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**PLACID**  
PLACID INSTRUMENTS

# ACCURATE & EASY TO USE

Discover a wide selections of our  
sound measurement equipments according to your  
sound measurement needs

CLASS 1 USB MEASUREMENT MICROPHONE  
PLACID PMNU21

[www.placidinstruments.com](http://www.placidinstruments.com)



PLACID INSTRUMENTS BV

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PLACID  
PMNU21  
Class 1 USB  
Measurement  
Microphone



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## Summary

PLACID PMNU21, Class 1 USB measurement microphone integrates a test microphone, microphone preamplifier, a 24 bit A/D converter and USB interface, It transmits measurement data seamless to a PC or a mobile terminal through a USB cable. The Class 1 microphone carries out high performance noise measurements with test software.

## Product Features

Direct power supply from a PC or mobile terminal without the need of additional external power supply.

Compatible with Windows as well as Android operating system. It's fully plug-and-play, no need to install any additional driver.

The PMNU21 Class 1 USB microphone includes 2 channels, one for low sensitivity and one for high sensitivity. Depending on the application the appropriate channel can be selected.



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## Technical Specification

- Application: Precision Noise measurement /sound recording
- Microphone: 1/2 inch pre polarized condenser microphone
- Class 1 IEC61672
- Frequency range: 20Hz 20KHz
- Nominal sensitivity: 50mV / PA
- Dynamic range: 26dB 126dB
- Sampling frequency: 48KHz
- Sampling bits: 16bit
- USB standard: USB2.0, downward compatible with USB1.1
- USB power supply: 5V
- Overall dimension: total length 118 mm, diameter 13 mm, outer diameter 13 mm
- Weight: 40g

## Class 1 USB microphone set

- 1 x packing case (with inner core)
- 1 x portable velvet bag
- 1 x instruction manual
- 1 x standard USB cable (2m)
- 1 x type C adapter
- 1 x windscreen
- 1 x desktop mini tripod
- 1 x universal chuck (with 1 / 4 "adapter nut)



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