



PLACID
MEASUREMENT
MICROPHONE

**PNV
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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ASK US!
HERE





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PLACID PNV21

1/2" STANDARD PREAMPLIFIER



Specification

Frequency Range
5.0 Hz to 100 kHz

Noise
< 2.0 μ V

Usage
General purpose

The PLACID PNV21 1/2" Preamplifier is a robust preamplifier designed to be used for acoustic measurements with condenser microphones.

The self-noise is very low, it has a wide dynamic range and frequency response.



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Specification

Design

All PLACID ICCP microphone preamplifiers are designed for ¼", ½" and 1" condenser microphones.

The preamplifiers are optimized to have a flat frequency response which will ensure high quality acoustic measurements.

Self Noise

The electrical circuit has especially been designed to ensure a low self-noise level which typically be much lower than the self-noise of the microphone cartridge.

Impedance

The PLACID PNV21 input impedance is over 5 Ω , the output impedance is less than 110 Ω .

Daily usage

- General-purpose preamplifier
- High-frequency measurements
- High-pressure measurements



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DATASHEET PLACID PNV21 PREAMPLIFIER



Frequency Response (Ref. 250 Hz, 0.2 dB)	5.0 Hz to 100 kHz
Input Impedance	> 5 G Ω
Output Impedance	< 110 Ω
Max Output Voltage	10.0 Vrms
Noise (A-Weighted)	< 2.0 μ V
Noise (Linear 20 Hz – 20 kHz)	< 6.0 μ V
Power Requirement	28 V or 120 V
Temperature operational range	- 40 to 100 Celcius
Temperature storage range	-40 to 100 Celcius
Humidity operational range noncondensing	0 to 98 % Rh
Output Connector Type	7-pin LEMO
Diameter	½ Inch
Weight	28 Gram
Length	80 mm



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