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PMP 47

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NEW CALIBRATED INSTRUMENTS FOR REGISTERING NOISE AND VIBRATION



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PLACID PMP47

1/4" Pre-Polarized Nominal Pressure-field Microphone, Class 1



Specification

Frequency Range
20 Hz to 20 kHz

Dynamic Range
35 to 162 dB(A)

Nominal Sensitivity
4 mV/Pa

The PMP47 is a 1/4" pre-polarized nominal pressure-field microphone, classified per IEC 61094 as WS3P Class 1.

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Specification

Basics

The PLACID PMP47 is a high-precision condenser microphone manufactured in compliance with the IEC 61094-4 requirements and classified as a class 1 microphone.
The PMP47 microphone is optimized for nominal pressure-field measurements. As all PLACID microphones, the PMP47 comes with an individually calibration certificate.

Connectivity

The PLACID PMP47 microphone requires a standardized 1/4" BNC preamplifier that does not need to provide polarization.

Uses

The PMP47 is a robust and stable microphone and is being used as an all-round free field microphone suitable for laboratory as well as field jobs.

Daily usage

PLACID recommends calibration before and after each measurement with a calibrator.

Individual calibration

All PLACID microphones are being calibrated in a controlled laboratory environment using traceable calibration equipment complying with ISO17025 standards.
We recommend that all PLACID microphones are re-calibrated every year to guarantee an optimized usage.
PLACID Traceable Calibration is performed by our qualified staff and under controlled conditions according to the procedures and standards such as ISO17025.

Quality

All PLACID microphones are made of high-quality materials that will ensure long stability and durability.
The microphone diaphragm, body, and protection grid are made of high-grade stainless steel, which makes the microphone resistant to physical damage. PLACID offers 2 years warranty against defective materials and workmanship.

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Datasheet PLACID PMP47 Microphone

Class / type	1
Polarization	0 V
Frequency range	20 Hz to 20 kHz
Dynamic range	35 – 162 dB(A)
Nominal Sensitivity	4 mV/Pa
Temperature range, operation	-30 – 75 Celsius
IEC 61094 Designation	WS3P Class 1
Humidity operating Range	0 to 90 % RH
Ventilation	Side
Weight	1.9 grams
Height	10.5 mm