

# i-Blue747A<sup>+</sup>

## GPS Recorder

# 15 sec Fixed!!!

### Overview

This BT GPS logger features an all-in-one, cost-effective portable GPS logging solution. It allows you to log your route by setting the interval of time/ distance/ speed. Point of interest can also be recorded by push of a button. Through user friendly utility, it shows your track on Google Earth.

### Key Features

- Dual mode for both Data record and Navigation
- Push button to record data manually
- User can record the date by setting the interval of time, distance and speed
- 125,000 waypoints
- Semi indoor
- AGPS available
- Fuzzy Auto on/off
- Phototagger software

### Application

- Record your travels
- Manage business trip expense
- Concerned about one's driving behavior
- Record Point of Interest by a push button
- Geo-photo



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## \*General

GPS Chip	MTK
Frequency	L1, 1575.42MHz
C/A Code	1.023MHz chip rate
Channels	66 CH for tracking
Antenna	Built-in patch with LNA
Datum	WGS-84

## \*Acquisition

Cold Start	35 sec, average
Warm Start	34 sec, average
Hot Start	1.5 sec, average
Reacquisition	<1sec

## \*Accuracy (none DGPS)

Position	Without aid: 3.0m 2D-RMS DGPS:2.5m,2D-RMS
Velocity	Without aid: 0.1m/s DGPS:0.05m/s
Sensitivity	-165 dBm (tracking)

## \*Dynamic

Altitude	< 18,000m
Velocity	< 515m/sec
Acceleration	4g

## Protocol

GPS Output	NMEA-0183 (V3.01) – GGA, GSA, GSV, RMC (default) Data bit : 8, stop bit : 1(Default)
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## \*Interface

Bluetooth™	Version 1.2 compliant
Output Power	Class 2 (10 meter in free space)
Frequency	2.4 to 2.48 GHz

## Power

Battery	Li-Ion
Charging time	3hrs (Typical)
Operation Time	32 hrs
Power Charge	Mini USB

## Environmental

Operating	- 10 °C to + 60 °C
Storage	- 20 °C to + 60 °C
Charging	0 °C to + 40 °C
Humidity	5% to 90% non-condensing

## Physical

Dimension	46.5W x72.2L x20H mm
Weight	64g

## Others

Certification	CE / FCC
LED	Bluetooth, Navigation, Battery / charger status

## Data Log

Up to 125,000 way points.
Log GPS by time interval/distance/speed limit
Log GPS data by push button

\*Bluetooth is a trademark owned by Bluetooth SIG, Inc.

\*Specifications subject to change without prior notice.

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\*Citation MTK original chipset spec



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