 Ohms
Connector Type	XLR-3
Diameter	20.5 mm
Total Length	182 mm
Weight	130 gr.

(1) With 15 Vdc, the Maximum SPL is reduced in 7 dB.

All THE specifications are subject to change or improvements without notice.

THE Professional Studio Series



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