



PLACID  
MEASUREMENT  
MICROPHONE

**PMP  
47**

# ACCURATE & STABLE

PLACID MEASUREMENT MICROPHONES

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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

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### 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**



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



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