



PLACID
MEASUREMENT
MICROPHONE

**PMP
40-1A**

ACCURATE & STABLE

PLACID MEASUREMENT MICROPHONES

Discover a wide selection of our measurement microphones according to your sound measurement needs

Placid Instruments BV

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PLACID PMP40-1A

Non-detachable microphone, optimized for use with impedance tube

7 MM PRE-POLARIZED FREE-FIELD MICROPHONE, CLASS 2



Specification

Frequency Range

20 Hz to 20 kHz

Dynamic Range

30 to 126 dB(A)

Nominal Sensitivity

50 mV/Pa

The PMP40-1A is a 7 mm pre-polarized free-field microphone, classified per IEC 61094 as Class 2.



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Specification

Basics

The PLACID PMP40-1A is a high-precision condenser microphone manufactured in compliance with the IEC 61094-4 requirements and classified as a class 2 microphone. The PMP40 microphone is optimized for free-field measurements. As all PLACID microphones, the PMP40-1A comes with an individually calibration certificate.

Connectivity

The PLACID PMP40-1 microphone and preamplifier has a SMB connector.

Uses

The PMP40-1A 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 PMP40-1A



Class / type	2
Polarization	0 V
Frequency range	20 Hz to 20 kHz
Dynamic range	30 – 126 dB(A)
Nominal Sensitivity	50 mV/Pa
Temperature range, operation	-30 – 75 Celsius
Humidity operating Range	0 to 90 % RH
Ventilation	Rear
Weight	9.2 grams
Height	65 mm
Diameter	1/4 “



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