

Bluetooth Global Positioning System GPS

BTG-7000

Product Description:

If you are a frequent driver and tired about hassle with paper maps, Cellink Bluetooth GPS will bring you a whole new experience about navigation. Bluetooth GPS receiver provides wireless connection using a Bluetooth radio link – within 10 meters and above between GPS Receiver and its microelectronic platform. Now, you may enjoy the ultimate the convenience of GPS without the hassle of dangling wires. The build-in hardware tracking loop processor WAAS/EGNOS brings better position accuracy (any average of up to 5 times better). A WAAS/EGNOS-capable-receiver can give you a position accuracy of better than three meters 95 percent of the time. The receiver is intended to use in a broad range of applications such as mobile phones, PDAs and Laptops. Cellink Bluetooth GPS receiver offers advanced features, which simultaneously tracks up to sixteen satellites at once while most competing GPS receivers track at most twelve satellites.

3-mode power saving design: The powerful rechargeable Lithium polymer batteries give you up to 6 hours of operation time, 400 hours of standby time. The 3-mode intelligent power saving design allows GPS receiver to enter deep sleeping mode automatically. It consumes very little power and provide up to 1200 hours deep-standby time.

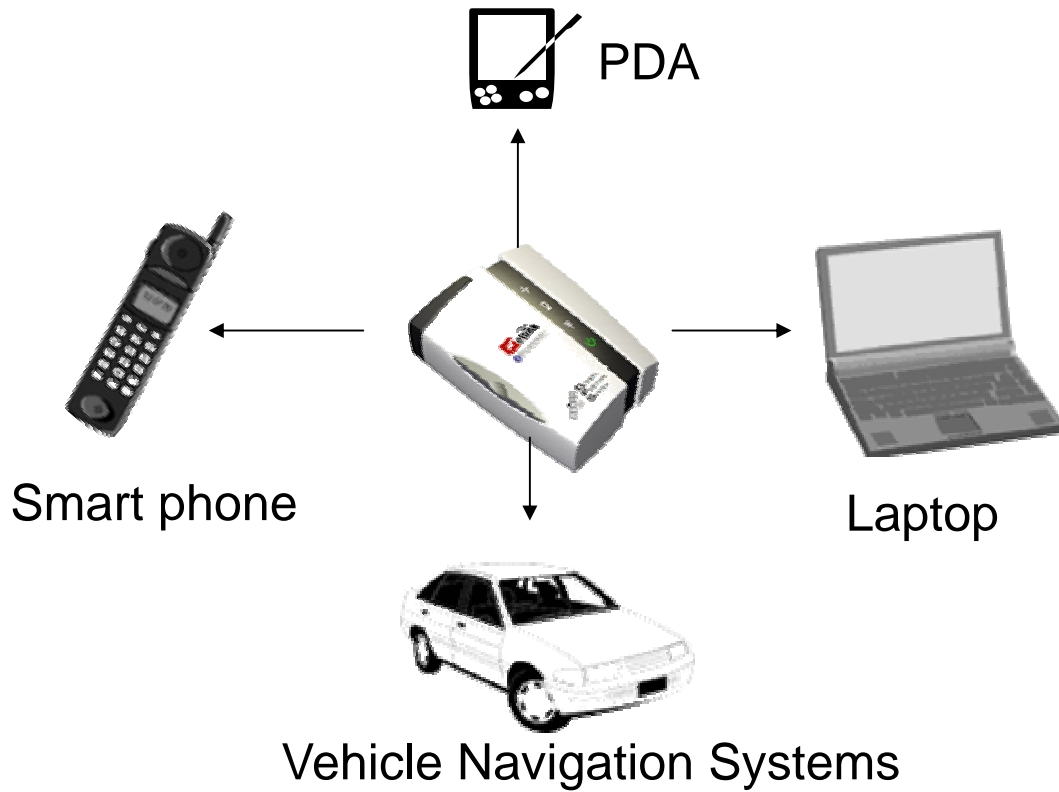
Operation is as easy as press the “power” button. Here is the story: When you turn the main power on, pairing is automatically preformed. GPS starts to search satellites for 5 minutes while Bluetooth is standby for the connection. If Bluetooth gets connected, GPS receiver starts to work until Bluetooth get disconnected and then GPS goes back to re-search satellites. Or if Bluetooth is not connected, the system would jump back to a standby mode until Bluetooth gets connected. Don't get it? Don't worry, because everything is done automatically. And 5 LEDs indicates status of Bluetooth, GPS, and battery, which makes everything under control.

BTG-7000 is Bluetooth v 1.1 compliant; support both Bluetooth headset and handsfree profiles which enable compatibility with various Bluetooth enabled devices such as mobile phones, PDAs and Laptops. It is designed to be highly sensible to the environment, which allows better reception in inaccessible environments, such as alleys between tall buildings, indoor parking garages, heavy foliage, railroad tunnels, windowless indoors.

Product photos:



Application:



Product Features:

- ❖ Bluetooth v 1.1 compliant.
- ❖ 6 hrs continuous working time and 300 hrs standby time.
- ❖ Compatible with various Bluetooth enabled devices such as mobile phones, PDAs and Laptops.
- ❖ High performance Li-Polymer rechargeable 600 mAh
- ❖ Cold/Warm/Hot start time: 6/23/27 sec
- ❖ Friendly to operate users' interface.
- ❖ Communicate with host platform via Bluetooth Serial Profile.
- ❖ Sony high performance and low power consumption chipset.
- ❖ 16 channels parallel tracking.
- ❖ Supported NMEA 0183 command: GGA, GSA, GSV, RMC, GLL, VTG
- ❖ 4 LED indicators to show status of Bluetooth/GPS/battery/charging.

Product Specification:

	BTG-7000
Bluetooth Standard	Bluetooth 1.1 Class II
Channels	16 channels all-in-view tracking
Chipset	Sony solution
Frequency	L1, 1,575.42 Mhz
C/A	1.023 MHz chip rate
Antenna Type	Built-in Ceramic patch antenna
Batteries	Li-Polymer rechargeable 600 mAh
Position accuracy	5 meters RMS
Velocity accuracy	0.1 m/sec without SA
Time accuracy	1 microsecond synch. To GPS time
Hot/Warm/Cold start time	6/23/27 sec
Reacquisition time	1 sec
Data Protocol	NMEA0183 v2.2 supported 9600 kbps baud
Operating Time	6 hrs after full charge
Standby Time	300 hrs.
Operating Distance	10 meters
Dimension	(L)75*(W)53*(H)18
Certification Approval	CE, FCC, BQB