

# Navilock GNS 5870 Bluetooth GPS/TMC Receiver

## Description

The GNS 5870 TMC GPS BT is a super small GPS / TMC receiver with 32 channel MTK chipset. It is fully compatible with the software on the market today TMC solutions also Maptrip CAR or TRUCK. With it you can navigate past the dam.

The GNS 5870 GPS BT TMC is distinguished by its capacitive ON / OFF switch. In contrast to a normal switch or button which must be pressed or pushed is deleted here only slightly above the casing surface.



**Item no. 60321**

EAN: 4043619603213

Country of origin:  
Germany

Package:

## Specification

- MTK 3318 GPS Chipset
- Sensitivity: -159 dBm
- Support NMEA 0183 protocol
- Support GNS3.0 TMC protocol
- Internal ceramical patchantenna
- Internal UKW receiver for TMC
- UKW antenna connector 2.5 mm jack plug
- Bluetooth class II 10m
- LEDs shown accu distance, Bluetoothstatus and SAT status
- 10 h accu life
- Communication with host over Bluetooth serial port profil (SPP)
- Frequency: L1, 1575.42 MHz
- C/A Code: 1.023 MHz
- Channels: 32 max.
- Accuracy 10 m, 2D RMS
- Speed: 0.1 m/s
- Time: 1us cyclically to GPS time

## Datum

- Default: WGS-84

## Time

- Reacquisition: 1 s., average
- Hot start: 1 s., average
- Warm start: 38 s., average

- Cold start: 60 s., average

### Dynamic requirements

- Altitude: max. 18,000 m (60,000 feet)
- Speed: max. 515 m /s (1000 Knots)
- Acceleration: less than 4 g

### Electrical connection

- 5V DC Mini-USB
- Internal Li-ION accu with 900 mAh

### Interface properties

- Protocol: TTL
- Baudrate: 38.400 bps
- Output protocol: NMEA 0183 GGA, GSA, GSV, RMC, VTG, GNS3.0

### Physical properties

- Dimensions 79.1 x 45.3 x 11.3 mm
  - Weight: 70g
  - Operation temperature: 0°C - 50°C
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### Package content

- GNS 5870 Bluetooth GPS/TMC Receiver
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### Images

