



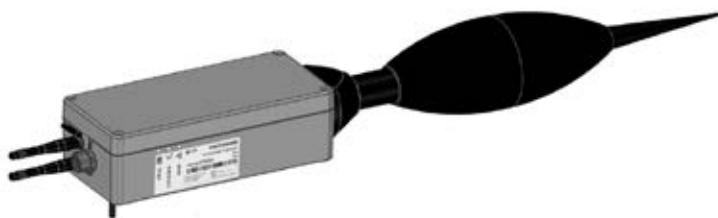
Quick start guide NP2

Outdoor Noise Monitoring Station, Class 2
for outdoor use, dBA/dBC measurements,
1/3 octave spectrum, audio streaming and noise recognition
64 GB logging and WAV storage

You will find more information about your noise monitoring station in the portal.
Please use the login details that you received per e-mail.

In case of any questions:

- Send an e-mail to support@munisense.com, or
- Create a support ticket in the portal (admin/manager), or
- Call us at +31 (0)71-711 4624 (within office hours)



More information? Log in on your online portal. Additional questions? support@munisense.com

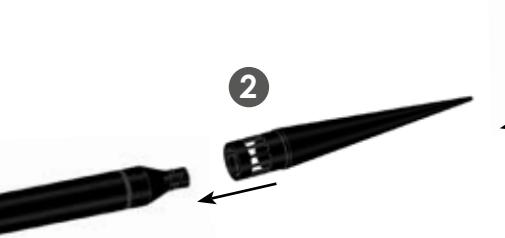
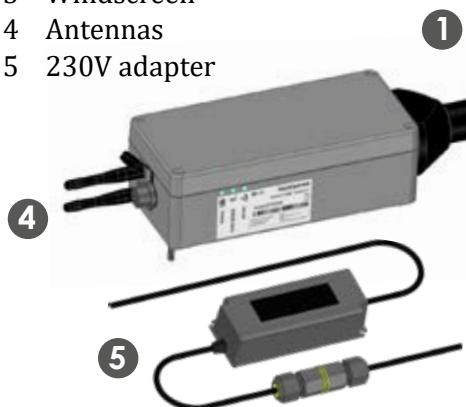
v 1.1



Quick start guide NP2

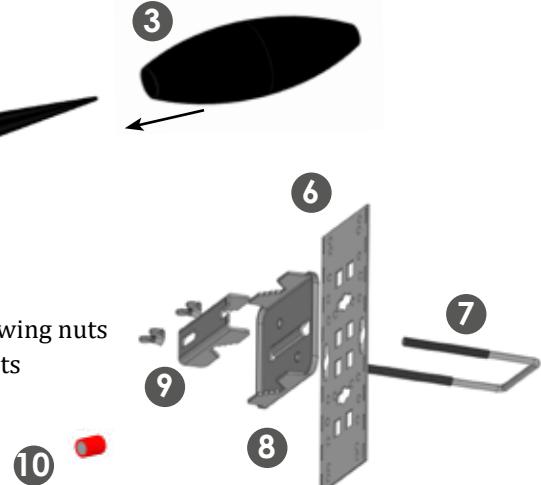
Contents of this box:

- 1 NP2
- 2 Weather protector
- 3 Windscreen
- 4 Antennas
- 5 230V adapter

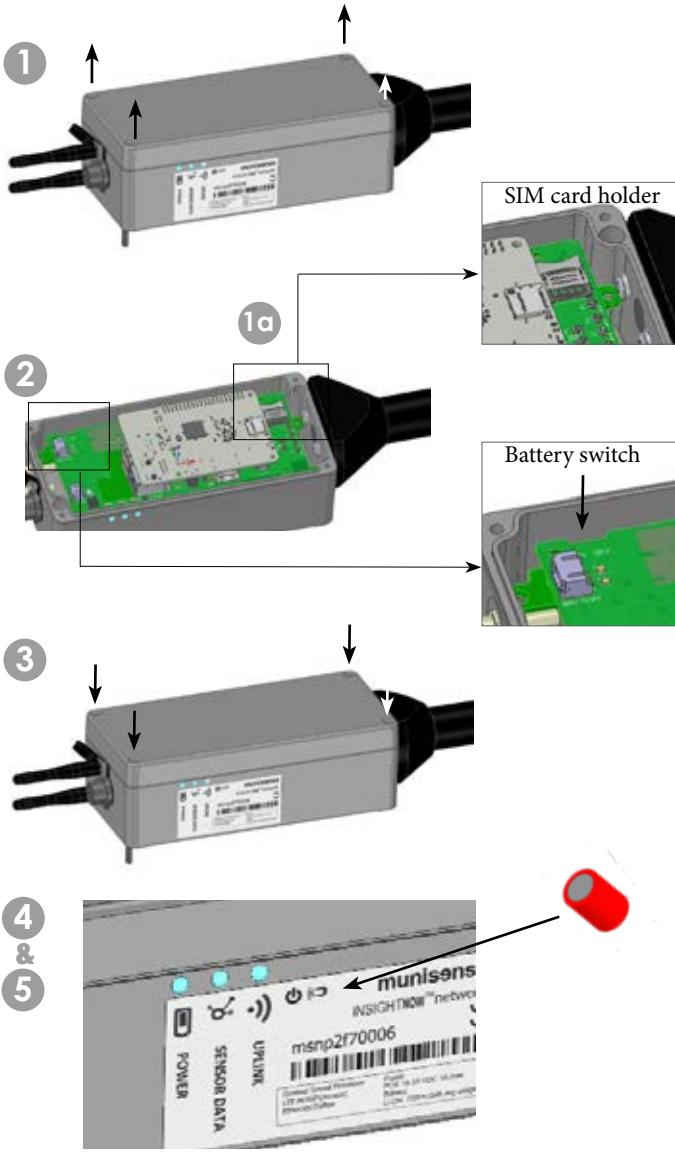


and the pole clamp set:

- 6 Mounting plate - 2 small wing nuts
- 7 U-bracket - 2 big wing nuts
- 8 Clamp plate wide
- 9 Clamp plate small
- 10 Magnet



First use instructions



1. Unscrew the four screws of the lid of the NP2 and take the lid off.
 - a. *Optional, to add a SIM card:*
Make sure that the battery switch is off and that the powercable is not connected. Insert the SIM card in the SIM card slot.
2. Flip the battery switch to "ON". This starts the booting sequence and the LED-indicators light up.
Note, the internal battery will not be fully charged upon receipt. Charging from empty to full takes max. 5 hours.
3. Place the lid on the housing and secure it with the four screws.

Magnet switch:

To save the power in the battery (for instance during transport), the meter can be switched in standby mode using the magnet switch. Apply the magnet on the housing at the marking to activate the switch.

Note: as soon as the color changes, remove the magnet.

The blinking Power LED indicates the following:

4. Apply magnet to switch **into standby mode**
 - 🔴🔴🔴🔴 Magnet switch recognised.
 - 🟡🟡🟡🟡 Remove magnet. Switching to standby.
5. Apply magnet to activate meter **from standby mode**
 - 🔴🔴🔴🔴 Magnet switch recognised.
 - 🟢🟢🟢🟢 Remove magnet. Meter starts booting (which takes about 1 minute).



LEDs

LED PATTERNS EXPLAINED

blinking continuously

one second → lights up once shortly per sec.

lights up longer per sec.

lights up quite long per sec.

continuously lit

blinks once per 4 seconds

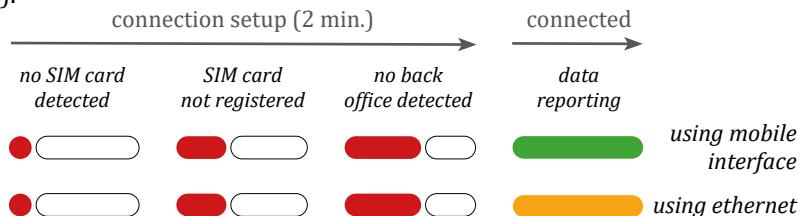
Remark:

After activation of the meter the LEDs indicate their status. The light intensity of the LEDs dimms after approx. 5 minutes to save power.

The three LEDs specify the status of the meter for Power, Sensor Data and Uplink. A LED can light up in green, red or orange (orange is when the red and green LED both light up at the same time).

UPLINK LED

The right LED indicates status of the Uplink, the connection of the meter. The meter will always first try to establish a connection via Ethernet (yellow). If this is not succesful the meter will use its mobile interface (green).



SENSOR DATA LED

Indication on the status of the sensor network that this NP meter provides for other sensors in the vicinity.



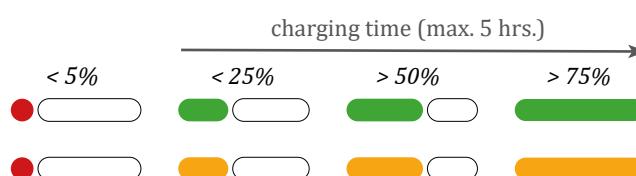
POWER

Green or orange LED: Battery power indicator:

Green: Sufficient charging power available (and solar or mains are connected)

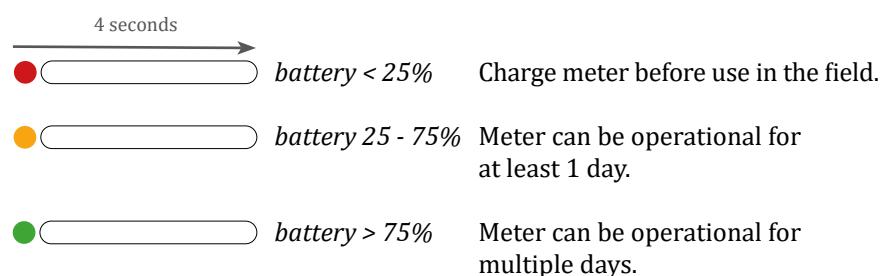
Orange: Insufficient charging power (no solar/mains connected or solar/mains power too low)

Note: The battery is empty and there is no power supplied, if all LEDs do not light up for more than one minute.



IN STANDBY MODE

When the meter is in standby mode, the Power indicator blinks every four seconds to indicate the status of the meter.





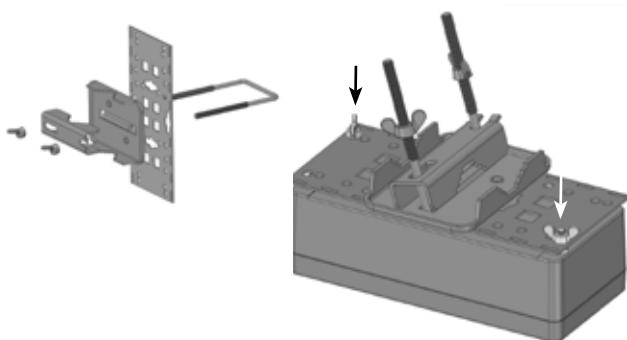
Connecting the antennas



(x) = LTE-M antenna connector
(y) = Local RF antenna connector

When the NP2 is stored in the CAS3 carrying case, the antennas are not connected. To connect the antenna, insert the rubber ring in the connector of the antenna and connect the antenna with the meter.

Attaching pole clamp set



Insert the U-bracket through the two large holes in the middle of the mounting plate.

Secure the plate with the two small wing nuts on the bottom of the housing.

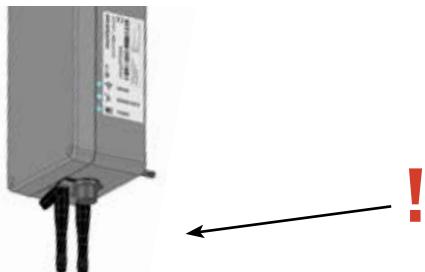
Attach the wide and narrow clamp plate to the U-bracket and secure it with the two wing nuts. The NP2 is ready for installation.

Charging the NP2



To charge the meter, or to connect a battery pack or a solar panel, connect the cable with the power/ethernet connector (z).

Installing the NP2



Secure the NP2 with the pole clamp and tighten the wing nuts securely. Connect the 24V power supply, the battery pack or the solar panel to power the NP2.

IMPORTANT:

The antennas must always be directed downwards!

Change the U-bracket orientation of the pole clamp set if necessary.

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