

Blumax Bluetooth GPS-101 Receiver



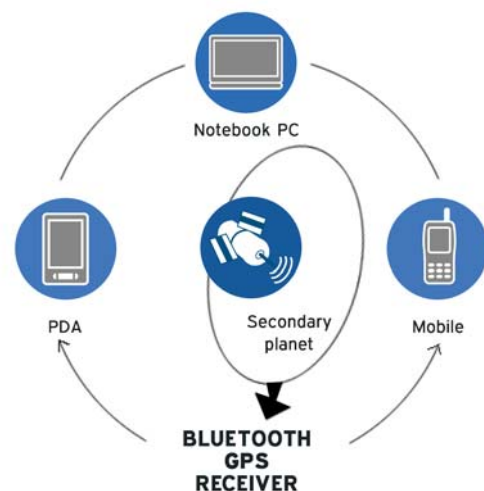
Performance:

- Channel: SIRF Star 20 channels
- Profile: standard NMEA 0183 profile (V.3.01): GGA, GSA, GSV, RMC, VTG, ZDA (agrees default setting: RMC, GGA)
- Transmission baud rate: 57600
- Working frequency: L1, 1575.42 MHz
- Data: support NMEA 0183 v2.2 data profile
- Fastest update rate: 1 Hz
- Sensitivity acquire: -155dBm
- Trace: -159dBm
- Hot start: 1 sec.(Average)
- Warm start: general: 35 sec
- Cold setup: general: 42 sec
- Researching time: general 0.1 sec
- Position precision degree: RMS: about 5 m
- Antenna type: built-in antenna
- LED indicator light: green indication GPS position state
- Blue indicator light: Bluetooth connection state
- Yellow/red double color light: low battery and charging state

Technical Specifications:

Function:

- Adopts high sensitivity SiRF Star III chip.
- Fast position cold start in less than 45 sec.
- 20 GPS channel quick receive GPS signal, quick position in very weak GPS satellite signal area.
- Bluetooth V 2.0 easy to connect with mobile phone with Bluetooth function or PDA etc.
- Built-in battery can ensure built-in FLASH memory backup trace data and quick position.
- Full compatible with Bluetooth SPP.
- Supports A-GPS.
- Built-in rechargeable charging battery, ensures normal working over 9 hours.
- Three colors of LED indicate Bluetooth, GPS and battery charging state respectively.
- With a magnet easy to fix on dashboard of car.



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Battery and charging time:

- Battery type: rechargeable Li-polymer battery
- Battery capacity: 3.7V 850mAh
- Normal charging time: 2 hours

Power:

- Power supply: DC 5V
- Power consumption when Bluetooth is connected - 102 mA in GPS acquiring, 98 mA in GPS tracking, 100 mA (avg.) when Bluetooth is pairing - 130 mA in GPS acquiring, 126 mA in GPS tracking
- Power saving mode auto power OFF after Bluetooth being disconnected for 5 minutes
- Low voltage warning red LED ON when battery has only 20 minutes power left

Dynamics:

- Speed fastest: 515 m/sec
- Height highest: 18,000 m
- Accelerated speed: 4G

Bluetooth:

- Version V2.0+EDR
- Connecting interface Bluetooth SPP
- Working distance Class 2, up to over 10 meters
- Modulation: FHSS / GFSK
- RF channels: 79
- Output sensitivity: -80 dBm
- Baud rate: 57600
- Output PWL: 4 dBm

Specification, dimensions and working conditions:

- Dimension: about 90(L) x 45 (W) x12,5 (H) mm
- Working temperature: -10°C to + 60°C
- Working relative humidity: 5% ~ 95%

ACCESSORIES:

