GPS-911(M)
Quick Start Guide
1. Precaution before Installation

- Check if all the parts are included.
- Prepare a SIM card for **GSM** communication. Use some other mobile phone to confirm that the PIN code has not been set, and that it can dial out and receive telephone calls without problem.
- Before install the SIM card, make sure to cut off power from the AVL unit. The correct installation method is to push the tray completely into the AVL unit, until you feel it is hooked by something.
- It takes longer time (over 30 minutes) to get a position fix for the very first time positioning. Please place the device without anything covered.
- The factory default password is “8888”.

2. Panel Description
3. Installation

Step 1. Fully charge the battery for at least 8 hours before your first use.

Step 2. Install SIM Card:
   (1) Remove the back cover of the device as illustrated.
   (2) Push the holder top (with an ellipse hole) leftward to lose it.
   (3) Pull the holder top up. Insert the SIM card by sliding it into the card holder slot, with the chip module facing to the connectors on PCB, as shown in the picture.
   (4) Flip down the holder top. Push the holder top downward, and let it snap in completely.

Step 3. Put the battery cover back after insert the battery.

Step 4. Turn on the unit, and check if the GPS can work properly or not.
   ※ When GPS has got the position fix, the GPS LED will turn from steady orange light to “blinking orange”. Check if the GPS LED has turned to “blinking orange light” in about 1-3 minutes.
4. Operating Instructions

(1) Power On/Off

- **Power On:**

  **Step1.** When it is off, press the **power button** for 2 seconds to switch on the power.

  **Step2.** After power on, **GPS LED** will light on first (steady orange light, or flashing orange light after get a position fix).

  **Step3.** Some 15 seconds later, **GPRS LED** starts to flash swiftly for 10 times.

  **Step4.** Then **SOS/PARK LED** lights on, and shuts off some 15 seconds afterward. By then, the device is ready to work.

- **Power Off:**

  When it is on, press the power button for 2 seconds to switch off the power; **SOS/PARK LED** will flash for 3 times; then **GPS LED** will shut off few seconds later. By then, the device is turned off.
(2) **SOS Emergency Help Function**

When **SOS button** is pressed, **SOS LED** will flash; GPS-911 will send a SMS message for emergency help. The ones receive the message can activate the voice monitoring function, and offer assistance in time. The phone numbers list can be set by the users.

(3) **Conversation Function**

**Call In:** One can make phone call to GPS-911 by simply dialing the SIM card number. To receive the incoming phone call, one should press the “Pick-Up/ Hang-Up” button to start the phone conversation.

**Call Out:** GPS-911 has two buttons for speed dial; you can preset 2 sets of phone numbers of those you want to talk with. After the setting, you can make phone call to the preset phone numbers by pressing down either of the two speed dial buttons, “D1” or “D2”.

(4) **Setting the Volume & Ring**

**Volume:** Press “D1” for 3-5 seconds, the device will ring up. By then, you can press D1(+) or D2(-) to adjust volume up/ volume down; and to confirm the setting.

**Ringing:** Press “D2” for 3-5 seconds, the unit will ring up. By then, you can press D1(+) or D2(-) to select the ring sound; and to confirm the setting.

(5) **Geo-fence (Park) Function**

Press the **Park button**, blue LED will start to flash; and Geo-fence (Park) function is activated. The device will send a SMS message to the preset phone numbers, if your car or your loved one moves beyond the preset distance range. Press the Park button once again, the blue LED will shut off; and Geo-fence (Park) function will be cut off.
5. Battery Charging

- **Method 1:** Connect the USB cable to the USB adaptor directly.

- **Method 2:** Connect car charger to the car cigarette lighter directly.

- **Method 3:** Connect the USB cable to the back-up battery.

6. Description of the LED Indicators

<table>
<thead>
<tr>
<th>LED Indicator</th>
<th>Charge (RED LED)</th>
<th>GPS STATUS (ORANGE LED)</th>
<th>GSM/GPRS (GREEN LED)</th>
<th>SOS (RED)</th>
<th>PARK (BLUE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash</td>
<td>---</td>
<td>GPS is on, and position is fixed</td>
<td>GSM is sending/receiving data or phone call</td>
<td>SOS</td>
<td>Monitor</td>
</tr>
<tr>
<td>Constant Glow</td>
<td>Battery charging</td>
<td>GPS is on, but position not yet fixed</td>
<td>GSM is on, but not yet connected to the network</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Constant Dark</td>
<td>not charging; or fully charged</td>
<td>GPS is off, or GPS has troubles</td>
<td>GSM is in the standby mode; or SIM Card was installed improperly; or in trouble</td>
<td>OFF</td>
<td>OFF</td>
</tr>
</tbody>
</table>
Track GPS Location by SMS

You can get the latitude & longitude data by sending “111#Password” SMS (short message) command Code to the GPS Tracker. Input the received latitude & longitude data to Google Earth (from earth.google.com) or Google Maps (maps.google.com), then you can find the position fix in the map. Please find below the example.

**Step1.** Send a SMS Command Code “111#8888” to the GPS Tracker.

**Step2.** GPS Tracker will send back the latitude & longitude data.

**Step3.** Input the latitude/longitude data (N52 21.6911', E004 48.5627) into the column of “Search” and click on search button, Google Earth/Google Maps will display the position map for you.
1. Requirements

(1) A PDA Phone with Windows CE or Mobile 5.0 OS.
(2) A navigation map installed in the PDA Phone.
(3) A GSM SIM card installed in the GPS Tracker.

2. Installation

Step1. Put the CD delivered with the tracker to the CD driver of your computer; select “Windows Mobile 5.0/6.0” or “Pocket PC 2000-2003/WinCE” according to the operation system of your PDA Phone to install “SMS Track” software into your computer.

Step2. Please select “Device”, instead of “Storage Card” to install the program, so that Windows can find the program and start the driver properly.

Step3. After PDA installation is completed, click “Start” → “Programs” → “SMS Track” to set up the COM port.
Step 4. The following screen will prompt. The left column is for the name of the COM Port; the center column is to describe the status of the COM port; the right column is to show the name of COM Port Driver. We can find in the description column, some of the COM Ports are currently Empty, which means these COM ports have not yet been used by any other device, and we can install the Virtual COM Port on these ports marked with “Empty” in the description column. For example, we can find below COM8 is Empty, so we can install Virtual COM Port on COM8 by click on it, then press “Install”.

Step 5. If your set up of the Virtual COM Port is successful, the system will ask you to reboot your PDA Phone. Please click “Yes” to reboot the device, and complete the installation of Virtual COM Port.
3. Get GPS Position Data

Step1. Go to Tools → “Contact List”. Add name and Tel. After adding it, select the name you want to track, and click OK to close this screen. Then go to Track screen. (Note: you can also key in any tel. # in the TEL column, which you like to track)

Step2. Then go to “Track” screen. Send the command “Get Position(GPRMC)” to the tracker; you will receive the position data from the tracker in a few seconds.

Get position (GPRMC)
Send back GPS data in GPRMC format. These data will be sent automatically to the mapping software.

Interval:
The time interval in seconds to send back GPS position data.

Times:
How many times for the unit to send back data => “-1” is for continuously sending; “0” is for stop sending; “n” (a figure) is for sending “n” times.
Step3. Then, open the mapping software. The image of **GPS port setting** will appear as a following figure. This figure is to set the source of GPS data. Set the **GPS Port** is to be the same as the **Virtual COM Port**. We set SMS Track in **COM8**; baudrate can be set in any number. Then, click **OK**.

Step4. After the GPS port is set, you can see the position on the map.

[For other functions, please read **SMS Track User Manual** in the CD.]
For software update or technique support, please contact your local distributor or contact:

http://www.gopasstech.com
E-mail: support@gopasstech.com