

BT-338 BLUETOOTH GPS RECEIVER



COMPACT, LOW POWER, UNIVERSAL

Greater accuracy, new compact profile

The GlobalSat BT-338 Bluetooth GPS receiver set the original standards for generations of wireless GPS receivers on the market today. With SiRF Star III GPS chipset technology and a 15-hour battery life, the BT-338 is a solid and mature receiver that offers sensitive and accurate data to be used by your favorite software program that supports NMEA format.

The BT-338 communicates with its host device (PDA, Laptop or Smartphone) using a 2.0 Bluetooth Serial Port Profile (SPP), and with its built-in ceramic patch antenna, the BT-338 is compact and eliminates the need for any external antenna, while still providing impressive accuracy even within urban canyons and under dense foliage.

A rechargeable and replaceable Li-ion battery offers up to 17 hours of continuous GPS use from a fully charged state. Additional features that make the BT-338 an excellent choice are the 3-color status LED's used to indicate power condition, Bluetooth connectivity, GPS signal status, and the included DC chargers.

Key Features

- SiRF Star III Chipset
- 20-Channel All-In-View Tracking
- NMEA 0183
- WAAS/ EGNOS Support
- Hot Start:1 Sec.
- 2.85" x 1.6" x 0.9"
- 17 Hours Continuous Use
- Li-Ion Rechargeable Battery





Performance Specifications

GPS Chipset.....SiRF Star III
 General.....L1 (1575.42MHz) frequency C/A code
 20 channel all-in-view-tracking receiver
 Accuracy.....5 meters 2D RMS (WAAS enabled)
 10 meters 2D RMS (WAAS disabled)
 Velocity 0.1 m/second
 time 1 m/second synchronized
 Acquisition.....Reacquisition: 0.1 sec, average
 hot start: 1 sec., average
 warm start: 38 sec., average
 cold start: 42 sec., average
 Sensitivity.....Tracking: -159 dBm

Protocol

GPS Protocol.....Default: NMEA 0183 (Secondary: SiRF binary)
 GPS Output Data.....SiRF binary >> position, velocity, altitude,
 status and control NMEA 0183 V2.2 protocol
 Software command setting
 GPS transfer rate.....(Default : 38400,n,8,1 for NMEA)
 Communication with host platform via Bluetooth
 Connection.....Bluetooth Serial Port Profile

Electrical Characteristics

Prime Power.....4.5V - 5.5V ±5%
 Extenal Power.....AC Charger
 Battery Capacity.....1700mAH
 Battery Life.....17 hours of continuous use
 Power Consumption......85mA

Environmental Specifications

Operation Temperature.....-4°~ 140°F (-20°~ 60°C)
 Storage Temperature.....-22°~ 176°F (-30°~ 80°C)
 Operation Humidity.....Up to 95% non-condensing

Physical Characteristics

Enclosure.....Durable Polycarbonate
 Dimensions.....2.85" x 1.6" x 0.9"
 (72.5mm x 40.4mm x 23mm)
 Weight.....1.5 Ounces (42.52g)



PACKAGE CONTENTS:



| | | |
|-----------|-----|------------|
| BLUETOOTH | WIN | USB |
| | MAC | SIRF III |
| | | 20 CHANNEL |
| | | Li-Ion |

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