

PLACID PMP41

1/4" Pre-Polarized Free-field Microphone, class 1



Frequency range: 30 Hz to 20 kHz
Dynamic range: 40 dBA to 160 dB(A)
Sensitivity: 4 mV/Pa

The PMP41 is a 1/4" pre-polarized free-field microphone, classified per IEC 61094 as WS3F.

Specifications

Basics

The PLACID PMP41 is a high-precision condenser microphone manufactured in compliance with the IEC 61094-4 requirements and classified as a class 1 microphone.

The PMP41 microphone is optimized for free-field measurements.

As all PLACID microphones, the PMP41 comes with an individually calibration certificate.

Connectivity

The PLACID PMP41 microphone requires a standardized 1/4" BNC preamplifier that does not need to provide polarization.

Uses

The PMP41 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.

Datasheet PLACID PMP41 microphone

Designation IEC61094	WS3F
Class / type	1
Polarization	0 V
Frequency range	30 Hz to 20 kHz
<i>Customized version by request</i>	30 Hz to 70 kHz
Dynamic range	40 – 160 dB(A)
Sensitivity	4 mV/Pa
Temperature range, operation	-30 – 75 Celsius
IEC 61094 Designation	WS3F
Humidity operating range	0 to 98% RH
Ventilation	Rear
Weight	1.9 grams
Height	10.5 mm



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