

## Bluetooth™ GPS RECEIVER



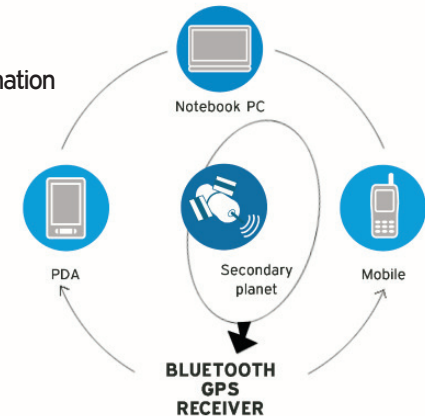
# User's Guide

GPS-009

Blumax Bluetooth GPS Receiver 009 is a complete wireless satellite position receiver, adopting high sensitivity **SiRF Star III chip** and having wireless transmission function. With **20 GPS channels**, it can quickly receive GPS signal and quick position in the weak GPS satellite signal area. The basic design framework is based on generation indoor GPS communication technology, super sensitivity – 157dBm (-187dBw) and low-loss technology. The revolutionary system provides incredible sensitivity for you and let you quick position in any bad condition in city and valley. You can use it in a car navigation having strict requirement, survey, security maintenance and agriculture etc.

Blumax Bluetooth GPS Receiver 009 transmits information with Bluetooth wireless technology by high-performance way. GPS-009 can catch 20 satellites signal and shows 12 of all strongest signal information when cold start over water-level.

- For position of travelling, fishing, climbing, by navigation software, it can find out location information of bus-stops, hotels, and restaurant.
- High sensitivity
- Fast position
- Built-in rechargeable battery
- Bluetooth wireless transmission



### PRODUCT FEATURES

Light and touchable design, simple and convenient initial use, 10 meters Bluetooth wireless transmission distance, abroad application and easily operation. Rechargeable Lithium Polymer Battery can wear well

### PAIR

Before you can use your Blumax Bluetooth GPS Receiver 009, you must pair it with your Mobile Phone, PDA or Laptop

**Step A:** Turn on your GPS-009.

When the unit is turned on, it is automatically in pairing mode.

**Step B:** Set your phone, PDA or Laptop to pair with GPS-009.

1. Turn on the Bluetooth Function of your phone.
2. Perform a "Bluetooth device discovery" from your phone.
3. Select your headset from the discovered devices list and confirm on screen prompts.
4. Enter the pin code "0000".

## POWER ON

Long press Blumax Bluetooth GPS Receiver 009 power key for approximately 3sec (blue light flashes), Blumax Bluetooth GPS Receiver 009 will enter power-on state. If Bluetooth is not paired within 5sec, then the Bluetooth will close automatically.

## Pairing

Pairing Blumax Bluetooth GPS Receiver 009 with Bluetooth Device (having Bluetooth PDA, mobile phone, notebook computer etc), open navigation software in Bluetooth device, navigate with Bluetooth GPS-009 according to the demand of navigation software. Place Bluetooth GPS-009 outdoor, when Bluetooth Blumax Bluetooth GPS Receiver 009 does not find satellite, the blue light would flash once. If the satellite is found, blue light will flash constantly.

## LED Indication

Green indicator	GPS Position state
Blue indicator	Bluetooth open and power on state
Yellow indicator	Charging state
Red indicator	Battery low voltage warning state

## Low battery warning

When Bluetooth Blumax Bluetooth GPS Receiver 009 battery is low a red light will flash. If the receiver is not charged within 15 minutes, the Bluetooth Blumax Bluetooth GPS Receiver 009 will switch off automatically.

## Charging

When there is no battery, you need to charge the Blumax Bluetooth GPS Receiver 009 on time. When it is charging an Orange light should flash continuously. Once the receiver is fully charged, the orange LED light should stop flashing.

## POWER OFF

Long press power switch key of Blumax Bluetooth GPS Receiver 009 1sec, it will power off.

When you wish to turn the power off, press and hold the power key for 1 sec, the receiver now will shut down.

## BASIC PARAMETER

<b>Basic parameter</b>	
Antenna	Build-in ceramic chip antenna
Installation site precision	Level precision 10m
Interface	Bluetooth V2.0+EDR
<b>Refresh speed</b>	Generally install is over, refresh 1 time, every 1 sec
Receptivity	
Receiver	20 channels
Sensitivity	-157dBm (-187dBw)
Hot start	1sec. (Average)
Warm start	Generally: 35sec / A-GPS: 5sec
Cold start	Generally: 42sec / A-GPS:10sec
Re-acquiring time	Generally 0,1sec
Data updating rate	1 time/sec
Dynamic performance	Elevation: Lowing 18000m, Speed: Within 515m/sec (750segment), Acceleration: The utmost limit: 4G (G refers to gravity unit), Cascade tripping: The utmost limit: 20m/sec
High-precision	5-25M
Speed precision	0.1 m/s
Electronic compass angular resolution	1°C
Data input	NMEA/SIRF binary setting
Data output	GGA GSA GSV RMC VTG GLL
Difference modes	GPS
<b>Screen</b>	
Display screen	LED
<b>Power specification</b>	
Battery	Rechargeable Lithium Polymer Battery
Battery using time (hour)	10 hours
<b>Surface parameter</b>	
Weight(g)	57g
Size(mm)	GPS009: 90(L)x45(W)x12,5(H)mm
Crust material structure	Plastic crust
<b>Environment parameter</b>	
Working temperature(°C)	-10-60°C
Storage temperature(°C)	-20-85°C

## Address: Blumax Technologies

**Main Distribution:**  
Eurotronic Products GmbH  
Gewerbeparkstr. 14  
D-44339 Dortmund, Germany

Fon: +49 (0)231 878 00 30  
Fax: +49 (0)231 878 00 369  
Website: [www.eurotronic.net](http://www.eurotronic.net)  
E-Mail: [info@eurotronic.net](mailto:info@eurotronic.net)