



PLACID
MEASUREMENT
MICROPHONE

**PMV
27**

ACCURATE & STABLE

PLACID MEASUREMENT MICROPHONES

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

Placid Instruments BV

Newtonlaan 115

Office No. 2.21

3584 BH UTRECHT

THE NETHERLANDS

info@placidinstruments.com

www.placidinstruments.com

ASK US!
HERE





PLACID INSTRUMENTS BV

Newtonlaan 115 Office No. 2.21 3584 BH UTRECHT, THE NETHERLANDS

Phone +31 302106021

email info@placidinstruments.com

website www.placidinstruments.com

PLACID PMV27

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



Specification

Frequency Range

20 Hz to 20 kHz

Dynamic Range

25 dBA to 155 dB(A)

Nominal Sensitivity

12 mV/Pa

The PMV27 is a 1/2" externally polarized pressure-field microphone, classified per IEC 61094 as WS2P Class I.



PLACID INSTRUMENTS BV

Newtonlaan 115 Office No. 2.21 3584 BH UTRECHT, THE NETHERLANDS

Phone +31 302106021

email info@placidinstruments.com

website www.placidinstruments.com

Specification

Basics

The PLACID PMV27 is a high-precision condenser microphone manufactured in compliance with the IEC 61094-4 requirements and classified as a class 1 microphone.

The PMV27 microphone is optimized for Pressure-field measurements. As all PLACID microphones, the PMV27 comes with an individually calibration certificate.

Connectivity

The PLACID PMV27 microphone requires a standardized 1/2" BNC preamplifier that needs to provide 200 Volt polarization.

Uses

The PMV27 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.



PLACID INSTRUMENTS BV

Newtonlaan 115 Office No. 2.21 3584 BH UTRECHT, THE NETHERLANDS

Phone +31 302106021

email info@placidinstruments.com

website www.placidinstruments.com

DATASHEET PLACID PMV27



Class / type	1
Polarization	200V
Frequency range	20 Hz to 20 kHz
Dynamic range	25 – 155 dB(A)
Nominal Sensitivity	12 mV/Pa
Temperature range, operation	-30 – 75 Celsius
IEC 61094 Designation	WS2P Class I
Humidity operating Range	0 to 90 % RH
Ventilation	Side
Weight	6.8 grams
Height	12.3 mm



Placid Instruments BV

Newtonlaan 115, Office No. 2.21

3584 BH UTRECHT

THE NETHERLANDS

Phone landline : +31 302106021

Email : info@placidinstruments.com

www.placidinstruments.com

ASK US!
HERE

