

BT-15

Ultra Low Power of Nemerix Bluetooth Technology



(FCC/ CE approval and BQB registered)

BT-15 Bluetooth GPS receiver supports wireless navigation for main brand PDA, handheld GPS navigator or smart phone, such as iPAQ, Casio, O2, TOM TOM or SonyEricson ...etc. The most popular 16 channels bluetooth GPS receiver, its 45mA ultra low power consumption provides you 30 hours operation time with 1050mA rechargeable Li-ION battery.

P.S. Custom box and logo printing on request!!

Software Platform Compatibility

- Tomtom Navigator for pocket pc , Mobiles Nokia 6600
- Viamichelin Navigator
- Mapsonic for pocketpc
- Palm OS and pc windows platform with successfully results in all cases.

Specifications

General	
GPS Chipset	NEMERIX GPS Module
Frequency	L1, 1575.42MHz
C/A Code	1.023MHz chip rate
Channels	16 CH all in view tracking
Antenna (Internal)	Built-in low noise
External Antenna Port Active MMCX Antenna	
Sensitivity	
– 147 dBm Tracking, Superior Urban Canyon Performance	
Acquisition Rate	
Cold Start	45 sec, average
Warm Start	38 sec, average
Hot Start	10 sec, average
Reacquisition	100 ms, average
Power	
Rechargeable 5VDC 930 mAh Li-ion battery	
Operation Current	45mA (Typical)
Operation Time	30hrs continuous (MAX)
Charging time	2.5hrs. (Typical)
Environmental	
Operating Temp.	- 20 to + 60
Relative Humidity	5% to 90% non-condensing
Accuracy	
3 meters CEP (50%), without SA(Horizontal) 7meters (90%)	
Velocity	0.1 m/sec. without SA
Time	±100 ns synchronized to GPS time
Dynamic Conditions	
Altitude	<18,000m
Velocity	<515m/sec

Acceleration	<4g
Motional.	Jerk20 m/sec
GPS Protocol	
NMEA-0183 (V3.01) – GGA, GSA, GSV, RMC, update interval 1 second (Default)	
Datum	
WGS-84 (or by demanded)	
Interface	
Communicate with host platform via bluetooth (class 2) serial port profile	
Band rate 9600 bps (Data bit : 8, stop bit : 1)	
Device Size	
81 (L) X 44 (W) X 20 (H) mm	
Weight < 70g	

Product Package

