

# Navilock NL-622MP serial MD6 GPS Receiver Outdoor Marine

## Description

The GPS receiver with u-blox 6 SuperSense® chipset can receive WAAS and EGNOS data besides GPS. The MD6 universal connector enables the connection of optional USB or serial connecting cables. The NL-622MP GPS receiver is especially designed for installation on a white ground (boat, camper, bus etc.) It is unremarkable and fits into the vehicle concept due to its housing design.



**Item no. 61843**

EAN: 4043619618439

Country of origin: Taiwan,  
Republic of China

Package: Retail Box

## Technical details

- u-blox 6 GPS SuperSense® high performance chipset
- GPS receiver with MD6 Navilock plug  
(USB or serial cable are optional available)
- Internal patch antenna
- Central fastening screw thread with cable leading from the middle
- Frequency: L1, 1575.42 MHz, C/A Code: 1.023 MHz
- Accepts the signals of up to 50 satellites at the same time
- Supports AssistNow Offline (14 days Almanac data), AGPS,  
WAAS, EGNOS, MSAS, NMEA 0183 protocols: GGA, GSA,  
GSV, RMC, VTG
- Baud rate: 9600 (up to 115200)
- Update rate: up to 5 Hz
- Sensibility max. -162 dBm
- Water-proof housing (**IPX7**)
- Operating temperature: -20 °C ~ 60 °C
- Cold start in about 25 sec.
- Hot start in about 1 sec.
- Cable length: 5 m
- Positioning accuracy: 2.5 m CEP (Circular Error Probable) and  
2 m CEP with SBAS
- Dimension: 62 mm x 21 mm

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## System requirements

- Linux ex Kernel 2.6, Mac, Windows 98SE/ME/2000/XP/Vista/7/8, Windows Mobile 2003/5/6, Android ex V2.1
- MD6 connection cable

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## Package content

- NL-622MP receiver
- Installation material
- CD ROM

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## Images



## General

|                       |      |
|-----------------------|------|
| Protection class:     | IPX7 |
| Suitable for indoor:  | yes  |
| Suitable for outdoor: | yes  |

## Interface

|            |              |
|------------|--------------|
| Connector: | 1 x MD6 plug |
|------------|--------------|

## Technical characteristics

|                        |                   |
|------------------------|-------------------|
| Frequency range:       | 1.57542 GHz       |
| Operating temperature: | -20 °C ~ 60 °C    |
| Sensitivity:           | -162 dBm tracking |
| Update rate:           | up to 5 Hz        |

## Physical characteristics

|                                |       |
|--------------------------------|-------|
| Housing colour:                | white |
| Cable colour:                  | white |
| Cable length incl. connectors: | 5 m   |
| Diameter:                      | 62 mm |
| Length:                        | 65 mm |
| Height:                        | 21 mm |

## Manufacturer information

|             |                   |
|-------------|-------------------|
| Street      | Beeskowdamm 13/15 |
| Postal code | 14167             |
| City        | Berlin            |
| Country     | Deutschland       |
| E-Mail      | info@navilock.de  |
| Website     | www.navilock.de   |

