



ACCURATE & EASY TO USE

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

CLASS1 USB MEASUREMENT MICROPHONE
PLACID PMNU21

www.placidinstruments.com



PLACID INSTRUMENTS BV

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

Phone Landline: +31 302106021

Worldwide (except Europe): +31 613915102

Europe: +31 622813335

info@placidinstruments.com

www.placidinstruments.com



PLACID
PMNU21
Class 1 USB
Measurement
Microphone



PLACID INSTRUMENTS BV

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

Phone Landline: +31 302106021

Worldwide (except Europe): +31 613915102

Europe: +31 622813335

info@placidinstruments.com

www.placidinstruments.com



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.



PLACID INSTRUMENTS BV

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

Phone Landline: +31 302106021

Worldwide (except Europe): +31 613915102

Europe: +31 622813335

info@placidinstruments.com

www.placidinstruments.com

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)