



PLACID
MEASUREMENT
MICROPHONE

PMV
21

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 PMV21

1/2" EXTERNALLY POLARIZED FREE-FIELD MICROPHONE, CLASS 1



Specification

Frequency Range

20 Hz to 20 kHz

Dynamic Range

16 to 150 dB(A)

Nominal Sensitivity

40 mV/Pa

The PMV21 is a 1/2" externally polarized free-field microphone, classified per IEC 61094 as WS2F Class I.



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Specification

Basics

The PLACID PMV21 is a high-precision condenser microphone manufactured in compliance with the IEC 61094-4 requirements and classified as a class 1 microphone. The PMV21 microphone is optimized for free-field measurements. As all PLACID microphones, the PMV21 comes with an individually calibration certificate

Connectivity

The PLACID PMV21 microphone requires a standardized 1/2" BNC preamplifier that needs to provide 200 Volt polarization.

Uses

The PMV21 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 PMV21



Class / type	1
Polarization	200V
Frequency range	20 Hz to 20 kHz
Dynamic range	16 – 150 dB(A)
Nominal Sensitivity	40 mV/Pa
Temperature range, operation	-30 – 75 Celsius
IEC 61094 Designation	WS2F Class I
Humidity operating Range	0 to 90 % RH
Ventilation	Rear
Weight	8.9 grams
Height	17.6 mm



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