
**GSM/GPRS GPS
NAVIGATOR/TRACKER
MODEL_5003**

User Manual

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Precaution and Notice

- GPS is operated and controlled under the sole responsibility of the Government of the United States of America, who are responsible for its availability and accuracy. Any changes in GPS availability and accuracy, or in environmental conditions, may impact the operation of your device. We can not accept any liability for the availability and accuracy of GPS.
- The PND is used only as a navigation aid. It is not for precise measurement of direction, distance, location or topography. The user must follow all traffic signs and local regulations along the roads.
- GPS satellite signals cannot pass through solid materials (except glass). When you are inside a tunnel or building, GPS position is not available.
- A minimum of 3 GPS satellite signals are needed to determine current location. Signal reception can be affected by situations such as bad weather or wireless devices or dense overhead obstacles (e.g. tall buildings).
- When you get out of the car, do not leave your PND on the dashboard or subject to direct sunlight. The overheating of the battery may cause malfunctions and/or dangerous conditions.
- For your own safety, do not operate the controls of the

PND while driving. Do not mount where the driver's field of vision is blocked

In the Box:

Device	Car charger
AC adapter	SD memory card*
Car mount system	Carry case*
User manual	Software manual*
USB cable	Warranty Card*

*** Optional accessories**

I. Basic Introduction

1. Appearances:

Fig. 1 Front View



Fig. 2 Side View

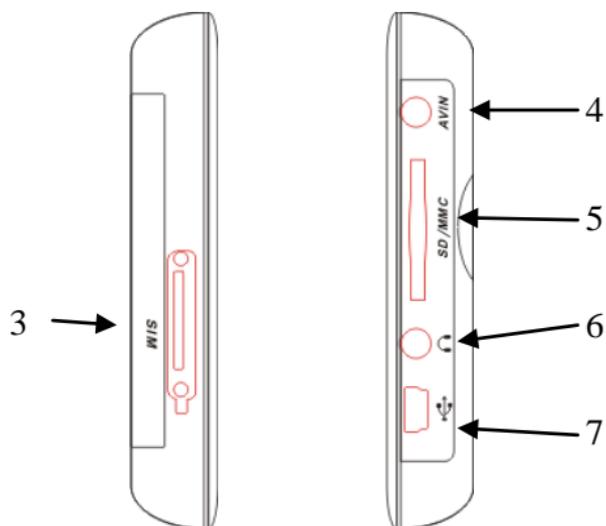
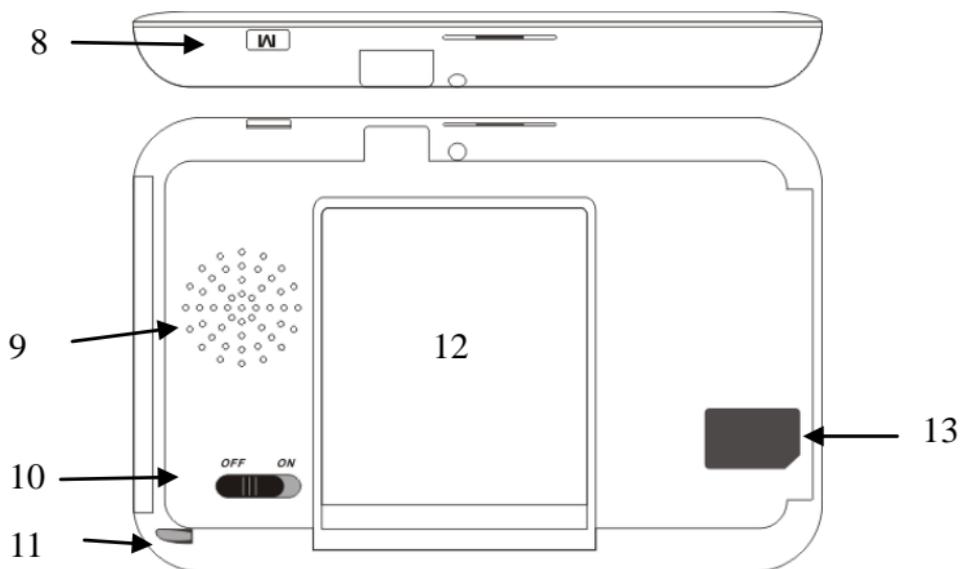


Fig. 3 Top and Back View



SN	Name	Function
1.	MIC	Built-in microphone
2.	LED Light	Green shows the equipment is working. Red shows it is charging. The Red fads out when charging is completed.
3.	SIM SLOT	GSM/GPRS SIM
4.	AV IN	Rearview camera input jack.
5.	SD/MMC slot	SD/MMC card input jack. Up to 32GB
6.	Earphone Jack	Output audio signals to the earphone, connect to the external earphone.
7.	USB Jack	Connect to the direct charger or vehicle charger for charging; Connect to PC via USB cable for data interchange.
8.	Menu Button	Short pressing in any status return to the main menu.
9.	Speaker	Built-in 1.5W speaker
10.	Power Button	Button for ON /OFF
11.	Stylus pen jack	Stylus pen for touch screen.
12.	Battery Slot	Built-in removable Li-ion

		rechargeable battery
13.	Label	Manufacturer label

2. Accessory Operations

2.1 Charging by AC adapter

Please use the AC adapter to charge the device for the first time. To maximize the life of the battery, the device must be full of charge for the first time.

1. Plug the adapter's USB port into the device's USB port on its right-side panel
2. Plug the adapter into the main supply socket.
3. The charging indicator will light. When the unit is fully charged, the red indicator will turn green.



2.2 Charging by car charger

-
1. Plug the car charger into the device's USB port on its side panel.
 2. Plug car charger's the other end into the car igniter.
 3. To avoid damage caused by instant current when igniting the car, please plug in the car charger after ignition.



2.3 Power supplied by built-in battery

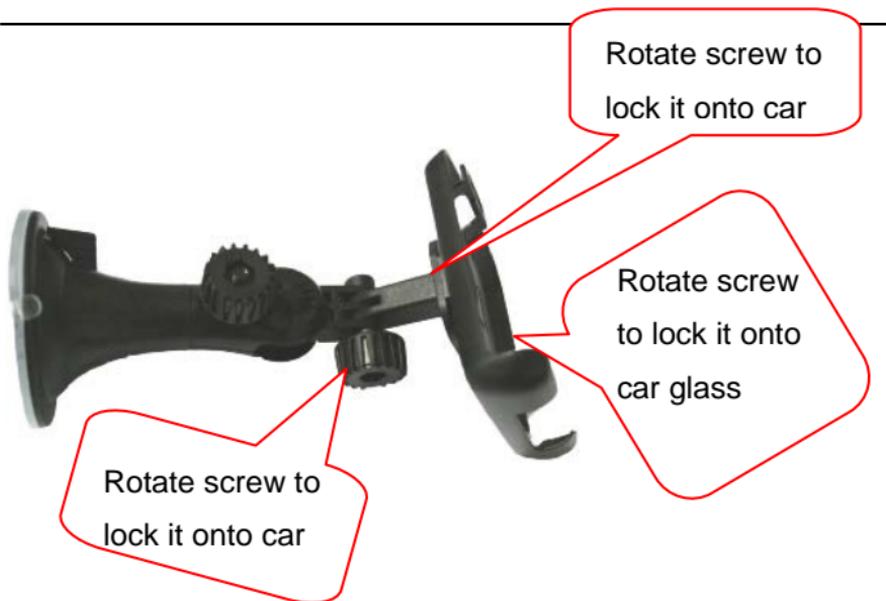
When disconnect with external adapter, the device is powered by its built-in Li-polymer battery. The icon [🔋] on the top right corner of the main menu and the icon [🔋] on the power setting interface shows the current remaining battery volume. When connect with external adapter, the device is powered by the external adapter.

2.4 Install the car mount system

1. Take off the protected film on the bottom of the suction. Then put the bracket onto a suitable location of your windscreen or side window, make sure the window or the suction or windscreen is clean and without water and some dirty things inside, fixing the stand on that position. Never place the stand where the driver's field of vision is blocked. If the car's windshield is tinted with a reflective coating, an external antenna (optional) may be needed to route the roads. The external antenna is stick to the top of the car through the window. When closing the car window, be careful not to pinch the antenna cable (Cars with an anti-jam window design may automatically leave adequate space as needed.).

2. Install the holder into the car bracket, and then put PND into the holder.

3. To remove the bracket, press 2 side buttons, pull left lightly and then take off the suction. If the bracket still doesn't detach from your windscreen, tug gently on the clear plastic tab at the edge of the suction mount, to break the vacuum seal.



2.5 USB Cable usage

The USB cable is provided for system upgrades. This USB cable will work on the PC either with Microsoft Active Sync® or as a mass storage media. You can select the mode in the “System-Sys Info-USB” menu.



3. GPS Initial Start Up

For the first time to start up the navigation program, the device shall be operated in an open area without obstructions.

Hold the device still until it receiving up to 4 satellite signals, and then you can start your program as you wish.

Note:

There are various ways for searching a location on the map or planning your routing. See navigation user manual which guides you through the process of running this function in detail.

II. Functions Operation

1. Power On & Off

1.1. Power on

Move the power switch on the back of the PND to power on the device.

Remarks: When the device is transported from one place to another, it could be powered on only after it adapts to the outside environment, because the great fluctuations in humidity and moisture may lead internal short circuit.

1.2. Power off

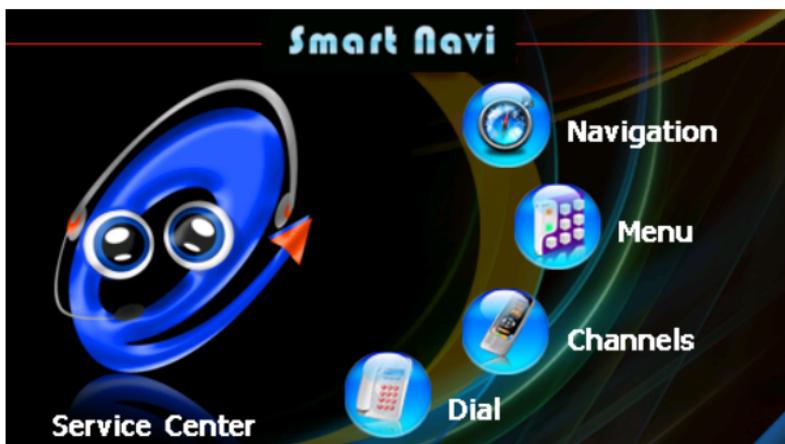
Move the power switch on the back of the PND to power on the device.

1.3. Reset the system

When no response reflected from the device, move the power switch button on the rear panel to reset the system.

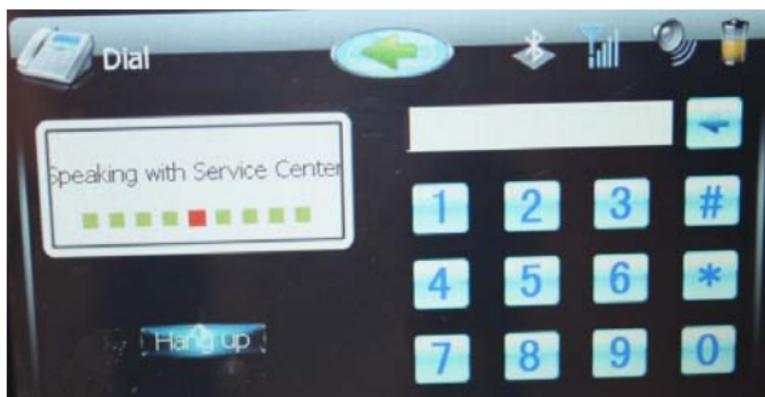
2. Main Interface

Power on the device and the main menu screen will be displayed as following:



2.1. Service Center

Tap the icon "Service Center" to talk to the service center.



2.2. Navigation

Tap the icon “Navigation” to start the navigation program.

Note: During navigation or other operations, quickly press the MENU button, “Main Menu” screen will be displayed.



To run navigation, the gps program path should be set first. Refer to 2.3.6.4.2.

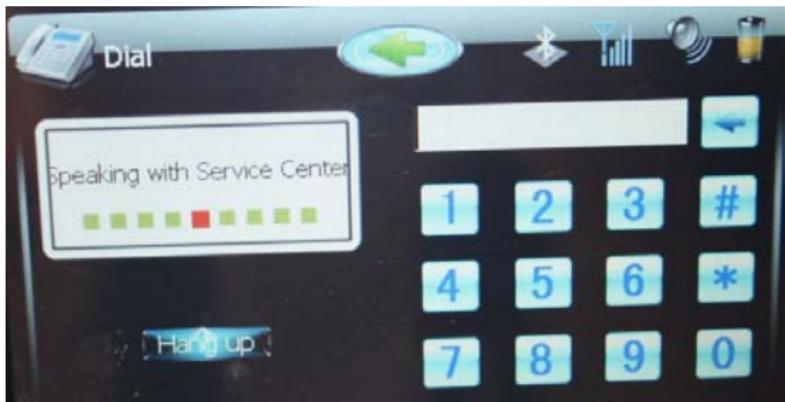
2.3. Menu

Tap the icon “Menu” on the main menu and enter into the following interface:



2.3.1. Call Center

Tap the “Call Center” icon to talk to the service center.



2.3.2. Internet

Tap the icon “internet” to browse internet.



2.3.3. Communication

Tap the icon “communication” and enter into the following interface:



2.3.3.1. Calling

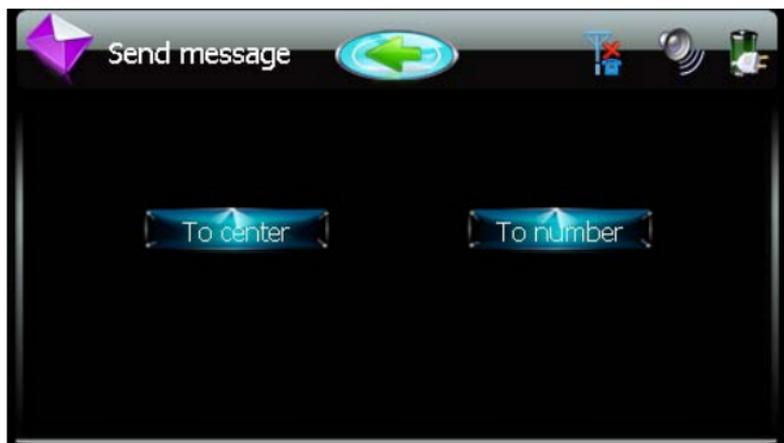
Tap the icon “calling” and enter into the following interface:

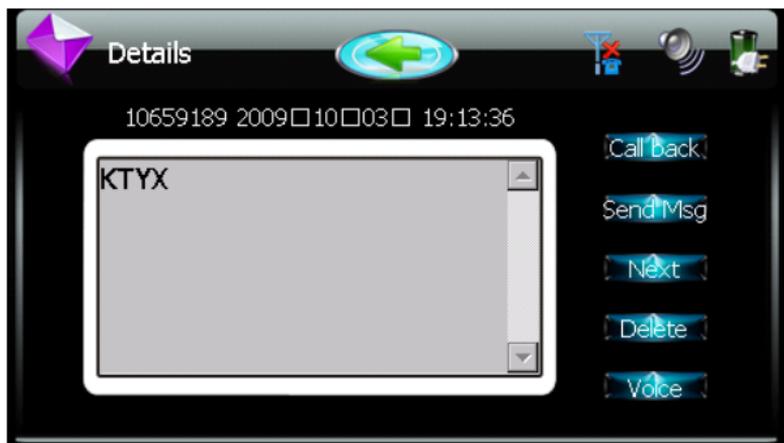


2.3.3.2. Message

Tap the icon "Message" and enter into the following interfaces:









2.3.3.3. Contact

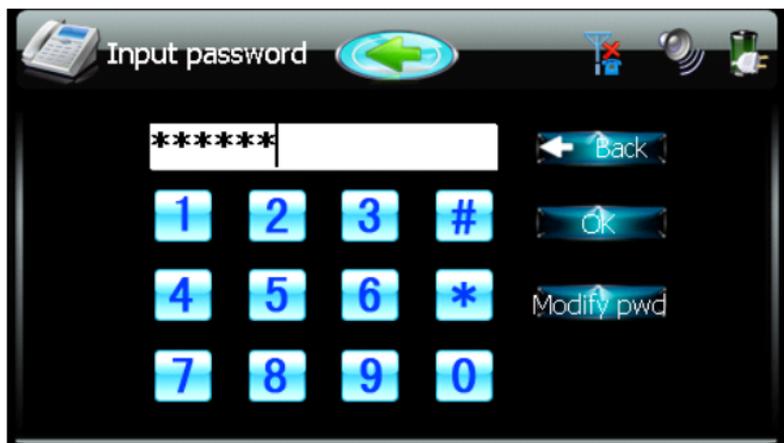
Tap the icon "Contact" and enter into the following interface:





2.3.3.4. Setting

Tap the icon "Setting" and enter into the following interface:



The default password is 000000 or 888888. Tap “modify pwd” to change password.

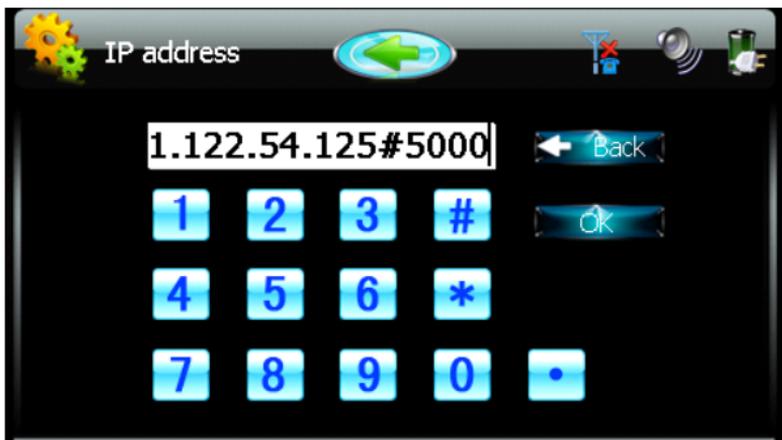
After input correct password, the following interface will be entered into:



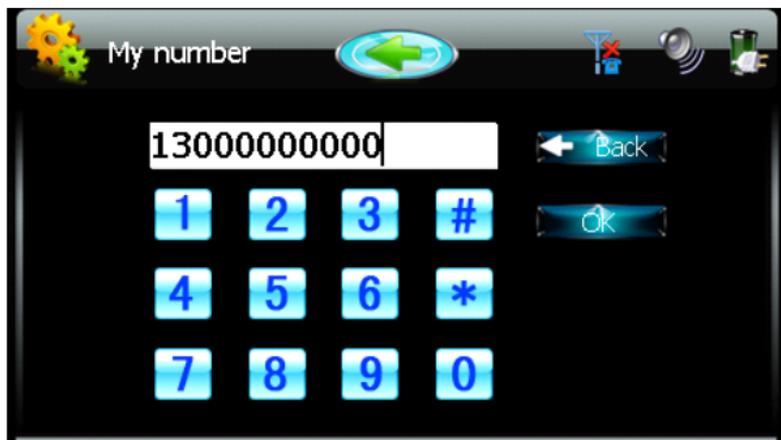
Input the service center's numbers and tap OK:



Input the real-time monitoring platform's IP address and its com port. For details, contact your platform provider:



To make your sim number default:



Input a SOS number, ie. 999, and tap ok to save:

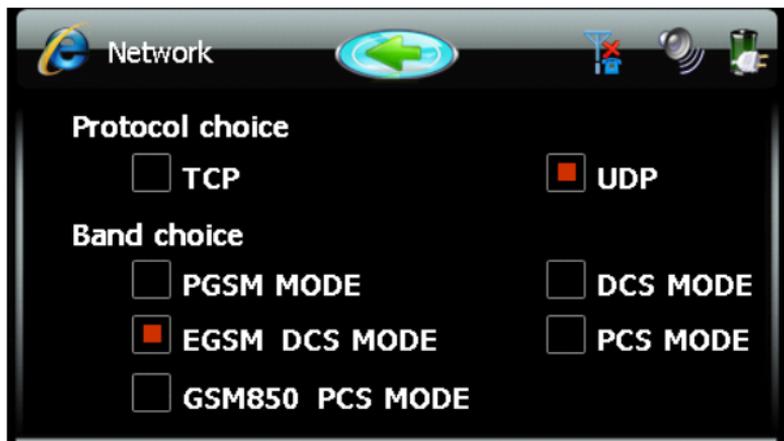


Input your GSM/GPRS service provider's APN code. For details,

please contact your GSM/GPRS service provider:



Select the correct GSM/GPRS network mode. For details,
please contact your gsm/gprs service provider:



2.3.4. Entertainment

Tap the icon “Entertainment” and enter into the following interface:



2.3.4.1. Music

Tap the icon “Menu” on the main menu and enter into the following interface:



Double click your desired file and enter into the following interface:



Return to the main menu



Play



Stop



Pause



Previous music



Next music

2.3.4.2 Movie

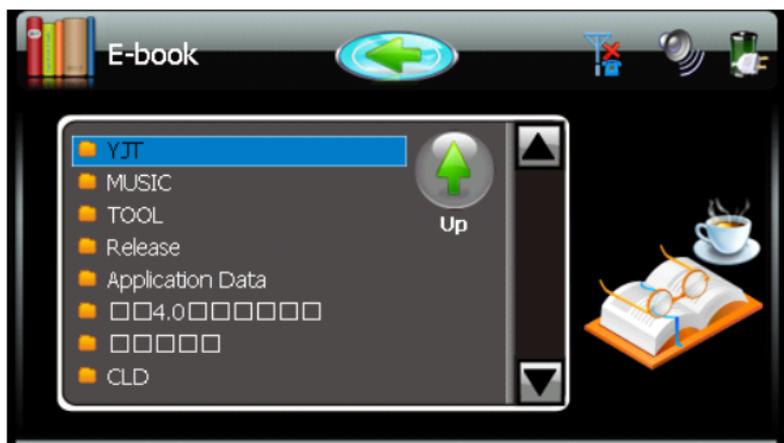
Tap the icon “Movie” and enter into the following interface:



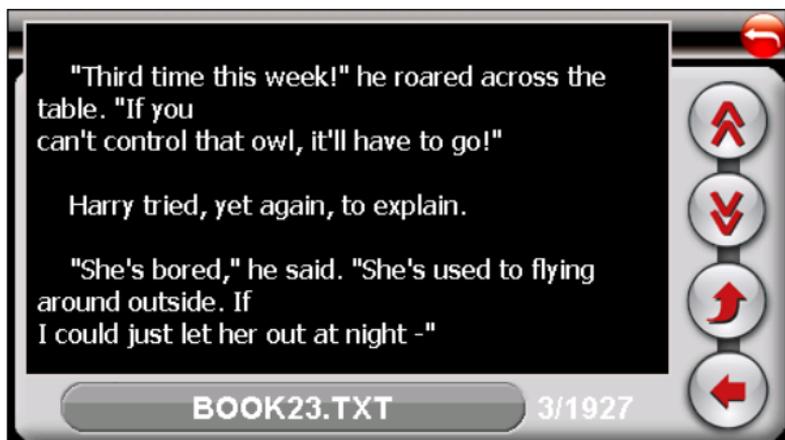
Double click your desired video file to select and play videos and movies.

2.3.4.3. E-book

Tap the icon “E-book” and enter into the following interface:



Double click your desired document and enter into the following interface:



2.3.4.4. Photo

Tap the icon "Photo" and enter into the following interface:



2.3.5. SOS

Tap the icon "SOS" to call for SOS help.

2.3.6. Setting

Tap the icon “setting” under “menu” interface and enter into the following interface:



2.3.6.1. Language

Tap the icon “language” to select menu languages.



2.3.6.2. Power

Tap the icon “power” and enter into the following interface:



2.3.6.3. Voice

Tap the icon “Voice” and enter into the following interface:



2.3.6.4. System

Tap the icon “System” and enter into the following interface:



2.3.6.4.1. Default Setting

Tap the icon “Default setting” to reload factory default setting:



2.3.6.4.2. GPS Path

Tap the icon “GPS Path” to set the gps program path. Select and double tap a .exe format file of the navigation software:



2.3.6.5. Date

Tap the icon “Day” and enter into the following interface:



A) Tap the icon "Date" to set up the date.



B) Tap the icon "Time" to set up the time.



C) Tap "Time Zone" icon to adjust the time.



2.3.6.6. Calibration

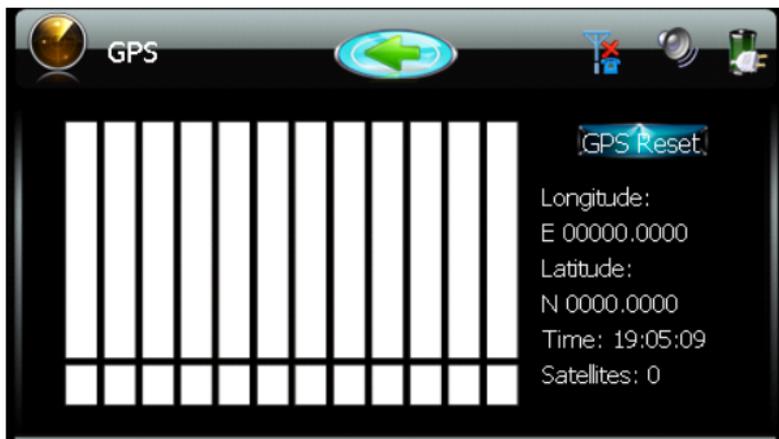
Tap the icon "Calibrate" to adjust the touch screen, touch the "+" until it shows OK.

Carefully press and briefly hold stylus on the center of the target.
Repeat as the target moves around the screen.



2.3.6.7. GPS

Tap the icon “GPS” and enter into the following interface to check the gps signal status:



2.3.6.8. Bluetooth

Tap the icon “Bluetooth” and enter into the following interface:



2.3.6.8.1. Redial

Tap the icon “Redial” to call the previous phone number again.

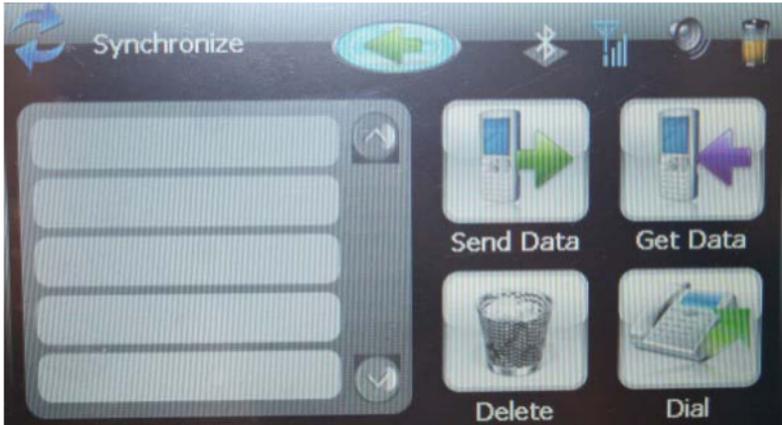
2.3.6.8.2. Call

Tap the icon “Call” to call a number.



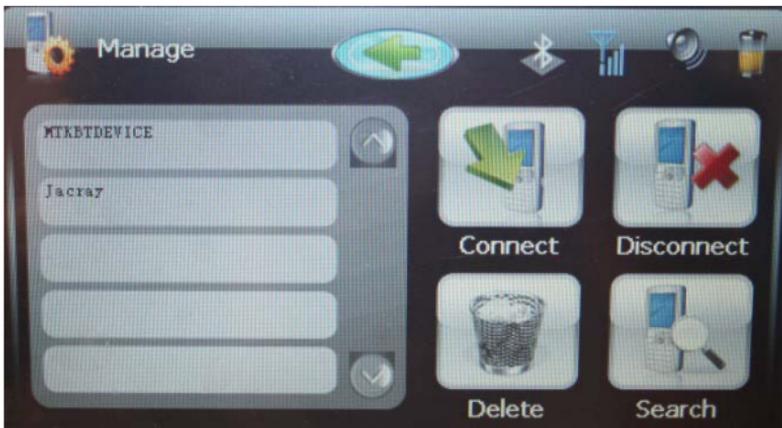
2.3.6.8.3. Synchronize

Tap the icon “Synchronize” to synchronize between devices.



2.3.6.8.4. Manage

Tap the icon “Manage” and enter into the following interface:



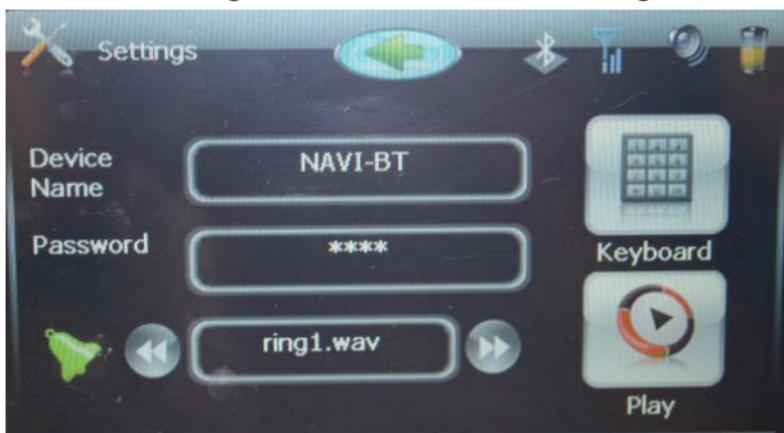
2.3.6.8.5. Connect

Tap the icon “Connect” to get the Bluetooth paired and connected.



2.3.6.8.6. Settings

Tap the icon "Settings" and enter into the following interface:



2.4. Channel

Tap the icon "Channel" and enter into the following interface:



2.4.1. Number Query

Tap the icon “Number query” to quick query phone numbers.

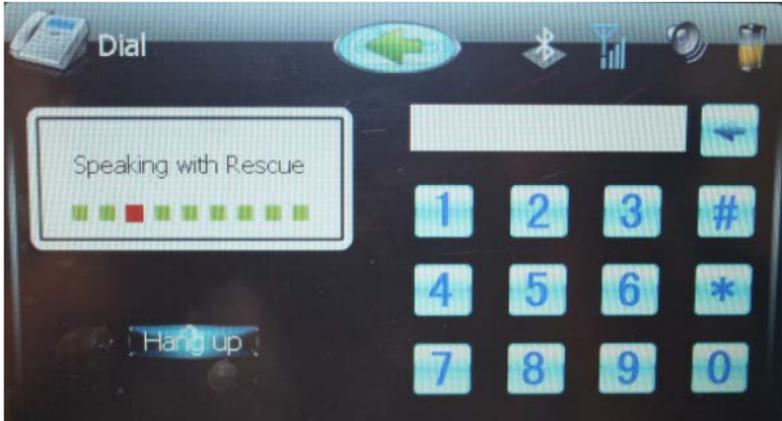
2.4.2. Ticket Booking

Tap the icon “Ticket Booking” to connect to ticket booking center.



2.4.3. Rescue

Tap the icon “Rescue” to ask for quick rescue.



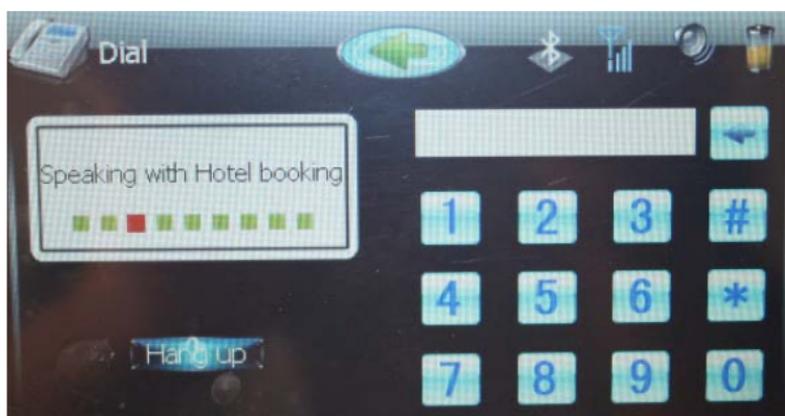
2.4.4. Food Booking

Tap the icon “Food Booking” to order foods.



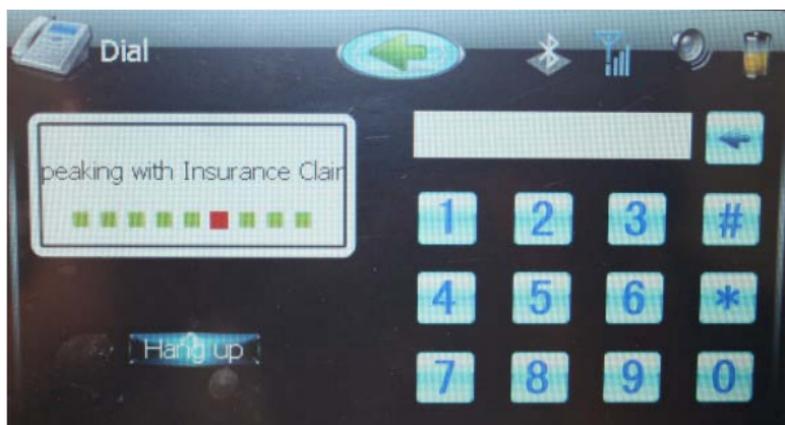
2.4.5. Hotel Booking

Tap the icon “Hotel Booking” to book hotels.



2.4.6. Insurance Claim

Tap the icon “Insurance Claim” to talk to Insurance company for insurance claims.



2.5. Dial

Tap the icon “Dial” to make a phone call quickly.



Specifications

Hardware		
CPU		Samsung ARM926 S3C2440 400MHz
Memory	Flash	Built-in MLC flash, 64MB-1GB and above
	RAM	64 MB DRAM
Display	Display	5.0" TFT LCD Touch Screen
	Aspect Ratio	16:9
	Resolution	480*272 pixels
GPS Receiver		SiRF star III
Antenna		Built- in

Input/Output	Touch Panel	Resistive type touch panel
	Speaker	Built-in loud speaker
	Headphone	3.5 mm Stereo Jack
	Extended storage	SD Card, support 4GB
	USB	USB2.0, full speed, up to 12Mbps, support ActiveSync and Mass storage
Buttons / Switches		Power On/Off, Reset
LED Indicator		Yes
Battery		Rechargeable Li-Polymer battery, 1500mAh
Car Charger	Input	DC +12V
	Output	DC +5V, 3A, via USB
AC/DC Adapter	Input	AC 110~240V
	Output	DC +5V, 3A, via USB
SMS		Yes
Web Browser		Yes
Contact Synchronization with Outlook		Yes
Voice Communication		Yes

GSM		GSM/GPRS: EGSM900MHZ / DCS1800MHZ / PCS1900MHZ, support GPRS class10/class8(optional), support GPRS CS-1,CS-2, CS-3 and CS-4 coding mode.	
Certification & Regulation		CE, FCC, and RoHS compliant	
Physical Characteristics	Dimension	135mm*91mm*16mm (L*H*D)	
	Weight	0.22Kgs	
Environment Conditions	Temperature	Operation	-10~50°C
		Storage	-20~60°C
	Humidity	Operation	0~90%, Non-Condensed
		Storage	0~90%, Non-Condensed