



ACCURATE & EASY TO USE

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

WIRELESS LORA NMT
PL-WNMT01

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 Wireless Lora NMT PL-WNMT01

PORTABLE WIRELESS
DISTRIBUTED NOISE
TEST EQUIPMENT





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 Wireless Lora NMT PL-WNMT01

SYSTEM FEATURES

High Accuracy

Our PL-WNMT01 is fully Class 1 certified. The highest accuracy for regular noise monitoring available.

Wireless Transmission

This is a LORA based wireless noise monitoring station, registering and log acoustical data.

Rapid Deployment

No wiring is needed, efficient configuration, fast acoustic calibration. Built-in rechargeable long-lasting battery.

One button to generate report

The test software can collect the test result of all nodes at site and generate a report.

Reliable Data

Some of the main advantages of LORA wireless communication:

- flexible networking
- cost effective
- low power consumption
- secure data transmission

Long distance transmission

In an open environment our LORA based acoustic Class 1 logger can transmit over a distance up to 10 kilometers.

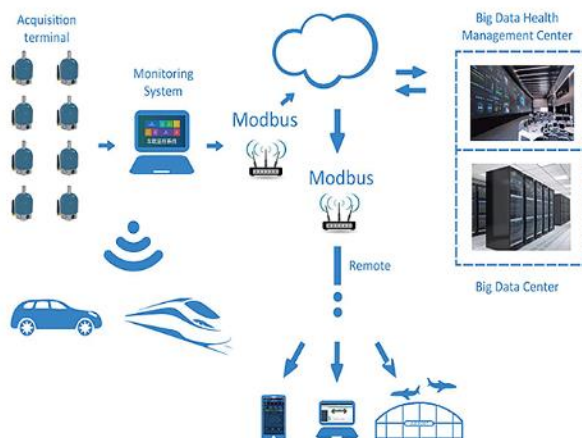
Local Acoustic Data Storage

The software supports a one button reporting. It can generate a report from all used nodes.

SOFTWARE INTERFACE



SYSTEM DIAGRAM





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

Datasheet PLACID PL-WNMT01



Microphone	½ inch Class I Free field microphone
Dynamic Range	30 ~ 130dB
Frequency range (Hz)	20Hz ~ 20kHz
Nominal Sensitivity	33.5mV/Pa
Sampling Rate	44.1 KHz
Sampling accuracy	24 bits
Noise Flood	27 dB (A-Weighting)
Power supply mode	Lithium battery power supply or external adapter power supply
Battery Life	Continuous acquisition and storage, battery life 8 hours
Native storage	Built in 16 G SD Card