GT-800BT

EverMore

User Manual

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Version: 2.5

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0. Quick Installation

> **IMPORTANT**
>
> The digital camera clock setting must be set according to the system time displayed on the computer before taking the photo. This data is used to match the photos to their GPS positions. If the time is wrong in your camera, the photos will be tagged in the wrong places.

1. Before using the battery, please put it in GT-800BT and have it recharged fully for 4 hours.

2. To Connect GT-800BT with PC or Notebook

    2.1 To plug Bluetooth USB dongle into PC or Notebook

    2.2 Check the COM port number used by Bluetooth Device. (Example: COM 6).

    2.3 To run GT-800BT utility and set the right COM port number.

3. Pass Word for pair is " 0000 ".

LED Indicators

1. GPS LED (GREEN)
   Light On/Off (Continued on): Acquiring Satellites
   Light On/Off (1 sec/2 sec) : Position Fixed

2. MEMORY STORAGE LED
   Memory storage full LED **(RED)**
   Memory storage full LED + GPS unfixed **(ORANGE)**
   Memory storage full LED + GPS fixed **(ORANGE LED flashing) (1 sec on/ 2 sec off)**

BLUETOOTH LED (BLUE)
Light On/Off (Continued on): Pair Searching
Light On/Off (1 sec/1 sec): Linking completed

1. POWER BUTTON

1.1 **GPS LED:** One press on the power button and hold it for 3 sec

1.2 **Bluetooth LED:** Two presses on power button and hold if for 3 sec

1.3 **GPS & Bluetooth LED off:** Three presses on power button and hold it for 3 sec

2. BATTERY STATUS LED (RED)
   Light On/Off (1 sec on /2 sec off): Battery low.
   Turn off after 5 minutes - Press the power button - GPS light will on and red light flashes under 10 sec - then turn off
   Light On: In charging
   Light Off: Battery full or not in charging

1. POWER CHARGE JACK
2. USB DOWNLOAD

1. Introduction

1.1 Overview

The GT-800BT is a unique with Wireless interface for personal traveling and vehicle tracking device in use friendly. GT-800BT uses the Global Positioning System (GPS) to record vehicle movement, speed, route and duration of stops. This information can be displayed on a GIS mapping with MapInfo formatted while download data to P.C. so user can view vehicle activity in precise details. Additionally, GT-800BT can be used as a receiver for navigation while user connected the unit to PDA /PC or Notebook.

1.2 Main Features

- Easy installation & operation
- Support USB plug and play to download the track data
   (USB Flash Drive like)
- User Friendly software with mouse click only
- Photographic function: photos increasable on the logged-track points to be diary
   to share with friends
- ublox-Atmel Chipset 16 Channels all in view tracking
- High Sensitivity -158dBm
- Support Standard NMEA-0183 V2.3 protocol
- Auto Adjustment Baud Rate 4800-115200 bps
- DGPS : WAAS/EGNOS/MSAS
- Bundled with "Photologr "software support multi- language
- Triple purpose for data logging , navigation and photo
- Large capacity for continuous records for 120,000 positions,If the device runs
   for 12 hrs per-day then the memory will be full within 40 days
- Lithium-ion rechargeable battery lasts for more than 15 hours of use
- Support Windows Me/2000/XP/Vista OS

1.3 Possible Application

- Land/Marine Navigation
- Trip Record
- Asset Tracking

1.4 Package

Before you start up, make sure that your package includes the following items. If any items are missing or damaged, contact your dealer immediately.

- GT-800BT EverPhoto
- USB to Mini USB (B) 5 Pin Cable
- AC Power Adapter with USB
- EU Plug
- CD includes User's Manual , "Photologr" software
- Lithium-ion rechargeable Battery 3.7V/1100mAh
  (Compatible with **Nokia BL-5C Battery**)

(Optional Accessories):

- DC Car Charger with USB

2. Installation

2.1 LED Status

1. GPS LED (GREEN)
  Light On/Off (Continued on): Acquiring Satellites
  Light On/Off (1 sec/2 sec) : Position Fixed

2. MEMORY STORAGE LED
  Memory storage full LED (RED)
  Memory storage full LED + GPS unfixed (ORANGE)
  Memory storage full LED + GPS fixed (ORANGE
    LED flashing) (1 sec on/ 2 sec off)

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1. POWER CHARGE JACK
2. USB DOWNLOAD

2.2 Power Jack

The power jack lets you to connect AC power adapter or DC car charger for battery charging.

3. Technical Specification

Features	Description
General	L1 1575.42MHz, C/A code, 16-channel, Carrier-Aided with HWTrack©
Sensitivity	-158 dBm minimum
Update Rate	1Hz
Accuracy	Position: 2m CEP without S/A Velocity: 0.1 m/sec without S/A Time: $\pm$ 100ns synchronized to UTC time
Acquisition	Cold start: 34sec (average) Warm start: 33sec (average) Hot start: 3.5sec (average)
Reacquisition	0.1 Second
Dynamics	Altitude: -1000m to 18000m Velocity: 500 m/sec Acceleration: ±4g
Protocol	NMEA-0183 V2.3 , 8-None-1 Baud rate: Auto Adjustment 4800 -115200 bps
Datum	219 standard datum, default WGS-84
DGPS	WAAS/EGNOS/MSAS
Antenna	Built-in Patch Antenna
NMEA Message	GGA, GLL, GSA, GSV, RMC, VTG
Dimension ; Weight	73*45* 20mm / 60g

Power Specifications

Features	Description
Battery	Lithium-Ion Rechargeable Battery 3.7V/1100mAH
Charger Power	5V ±0.5Vp-p ripple (USB connector)
Current Consumption	70 mA
Operation Time	Up to 15 Hours after full charge

Interface Specification

Features	Description
Interface	1: Wireless For Navigation Only
	2: USB V1.1 For Download Track File

Environmental Specification

Features	Description
Operation Temperature	-20°C to +70°C
Storage Temperature	-40°C to +90°C
Operating Humidity	5% to 95%

* Preliminary Specification, Subject To Change without Notice

4. Limited Warranty

The GT-800BT is warranted to be free from defects in material and functions for one year from the date of purchase. Any failure of this product within this period under normal conditions will be replaced at no charge to the customers

5. Appendix

EverMore Website

Welcome to EverMore website at http://www.emt.com.tw or http://www.globalsources.com/gpsevermore.co for updated product information and drivers download.

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