TripMate850

Overview

TripMate850 features easy-to-use, cost-effective portable GPS logger solution. When you travel in different countries, it allows you to record your routes by ways of time/ distance/ speed. TripMate850 equips with one inch LCD for display of time, speed, distance measurement and position information. POI finder is a perfect helper to guide you track back to pre-select POI point when you are out of town. Through user friendly utility software, it can combine your pictures and record routes showing on the map. This recorder is small and robust, ideal to carry around for applications such as route tracking, mountain climbing and fleet management.

Key Features

◎ MTK 3329 chip with 66 channel capability
◎ Smart log function
◎ Receiver & data logger dual function design
◎ Track back function
◎ Smart power saving with sensor
◎ Micro SD card for unlimited storage
◎ 1" LCD easy display
◎ Support AGPS
◎ Powered by AAA battery*2
◎ USB mass storage for PC and Mac

Application

◎ Record your travels and show on Google Earth
◎ Show your photos on Google Map
◎ Photo Geo Tagging

TRANSYSTEM INC.

An A⁺ supplier of RF microwave & GPS products

Rev 1.6

TripMate850

Specifications

General

Frequency	L1, 1575.42MHz
C/A Code	1.023MHz chip rate
Channels	66 CH for tracking
Datum	WGS-84

Acquisition

Cold Start	35 sec, average
Warm Start	34 sec, average
Hot Start	1.5 sec, average
AGPS	<15 sec

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
	Data bit : 8, stop bit : 1(Default)

Interface

Bluetooth™	Version 1.2 compliant Class 2 (over 10M in free space) 2.4 to 2.4835GHz
SD	Micro SD card (up to 8G)
USB Bridge	Fully compliant with USB2.0, 12Mbps

Power

Battery	AAA battery*2
Operation Time	Up to 12hrs ☆
Power On/Off	Push button
☆ : Pending battery type	

Environmental

Operating	- 10 ℃ to + 60 ℃
Storage	- 20 ℃ to + 60 ℃
Humidity	5% to 90% non-condensing

Physical

Dimension	72 x 27 x 25mm
Weight	57.5g (with battery)

Others

Certification	CE / FCC
LCD	Pixel: 128*32 pixel Size: 28*8.5mm

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