

Gosget Bluetooth GPS Receiver

SB-369 User Manual

Version 1.1

1 Product Features

- SiRF StarIII chipset
- Extreme fast TTFF at low signal level
- High capacity rechargeable battery
- Support SBAS (WAAS, EGNOS, and MSAS)
- IP-54
- 20 parallel channels
- Bluetooth enabled
- NMEA-0183 compliant protocol (Default: GGA, GSA, GSV, RMC, VTG, GLL, and ZDA)
- LED indicators

2 Product Specifications

GPS Receiver	
Chipset	SiRF StarIII
Frequency	L1, 1575.42 MHz
Code	C/A Code
Protocol	NMEA 0183 v3.01 (Default:GGA,GSA,GSV,RMC,VTG,GLL,ZDA) and SiRF binary
Available Baud Rate	4800/9600/14400/19200/38400/57600/115200
Channels	20
Antenna	Built-in Patch Antenna
Sensitivity	Acquisition:-146dBm, Tracking:-159dBm
Cold Start	42 seconds
Warm Start	38 seconds
Hot Start	1 second
Reacquisition	0.1 second
Accuracy	Position: 3 m / 2.5 m with DGPS Velocity: 0.1 m/s Time: 1ms RMS
Maximum Altitude	< 18,000 meter
Maximum Velocity	< 515 meter/second
Maximum Acceleration	< 4G
Update Rate	1 Hz
DGPS	WAAS, EGNOS, MSAS
Bluetooth	
Version	2.0
Range	10 Meter (Class 2)
Support Profile	SPP Profile
Physical Characteristics	
Dimensions	87.8 mm x 43.0 mm x 15.1 mm
Weight	68g
DC Characteristics	
Power Supply	5.0Vdc
Battery	Rechargeable Li-ion, 1200mAH
Battery Life	12 Hours
Environmental Range	
Humidity Range	5% to 95% non-condensing
Operation Temperature	-10°C to 60°C 0°C to 45°C while charging
Storage Temperature	-20°C to 70°C

3 LED Behaviors

Bluetooth LED (Blue)

Status	Description
Steady on	Not linked
Blink once per three seconds	Linked

GPS & POWER Status

GPS

Status	Description
Blink once per second	Position fixed
Steady on	Position not fixed

Power (Green/Red/Orange)

Status	Description
Red light	Battery low
Green light	Battery good
Orange light	Battery charging

Power Button

Action	Function
Press and hold the button for 1 second while off	Power turned on
Press and hold the button for 1 second while on	Power turned off

4. Getting Start

Step 1: Charging Battery

Please charge the battery by the included charger till the orange LED goes off before using SB-369 for the first time.

Step 2: Turn on the power

Press and hold the power button for one second to turn on your SB-369.

Step 3: Wait for GPS fixed

Place your SB-369 in a place where it can see the sky directly and check the GPS LED. If the GPS LED starts blinking, your position is fixed.

Step 4: Connect to your Bluetooth-enabled devices

Run the Bluetooth manager from your Bluetooth enabled device, search Bluetooth devices, select device (SB-369), and connect it to your SB-369. Once the Bluetooth LED is blinking once per second, the link is established successfully. If a passkey is asked, please enter "0000".

Step 5: Start Navigation Software

Start the navigation software on your Bluetooth enabled device.