

GPS Device

(Model : GPS-100MVPA)

User Manual

Revision 1.0

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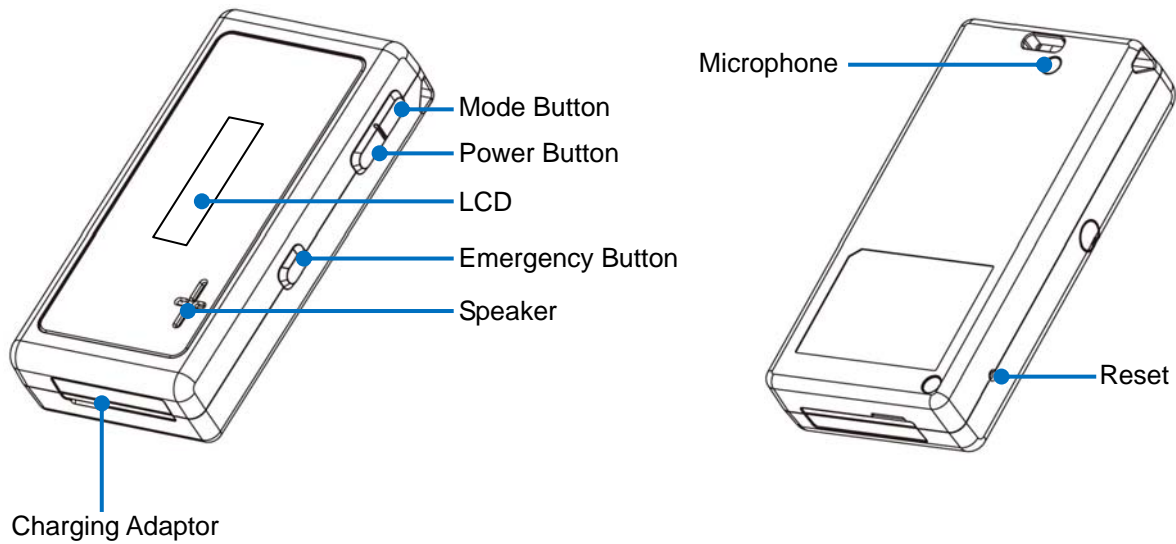
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1. Getting Started

1-1. Specifications

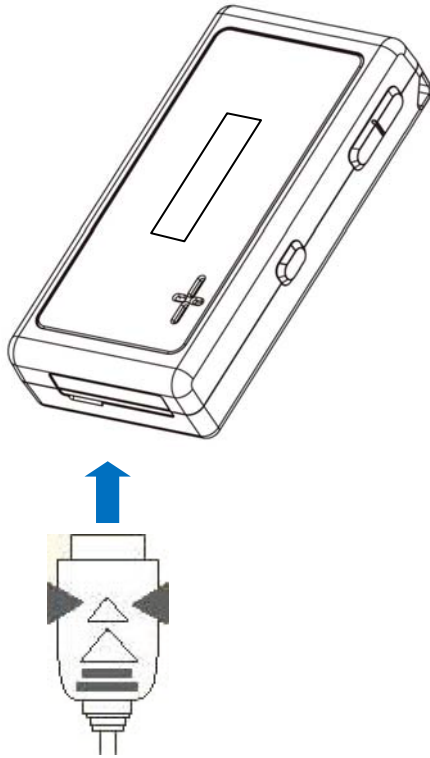
Model name	GPS-100MVPA
Technology	CDMA : 800MHz 1x GPS : L1 (1575.42MHz)
Antenna type	Dual PIFA Intenna (CDMA + GPS)
Operation temp.	-20°C ~ +60°C
Dimension	65mm x 33mm x 13.2mm (L x W x T)
Weight	35g
R-UIM	Not-Support
Battery	Polymer 650mA
Standby time	24 Hours

1-2. Appearance



1-3. Charging Battery

Use 24pin power adaptor included with the package.



2. Using *GPS-100MVP*

2-1. Basic Functions

- Real time position tracking
- Managing route of GPS device
- Using Google Map Service in user's PC and Smart phone

- Setting Safety-Zone (Geo Fence)

Warning whenever one gets out of *Safety-Zone* or gets in.

- Emergency (S.O.S) mode

In an emergency, user can report the situation to protector by pressing *Emergency (S.O.S) button*.

- Answering an incoming call
- Making a call to the registered phone number

2-2. Button Functions

2-2-1. Mode Button

- Switch display

In Idle screen, press the button to switch display DATE and TIME.

- Answer a call

Press the button to answer an incoming call.

- Make a call

In Idle screen, press the button longer to make a call to the registered phone number.

- Wake up *Sleep mode*

In Idle screen unless any button be used during seven (7) seconds, it turns into *Sleep mode*.

To wake up *Sleep mode*, press the button (any button).

- Volume control

You can control the volume during a phone call. Press the button to control the volume. Default volume is level four (4) of level five (5).

2-2-2. Power Button

- Wake up *Sleep mode*

In Idle screen unless any button be used during seven (7) seconds, it turns into *Sleep mode*.

To wake up *Sleep mode*, press the button (any button).

- End a call

Press the button to end a call.

- Reject an incoming call

Press the button to reject an incoming call.

- Power On/Off

Press the button longer to power On/Off.

2-2-3. Emergency (S.O.S) Button

- Wake up *Sleep mode*

In *Idle screen* unless any button be used during seven (7) seconds, it turns into *Sleep mode*.

To wake up *Sleep mode*, press the button (any button).

- Emergency (S.O.S) mode

In an emergency, user can report the situation to protector by pressing *Emergency (S.O.S) button*.

To enter emergency (S.O.S) mode:

- ✓ In *Idle screen*: Press the button longer.
- ✓ In *Sleep mode*: Press the button longer.
- ✓ During a phone call: Press the button shortly or longer. The call is over.

Steps of Emergency (S.O.S) mode

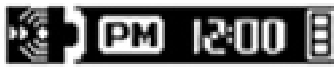
1. In an emergency situation, GPS device user presses the *Emergency (S.O.S) button*.
2. GPS device sends SMS notice to protector automatically.
3. Protector calls to GPS device.
4. GPS device receives the protector's call automatically and turns on microphone. Speaker turns out at the same time.
5. Protector can listen to sound of GPS device user's situation.

(After installing *JOA Map Service* in your PC, you can register phone number of protector.)

- Release Emergency (S.O.S) mode

In *Emergency (S.O.S) mode*, press *Emergency (S.O.S) button* longer to release emergency status.

2-3. LCD Images



Idle screen



Phone number



Emergency (S.O.S) mode



Power On



Power Off



Fail to receive GPS signal



Normal receiving GPS signal



Needs battery charging



Normal battery charging

3. Normal Care and Maintenance

- **Do not drop the unit**

If violently impacted or shocked, serious damage may be caused.

- **Not water-resistant**

This device is not water-resistant. Keep it dry.

- **Keep away from strong magnetic fields**

When using or storing, please keep away from strong electromagnetic/radioactive or magnetic field equipment.

- **Operating temperature**

The products operating temperature is between -20°C ~ +60°C; please do not operate under extreme temperatures.

- **Avoid exposure to sunlight**

Please avoid long periods of sunlight or high temperature exposure.

- **Do not disassemble**

Please do not disassemble the product, this may void the warranty and damage the unit.

- **Storage**

When the product is not being used for a long period, store the device in a cool and dry place. For long-term storage, keeping the unit in a dry box is recommended.

Please do not keep the product in the following environments:

1. Unventilated and humid locations.
2. In a car window that is exposed to excessive amounts of sunlight.
3. In an environment where humidity is over 90%.

FCC (Federal Communications Commission)

Caution

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

Information to User

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technical for help.

Body-worn Operation

This device was tested for typical body-worn operations with 10mm distance between the user's body and this device. In order to meet RF Maximum permissible Exposure Safety Guidelines, a minimum distance of 10mm shall be maintained between this device and personnel during transmitter operation.