

DL-600BT
Data Logger
User' s Manual



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Version: 1.3

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0. Quick Installation

1. Have the battery full charged.
Before using the battery, please put it in DL-600BT and have it recharged for 4 hours.
2. To Connect DL-600BT 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 DL-600BT utility and set the right COM port number.

LED Indicators:

Symbol	Color	Status		Light Indication
Battery	Red	Light On		Battery Low
	Green	Light On		In Charging
	N/A	Light Off		Battery Full or Not in charging
Wireless	Blue	Light On/Off	0.1 sec/1.9sec	Linking Completed
		Light On/Off	Continued On	Pair Searching
GPS	Red	Light On/Off	1 sec/1 sec	Acquiring Satellites
		Light On/Off	0.9 sec/0.1sec	Position Fixed

3. Pass Word

The pass word for pair is " 0000 ".

1. Introduction

1.1 Overview

The DL-600BT is a unique with Wireless interface for vehicle tracking device in use friendly. DL-600BT 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, DL-600BT can be used as a receiver for navigation while user connected the unit to PC or Notebook.

1.2 Main Features

- Easy connector to PC/Notebook by wireless interface
- Receiver, Twelve parallel tracking channels
- Fast TTFF and low power consumption
- Support Standard NMEA-0183 protocol
- Auto adjustment Baud Rate 4800-115200 bps
- DGPS : WAAS/EGNOS
- Bundled with "Easy Go" software
- Dual-purpose for data logging and navigation
- Fixed ID & password on every unit
- Large capacity for continuous records for 170,000 positions
- Lithium-ion rechargeable battery lasts for more than 12 hours of use

1.3 Possible Applications

- Land/Marine Navigation
- Telematics
- Fleet Management
- Asset Tracking
- Timing Reference

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.

- DL-600BT Data Logger
- DC Car Charger
- CD includes User's Manual & "Easy- Go" software
- Battery (3.7V/1100mAh lithium-ion rechargeable)

Optional Accessory

- AC Power Adapter
- Super Mini Din 6 pin to USB cable
- Battery Pack 4200 mAh

2. Installation

2.0 LED Status



LED Indicators:

Symbol	Color	Status		Light Indication
Battery	Red	Light On		Battery Low
	Green	Light On		In Charging
	N/A	Light Off		Battery Full or Not in charging
Wireless	Blue	Light On/Off	0.1 sec/1.9sec	Linking Completed
		Light On/Off	Continued On	Pair Searching
GPS	Red	Light On/Off	1 sec/1 sec	Acquiring Satellites
		Light On/Off	0.9 sec/0.1sec	Position Fixed

2.1 Power Jack

The power jack lets you to connect either a DC car power charger (included) or AC power charger to recharge the internal battery.

3. Technical Specification

Features	Description
General	L1 1575.42MHz, C/A code, 12-channel, Carrier-Aided with HWTrack©
Sensitivity	-143 dBm minimum
Update Rate	1Hz
Accuracy	Position: 15m CEP without S/A Velocity: 0.1 m/sec without S/A Time: $\pm 1\mu\text{s}$
WAAS Accuracy	Position: 3m CEP Velocity: 0.05m/sec
Acquisition	Cold start: 45sec (average) Warm start: 38sec (average) Hot start: 8sec (average)
Reacquisition	0.1 Second
Dynamics	Altitude: -1000m to 18000m Velocity: 500 m/sec Acceleration: $\pm 4g$
Protocol	NMEA-0183 V2.2 , 8-None-1 Baud rate: Auto Adjustment 4800 -115200 bps
Datum	219 standard datum, default WGS-84
DGPS	WAAS/EGNOS
Antenna	Built-in Patch Antenna / Option active antenna, MMCX jack
NMEA Message	GGA, GLL, GSA, GSV, RMC, and VTG
Dimension ; Weight	93*84* 31mm / 94.8g

Power Specifications

Features	Description
Battery	Lithium-Ion Rechargeable Battery 3.7V/1100mAH
Charger Power	5V $\pm 0.5V$ p-p ripple DC
Current Consumption	85 mA
Operation Time	Up to 12 Hours after full charge

Interface Specification

Features	Description
Interface	Wireless

Switch Specification

Features	Description
Power Switch	System power switch except charge unit

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 DL-600BT 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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