GPS Tracker
Manual

Model: MT18/MT18B

(MT18/MT18B)　　　〈MT18B〉　　　〈MT18〉
10000MAH　　　20000MAH

Preface

Thank you for purchasing the tracker. This manual shows how to operate the device smoothly and correctly. Make sure to read this manual carefully before using this product. Please note that specification and information are subject to changes without prior notice in this manual. Any change will be integrated in the latest release. The manufacturer assumes no responsibility for any errors or omissions in this document.

1. Summary

Working Based on existing GSM/GPRS network and GPS satellites, this product can locate and monitor any remote targets by SMS or internet. The most advanced technology of GPS and AGPS dual positioning. The waterproof level achieve IPX - 6.

2. Applications

- Vehicle rental / Fleet management etc
- Outdoor sports
- Protect children / elder/ Asset/ pet and so on
- Provide peace-of-mind for businessmen
- Tracking for Car/truck/container/trailer
- Criminals Tracking

3.Main unit& accessories

Hardware Structure

(1)LED indicator
(2)Drop buton
(3)USB interface
(4)Power switch
(5)Simcard slot
(6)Rubber plug

4.Specs.

Content	Specs.
Dim	MT18: 120mm x 68mm x 40mm MT18B: 120mm x 68mm x 33mm
Weight	MT18: 188g, MT18B:170g
Network	GSM/GPRS
GSM Band	850/900/1800/1900Mhz
GSM chip	SIMTK6260
GPS chip	UBLOX
GPS sensitivity	-159dBm
GPS accuracy	5m
Cold start	35-80s
Warm start	35s
Hot start	Hot status 1s
Car charger	Input: 12~24V , Output: 5V
Wall charger	Input: 110~220V ; Output: 5V
Battery	Li-ion battery :3.7V, 20000mAh(MT18); 3.7V,10000mAh(MT18B)
Standby	MT18: 12 months; MT18B: 6 months
Storage Temp.	-40°C to +85°C
Operation Temp.	-20°C to +55°C
Humidity	5%--95% non-condensing

5.Userage:

5.1 SIM card installation

1).Open plug

2).Insert simcard

3).Power on tracker
4).Cover plug

<1>

<2>

<3>

<4>

5.2 **Battery and Charger**

--First time to use:Keep in charged the battery over 12 hours Please use the battery and charger provided by the manufacturer.

--After first use,the battery usually should be charged fully between 3~5 hours.

Cautions:

a: For it's Li-ion battery, which contains harmful chemicals and may burst, please don't bump, puncture it violently and keep it off fire.

b: Please charge the battery in time to keep it working normally.

6.**Startup**

1).Power on gps unit:

Insert the SIM card

Turn on the unit outdoors by pressing the Power on button until the indicator is on.

In 10~40 seconds, the unit will begin to work and acquire the GSM signals as well as the GPS signal.

2).Indicators status:

Green LED: GPRS working status

Status	Meaning
flashing	GSM / GPRS signal fine
On	No GSM signal
off	GPS power off/In sleep

Blue LED: GPS working status

Status	Meaning
flashing	GPS signal Fine
on	No GPS signal
off	GPS power off/In sleep

Red LED for power charging status

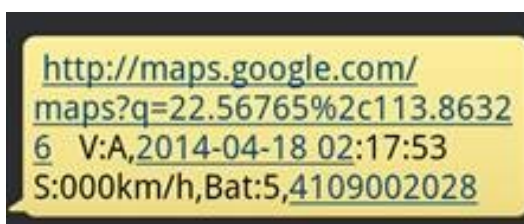| Status of indicator	Meaning
Red led on	Charging
red led flash	Low battery
red led off	Full battery or charged full

3)SMS meanings:

1.Google link: URL
2.V:A GPS signal ok. **V:V** :No GPS signal
3.2014-04-18 02:17:15:GPS Time
4.S:000km/h: Speed of tracker
5.**Bat:6**:Battery Level（Range :1 ~9）
6.ID:4102000759: ID Number of GPS

http://maps.google.com/
maps?q=22.56765%2c113.8632
6 V:A,2014-04-18 02:17:53
S:000km/h,Bat:5,4109002028

7.Operations (Default password: 123456)

7.1.Change password

   SMS format: password+old password+space+new password
   Example: password123456 666888
   it will reply sms: "password OK"
   (Note:password should be 6 digits Arabic numbers.There is one space between new&old passwords)

7.2 Set admin phone number:
  1). Add admin number:
   SMS format: admin123456 0086138********

   Note1: The other admin numbers should be set by the first authorized number. If the number is successfully authorized, the unit will reply "admin ok!" in SMS.
   Note2: Note:country code should be added in front of phone number)

  2). Delete admin number:
   SMS format:noadmin123456 phonenumber
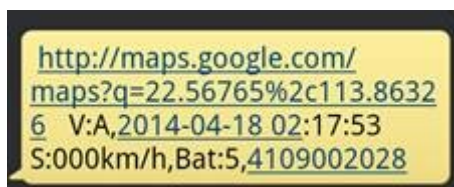   Example:no admin123456 13510460105
   Reply sms: noadmin ok

7.3.Track on demand:

   SMS format:tracker123456

1).GPS Set with admin numbers: when admin numbers dials up the unit, tracker device will reply by sms,It wont reply to other numbers

2).GPS without admin numbers: Any cellphone dial up the GPS simcard,tracker device will reply by sms locations information ,as below:

http://maps.google.com/
maps?q=22.56765%2c113.8632
6 V:A,2014-04-18 02:17:53
S:000km/h,Bat:5,4109002028

7.3.Track by GSM Location(Only for admin phone，default:closed）
   Command to open :addjz=1
   Command to close :addjz=0

8.0.Commands List:

Feature name	Active Command	Reply	format) Command	Reply
Add admin number	admin123456 0086138**** (Note:country code needed in front of phone number,there is one space between password and phone number)	Admin ok	noadmin123456 008618****	noadmin ok
Change password	password123456 666888	password OK	(There is one space between new&old passwords)	
Inquiry Location	G123456	Google map link	Click google map link to get location	
Voice monitor	monitor123456	Monitor ok	tracker123456	Tracker ok
Overspeed	speed123456 80 (50~120 km/h)	speed ok (80km/h)	nospeed123456	nospeed ok
Move alarm	move123456 500 (100~5000m)	move ok	nomove123456	nomove ok
Shock alarm	shock123456	shock ok	noshock123456	Noshock ok
Sleep in time mode	Sleep123456 time (Default model:MT90,MT60)	Sleep time ok	If not did any operation,Tracker will be in sleep mode in 5 minutes,can be woke up by any calling ,sms and pressing buttons.	
Shock sleep mode	sleep123456 shock (Default model:MT10)	sleep shock ok (be in sleep if no motion)	sleep123456 off	sleep off ok
Restart Device	RST	GPS will restart	factory	reset
Set Server IP	szcs,123456,domain=www.twogps.com:8083	adminip ok	If user uses our platform,this step can be ignored.	
Set APN	apn123456 cmnet	APN OK	apnuser123456 user apnpassword123456 apnpassword	APN OK
GPRS interval time	upload123456 30 (10~300 seconds)	upload ok	upload123456 300	upload ok
Time Zone	timezone123456 2	Time ok	timezone123456 -3	Time ok
Language	LAG1	Switched to English	LAG2	Switched to Chinese

9.0 Cautions

9.1 Keep the unit dry. Any liquid, i.e. rain, moisture, may destroy or damage the inside circuitry.

9.2 Don't use & store the unit in dusty places.

9.3 Don't put the unit in overheated or overcooled places.

9.4 Handle carefully. Don't vibrate or shake it violently.

9.5 Clear the unit with a piece of dry cloth. Don't clean in chemicals, detergent.

9.6 Don't paint the unit, this may cause some foreign materials left in between the parts.