Rear View Mirror Device

>> User Manual <<

V1.0

—Leading Automotive electronic equipment—

Navigate, Radar Dectect, Video Record, Park System, Bluetooth
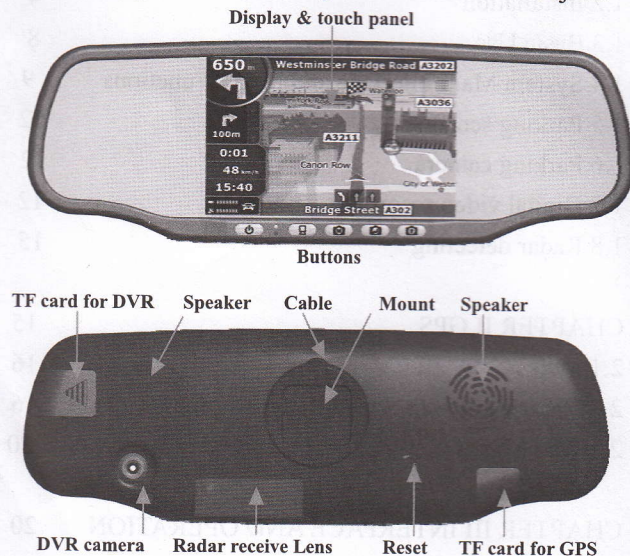
CONTENTS

Chapter I Beginning Use

1.1 Appearance

The effect figure below is subject to the material object.

Display & touch panel

650 m. Westminster Bridge Road A3202
A3036
100m
0:01
48 km/h
15:40
Canon Row
City of Westm
Bridge Street A302

Buttons

TF card for DVR   Speaker   Cable   Mount   Speaker

DVR camera   Radar receive Lens   Reset   TF card for GPS

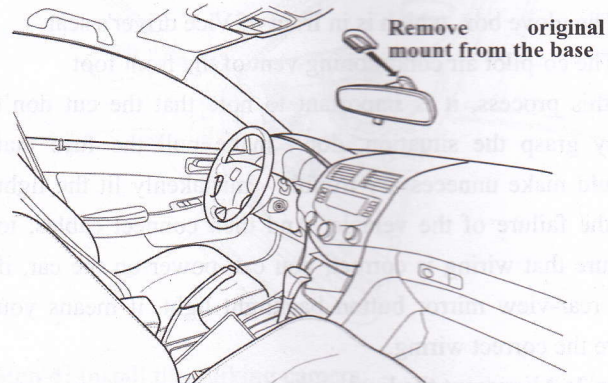### Optional Accessories:

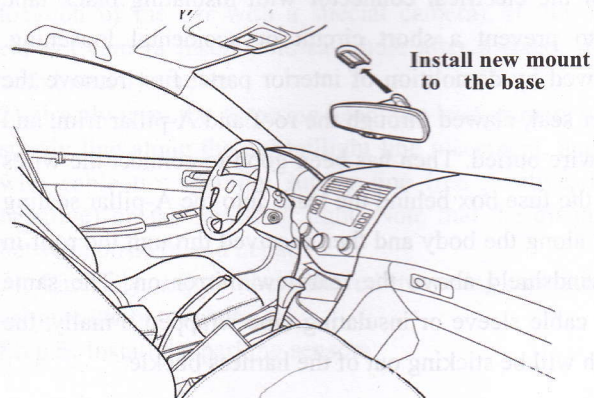Cable   Bracket   TF card   Park system: camera&sensor
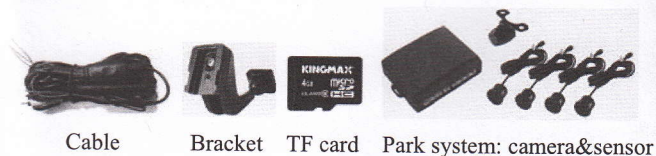
1.2 Installation

The following must be opereted by professional.

Step 1: Remove the original mirror from the base;

Remove   original
mount from the base

Then install the product. Different car has different bracket.

Install new mount
to the base

**Step 2:** Find out the BAT+ and ACC line of the car. The fuse box of most vehicles is lied in the positions:

1, The plaque , which is in the car hood on the driver's side.

2, The glove box, which is in front of Vice driver's seat.

3, The co-pilot air conditioning vent of the front foot

In this process, it is important to note that the cut don't fully grasp the situation, don't make pull the fuse that would make unnecessary trouble - mistakenly lit the light of the failure of the vehicle. And then connect cables, to ensure that wiring is correct, you can power on the car, if the rear-view mirror button backlight light, it means you have the correct wiring.

Step 3: Alignment the line:

All of the electrical connector with insulating black tape tied to prevent a short circuit or accidental loosening. Followed by demolition of interior parts: first remove the rubber seal, clawed through the roof and A-pillar trim, and then wire buried. Then has been good to connect the wires from the fuse box behind the leads into the A-pillar sealing strips along the body and then received through the roof in the windshield above the rearview mirror on. The same color cable sleeve or insulating tape wrapped. Finally, the trough will be sticking out of the harness buckle.

Red Line to BAT+,   +12v
Green Line to ACC,   +12v
Black line to GND
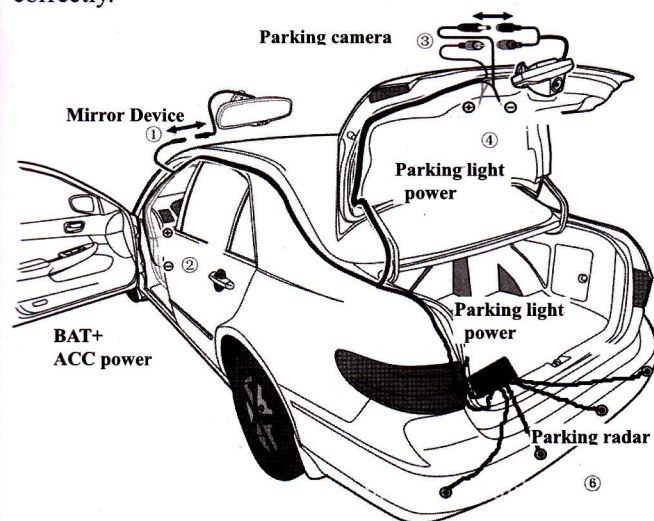Blue line to Back,   +12V
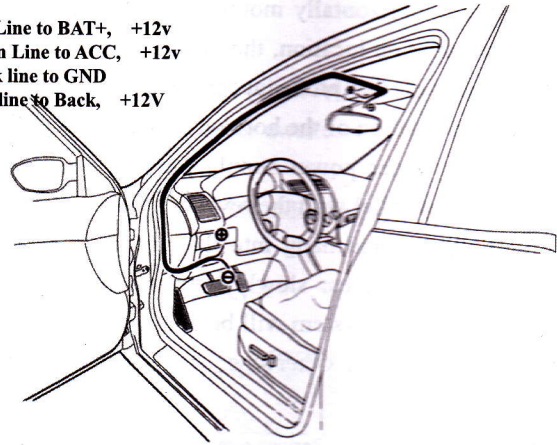
Step 4: Install the parking camera:

1) to find the install universal camera (or the appropriate location of the car with a special camera), if the punch camera camera insert hole saw hole after a fixed, if it is with butterfly screws.

2) directly from the reversing headlight lead, camera power supply line along the car taillight line placement, and tied with cable ties, parallel supply line (red positive, black negative) on the reversing light. Note that the distinction between positive and negative.

3) Carefully adjust the allowed reversing horizons to achieve the best results.

Step 5: Install the parking sensors:

1) the probe horizontally mounted in the appropriate hole on the installation location, the best height of 50 to 60 cm, the spacing of the probe according to the number and installation location of the horizontal width.

2) reversing radar power supply line (red positive, black negative) in parallel with the reversing lights on.

3) Start the car and hang into the reverse parking sensor into operation, the car slowly retrogression to move in a certain object, the system will be able to detect and display the object distance, otherwise check the probe installed correctly.

Parking camera ③

Mirror Device ①

Parking light power ④

BAT+ ACC power

Parking light power

Parking radar

⑥

1.3 Basic Use

1.3.1 Powering on/off

The device automatically run when ACC is power on. Press the power key to enter sleep or awake.

1.3.2 Led status

Green Led:The video recorder indicator, it is twinkle when it is recording.

Red Led: The power indicator.

1.3.3 Key definitions

BASE KEY	Short push		Long push	
POWER	Sleep		Power off	
LCD	Close backlight		Switch GPS or DVR	
RESET	To reset the system			
DVR KEY	Recording	Reviewing	Menu	No video
MENU	Menu on/off	Menu on/off	Exit Menu	Menu on/off
OK	Stop record, Enter review	Pause/play	Enter	Record
UP	Voice record on/off	Play: last video Pause/stop:record	Up	

1.3.4 Using T-FLASH Card

Copy mapping applications, map data and media files in a T-FLASH card. Insert the card in the bottow slot.

[Note]:

1. Do not take out the card while an navigation program is being run or a media file is being played.

2. To avoid drop or crash of the T-FLASH card, do not exert heavy pressure on it or bend it.

3. Mind the direction while inserting the T-FLASH card to avoid damaging the slot or the card.

1.4 System Main Interface and Major Functions

When power on the device, it will enter the system main interface.
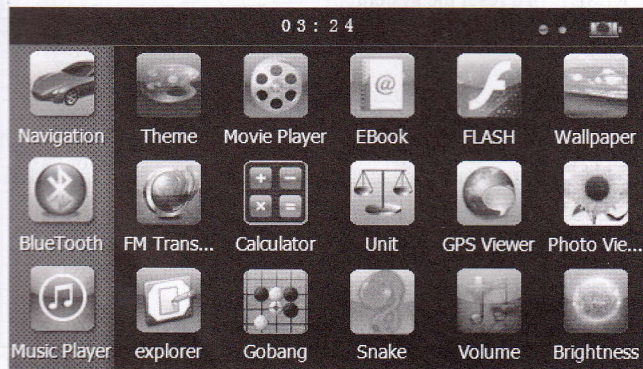
The main functions are listed as below.

Function	Explanation
Navigation	Tap to enable navigation and detecting radar function
Radar alarm	Support X, K, KA,KU, New K, Laser band.
Video recorder	Support HD 720P video recording, built_in million pixel camera.
Parking system	Support the reversing camera and parking sensors input, display the image and distance on the screen
Music player	WMA9 and WAV files supported; Random, sequence and cycle play supported

Movie player	WMV, ASF and AVI files supported; Adjustment of playing progress, pause and full-screen play supported
E-book	TXT files reading supporting page selection
Flash	SWF files supported;
Wallpaper	Set Desktop Wallpaper
FM	FM channel to adjust the power
Calculator	Units can be calculated
Unit	The unit conversion
Gps info	Recorded signal
Theme	Theme settings
Photo browser	JPG，GIF，BMP and PNG files supported; Photo rotation, zoom in/out and auto play supported
Explorer	Go to the desktop
Gobang	Gobang games
BoxMan	BoxMan games
Snake	Snake games
Nav path	Navigation path specified
Volume	Set Volume
Backlight	Set backlight brightness
Language	Set Language

Datetime	Time and date settings
Sys info	Check the latest information
Bluetooth	Bluetooth setup operation

1.5 Parking sensors_Optional function

Please view in the user manual of Parking sensors.

1.6 Parking camera_Optional function

After the device runs on, it will display the reversing image when the car is changed into reverse. Click the upper left corner of your display can flip the image, click on the screen the lower right corner to the upside down image.

1.7 Digital video recording

When the device power on, the default display screen is GPS . Tap the key to switch GPS/DVR. Click the upper left corner of your display can flip the image, click on the screen the lower right corner to the upside down image.

1.7.1 Features

High-definition: Video Size can be set to high-definition HD 720P (1280x720/30FPS) or VGA (640x480/30FPS,).

Continuous recording without interruption:

The proprietary file format to reach without a break, do not reveal seconds continuous recording, and ensure not to miss any important scenes.

Automatic cycle coverage:

When the memory card is full, the new video clips will automatically overwrite the first image.

Easy to use: do not need complex setting, used for the first just want to date and time set, and then start the engine automatically recording, stop recording after shutdown.

Playback function: the movie itself has a display, you can preview the video screen and playback video clips.

MJPG video format: each screen in the film are independent and complete real images, not H.264 or MPEG4 predict calculated from the screen, you can provide evidence of the most convincing image.

Voice: support recording and playback.

Storage media: requires the use of high-speed TF card, support for 4 ~ 32GB, video uses a proprietary file format, please formatted the card before using.

1.7.2 Menu item define

Main Menu	Sub Menu	Description
Video Size	640 x 480	Set the video size
	1280 x 720	
Time Setup	YYYY/MM/DD	Set date and time
	HH:MM:SS	
Format	Yes	Format the TF card
	No	

TV Out	NTSC	Set the fomat of TV out
	PAL	
Audio Record	On	Set for recording audio
	Off	
Language	English	Set the language for menu
	繁體中文	
	简体中文	
Frequency	50Hz	Set the frequency of video
	60Hz	

1.7.3 System error message define

Error Message	Description	Solution
No Card	Dectect no card	Push in a card
Card Protected	Card is protected	Unlock and push in
Card Error	Error occur when reading or writing the card	Replace a new one
Card size too small	Size is smaller than 4GB,so cann't record	Please use 4GB or larger
Card not formatted	Card is not formatted yet,so cann't record	Formot it firstly
Card size changed	Card size is changed,so cann't record	Please backup the data and format it.
Sensor FAIL	Sensor Initialize an exception occurs,so cann't record	Return to repair

| Protec slot full | There is no room for more locked video | Unlock some in playback mode |
| No Video | No video | Just to record |

1.8 Speed radar detecting*

Please ensure that there are no other obstacles (except the windshield) on the front of the radar receiver window.User can set parameters of the radar alarming on the setting screen. the software has built in the memory card (or local memory).If user use the replacementmemory card,please contact your dealer to authorize a new memory card ID to use. Before use the new version please operate that: Enter the route of \menu \ Settings \ navigation path, select the the P43_2.EXE in the memory card, double-click to save the path and exit.

Chapter II GPS

Various navigation mapping applications can be installed in the GPS navigator, which position the navigator via the satellite receiver and display it on the map. Set a destination, and the system will automatically work out the best path to help the user reach the destination safely and quickly.

2.1 Map

Due to transportation development, inconformity between products and real traffic information will occur a period after product release. Please drive according to road condition and abide by traffic regulations.

2.2 Navigation with Speed Radar Alarm

Tap [Navigation] to enable navigation and detecting radar function.
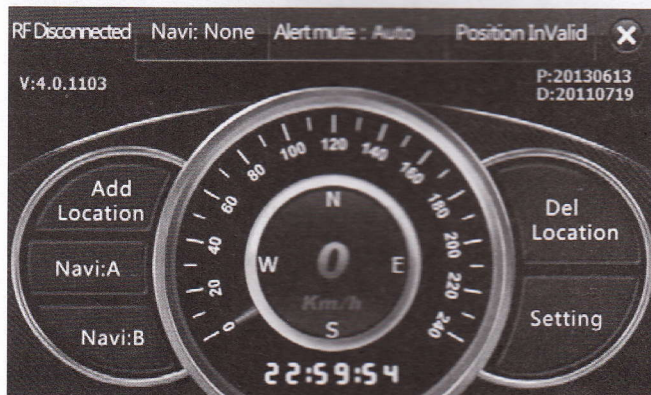
Tap [Add Location] to add current position as a alarm camera location, you can choose which the type of the alarm camera is in the next windows.

- [✓] Traffic Lighting
- [ ] Speed Camera of Road
- [ ] Cross Lighting
- [ ] Flow Speed Section
- [ ] High Speed Camera
- [ ] Risky Section

[ ] Veverse Collection

Speed Limif 60 km/h ▲ ▼

Save
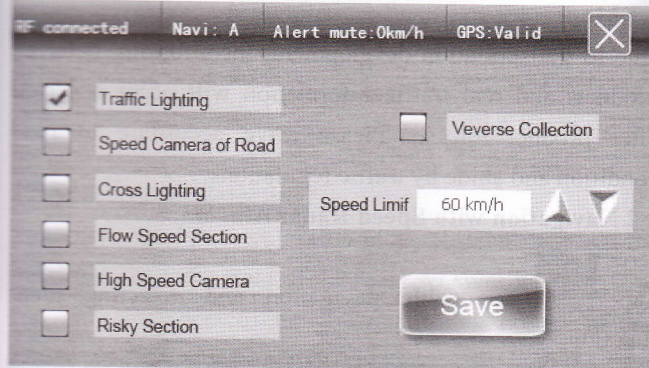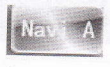
Tap **Del Location** to delete the current position from the alarm location list.

Tap **Navigation** to enter navigation map. Navigation paths are for reference only, and the user may decide whether to follow them.

Tap **Setting** to enter the setting menu, and set the value for speed radar detecting funtion.

X-band [✓] K-band [✓] Navi: A 🔍
Ku-band [✓] Ka-band [✓] Navi: B 🔍

Valid Satellites 0

longitude E 0.000000
Latitude N 0.000000
Velocity 0.00 km/h

Traffic Lighting [✓]
Camera Alarm [✓]
Spot

Preview

Alert mute Auto ▲ ▼ 🔊 — +

Name	Icon	Explanation
Traffic Lighting	[✓]	Traffice light Alarm on/ off
Camera Alarm	[✓]	Camera Alarm on/ off
Spot		Display alarm tips on the upper left corner
		Display alarm tips on the upper rightcorner
		Display alarm tips on the lower left corner
		Display alarm tips on the lower right corner

	Preview	Preview
Speed of Silence	0 km/h	When car speed is smallar than the value, The alarm does not prompt
	▲	Add the speed value
	▼	Sub the speed value
Navi A	Navi A	Select A as current excutived navi program, Navi A will display on title bar.
Navi B	Navi B	Select B as current excutived navi program, Navi A will display on title bar.
Paths		Specify the path of navigation A, B, and C
Volume		Volume discrease
		Volume increase

Tap [icon] to set the navigation paths for A, B.

\SDMMC\Edog\

RECORD   USERDATA   WM.Edog

2.3 GPS signal.

High and crowded structures (such as inside of tunnels, space between high buildings, underground car parks and under viaducts), weather change or satellite signals turnoff may influence signal reception, resulting in positioning failure, inaccurate positioning, navigation failure or system function abnormity.

Different navigation maps may have different operation methods. Please follow instructions of corresponding navigation mapping applications.

[Note] Before using the GPS navigator, please purchase and install mapping applications and appoint file paths.

Chapter III Interface and Operation

3.1 Music Player

Tap ![Music] in the system main interface to enter the **music** interface as shown below.

![Music Play interface showing Length: 05:11, 01:51 Play, with lyrics and playback controls]
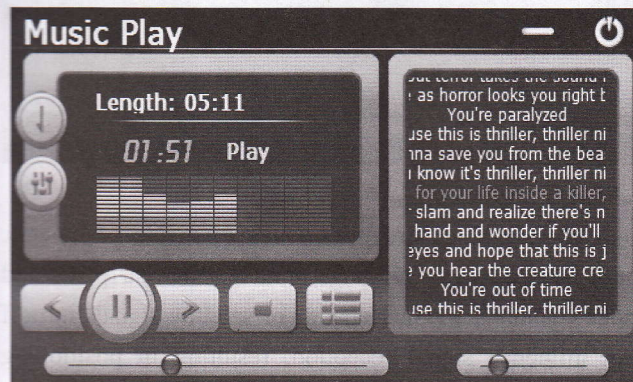
Icon	Name	Explanation
⏻	Close	Close the music player.
▬	Minimize	Minimize the music player and return to the **Media** interface.
▶	Play	Continue playing the paused/ stopped music.

	Pause	Pause the music being played.
	Stop	Stop the music being played.
	Set play sequence	Select sequence, random or cycle play.
	Previous	Play the previous music.
	Next	Play the next music.
	Volume	Drag it leftward to turn down or rightward to turn up the volume.
	Progress	Drag it leftward or rightward to play from a previous or future moment.
	Music list	Enter it to select music to play.
01:51	Time	Display the run time.
	Equalizer	Enter the equalizer.

Tap ![icon] in the interface **Music Play** to enter the **Music list** shown as below.

Music List

snowman.Wma
casablanca.wma
Flight Of The Wild Geese...
John of the glen.wma
the twist of the rope.wma
banty girls lament.wma
BlackRose.wma

1.the twist of the rope
2.Thriller-Michael Jackson
3.BlackRose
4.snowman
5.John of the glen

Icon	Name	Explanation
⏻	Close	Close the **Music List**
▯	Scroll bar	Drag it upward/ downward to view all music.
	Add one	Add a piece of music on the left list to the play list on the right.
	Add all	Add all the music on the left list to the play list on the right.
	Delete one	Select one piece of music in the play list and tap the icon to delete it.
	Delete all	Delete all the music in the play list.

3.2 Movie Player
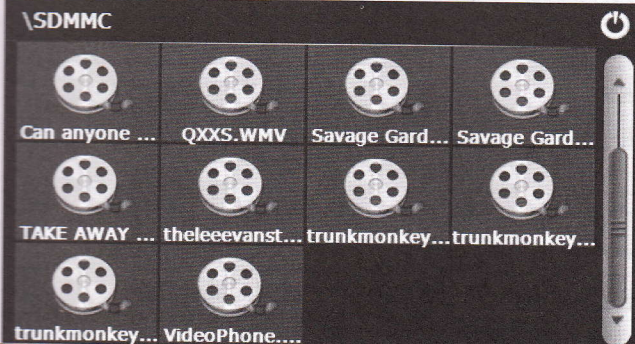
Tap [Movie] in the video player interface shown as below.

REJOY.WMV
00:00:00/00:00:30

Icon	Name	Explanation
✕	Close	Close the video player.
◄	Previous film	Play the previous film.
▶	Play	Continue playing the paused/ stopped music.
►	Next film	Play the next film.
■	Stop	Stop the film being played.
	Video folder	Enter it to select a film to play.

	Progress	Drag the sliding block leftward to play from a previous moment or rightward coming moment.
	Volume	Drag it leftward to turn down or rightward to turn up the volume.
00:00:00/00:00:30	Time	Display the play time and the music duration.
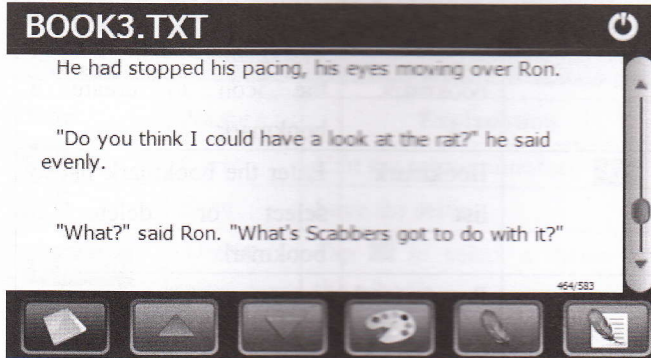
Tap ▤ in the **Video Player** interface to enter the video folder shown as below.

Icon	Name	Explanation
⏻	Close	Close the video folder.

- 25 -

	Scroll bar	Drag the sliding block upward/ downward to view all the files inside the folder.
QXXS.WMV	Film name& format	Film name and its format

3.3 E-book Reader

Tap EBook in the **Media** interface to enter the reader interface shown as below.

Icon	Name	Explanation
FUCHEN.TXT	File name& format	Current file name and format.
⏻	Close	Close the reader.

- 26 -

	Scroll bar	Drag the sliding block upward/ downward to view all content of the e-book.
	Folder	Enter the e-book folder to select an e-book to read.
	Previous	Read the previous page.
	Next	Read the next page.
	Setting	Select a text theme, font, word size and bold type.
	New bookmark	Select partial text and tap the icon to create a bookmark.
	Bookmark list	Enter the bookmark list to select or delete a bookmark.
1/305	Page/ total pages	Current page/ total pages

Tap [icon] in the e-book reader interface to enter the setting interface shown as below:

Setting

Theme   Theme 1 ▼

Font   Tahoma ▼   15 ▼

☐ Bold

Icon	Name	Explanation
⏻	Close	Exit the setting interface
💾	Save	Save the setting.
Theme	Theme	Tap ◣ to select a theme for the e-book.
Font	Font	Tap ◣ to select a font for the e-book.
Bold	Bold	Tap to enable bold type. Tap it again to cancel.

Tap [icon] in the e-book reader interface to enter the e-book folder shown as below.
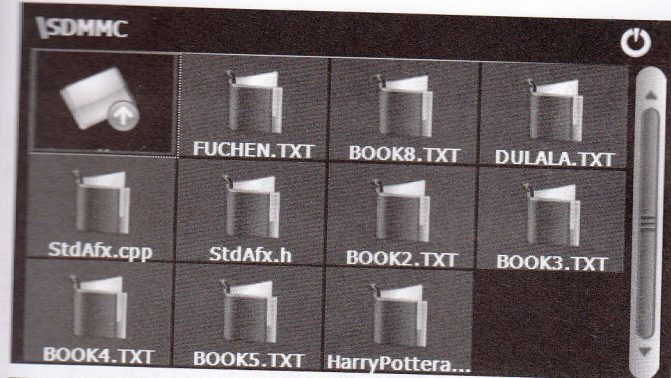
Icon	Name	Explanation
	Close	Close current folder.
	Return	Return to the previous folder.
	Scroll bar	Drag the sliding block upward/ downward to view all TXT files.
	File name& format	The file name and format.

To create a bookmark, locate a page by taping or or dragging the scroll bar in the reader interface and drag to select text content. Tap when it is on. Tap **OK** to finish.

Tap to view created bookmarks in the interface of **Bookmark List** shown as below.
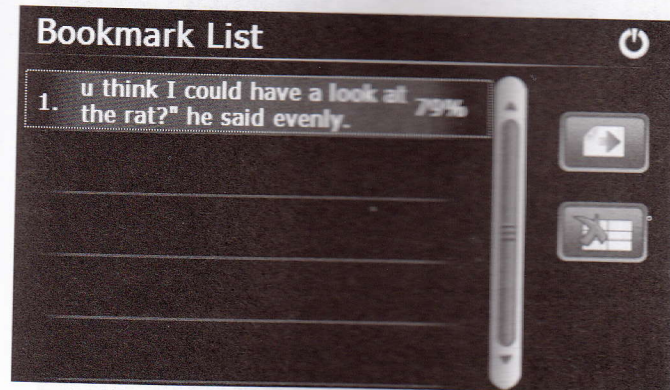
Drag the scroll bar and select a bookmark on the left list. Tap to go to the page with the bookmark or tap to delete the bookmark.

3.4 Flash player

Tap in the Flash player interface shown as below.

秘密小屋 00:56:54 / 01:30:00
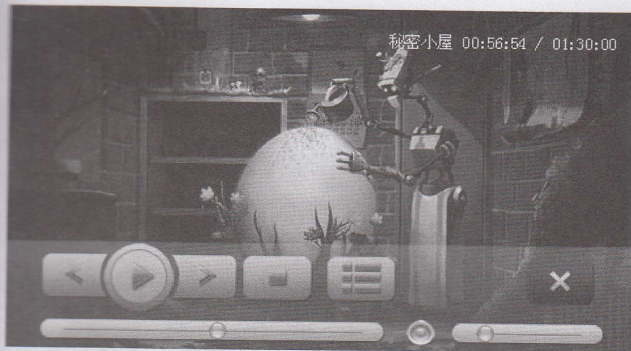
3.5 Wallpaper

Tap ![Wallpaper] in the Wallpaper interface shown as below.

Wallpaper settings

Setting...
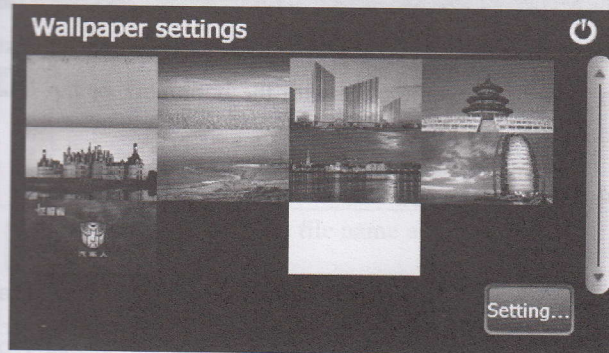
3.6 FM

Tap ![FM Trans...] in the FM interface shown as below.

FM Setting

Use FM

Frequency

99.00 Mhz

![Close icon]	Close	Exit the FM Setting.
![Save icon]	Save	Save current setting.
![Use FM icon]	Use FM	Tick in the box to enable FM function.
![Frequency slider]	Frequency	Drag the slide block rightward (or tap ![+]) to increase the frequency and leftward (or tap ![−]) to reduce the frequency. The frequency range is 88.00 Mhz-108.00 Mhz.

3.7 Calculator

Tap ![Calculator] in the Calculator interface shown as below.

Calculator

MC	7	8	9	/	sqrt	BACK
MR	4	5	6	*	%	CE
MS	1	2	3		1/X	C
M+	0	+/-	.	+		=

3.8 Unit

Tap ![Unit icon] Unit in the Unit interface shown as below.

Unit

Length	▼	0	metre	▼
		0	km	▼

1	2	3	4	5	6	.
7	8	9	0	Back		C

3.9 GPS info
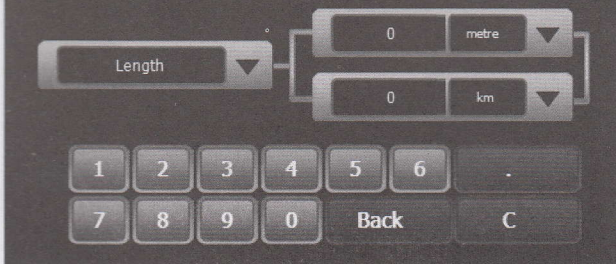
Tap ![GPS Info icon] GPS Info in the GPS info interface shown as below.

GPS Information
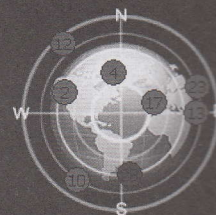
SignalState:Invalid
Latitude:22.540922
Longitude:113.947225
Altitude:78.126000
UTC:2009/3/18 0:50:35
TotalSatellites:8
SatellitesInUse:0
Speed:0.000000 km/h

17
294 10121317232

Tap ![reset button] to prompt a dialog as below.

GPS Information

SignalState:Invalid
Latitude:22.540922
947225
000
0:50:47
8
0
0 km/h

Are you sure to reset GPS satellite receiver?

OK   Cancel

17
294 10121317232

Tap **OK** to reset the GPS satellite or tap **Cancel** to exit.

3.10 Theme

Tap [Theme] in the Theme interface shown as below.

Theme Settings

| Style | ◄ | No | ► |
| Theme | ◄ | Theme 1 | ► |
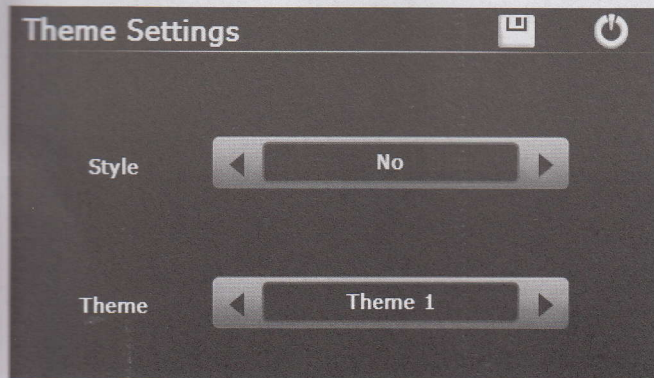
3.11 Photo Browser

Tap [Photo] in the photo browser interface shown as below.

Icon	Name	Explanation
	Previous	View the preview photo in the folder.
	Next	View the next photo in the folder.
	Zoom in	Scale up current photo.
	Zoom out	Scale down current photo.
	Rotate	Rotate current photo 90°clockwise.
	Auto play	Cycle play all the photos in the folder from current photo.
	Folder	Enter the photo folder to select a photo.
	Close	Close the browser and return to the **Media** interface.

Tap in the browser interface to enter the photo folder shown as below.
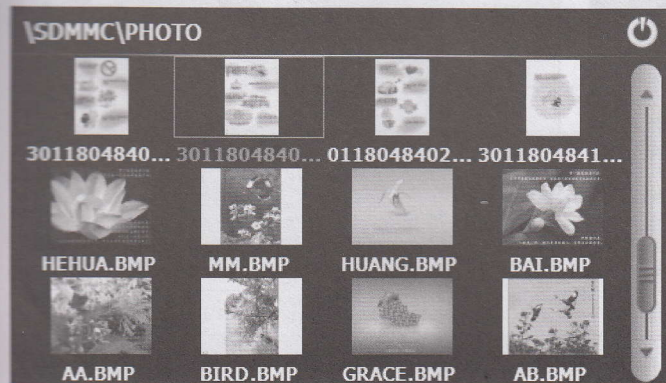
Icon	Name	Explanation
	Close	Close the current folder.
	Return	Return to the previous folder.
	Scroll bar	Drag the sliding block to view all the photos.

3.12 Explore

Tap in the Explore interface shown as below.
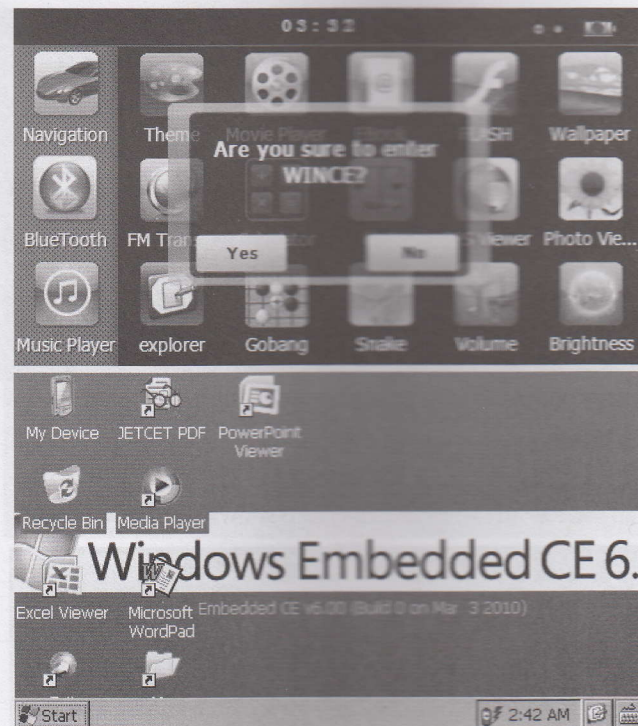
3.13 Gobang

Tap in the Gobang interface shown as below.
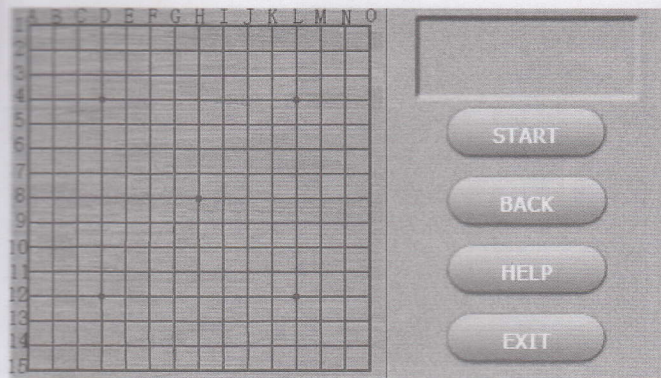
3.14 Snake

Tap [Snake] in the Snake interface shown as below.
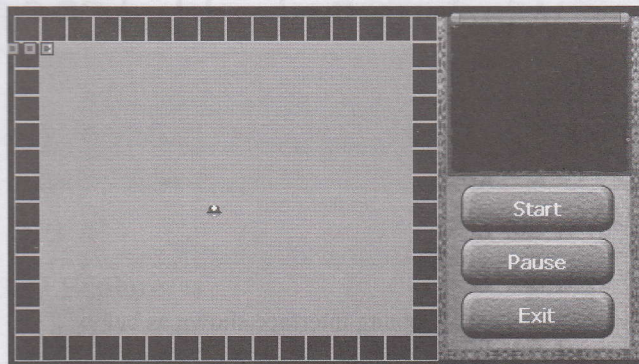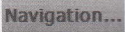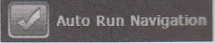
3.15 Nav path

Tap [Nav Path] in the photo browser interface shown as below.
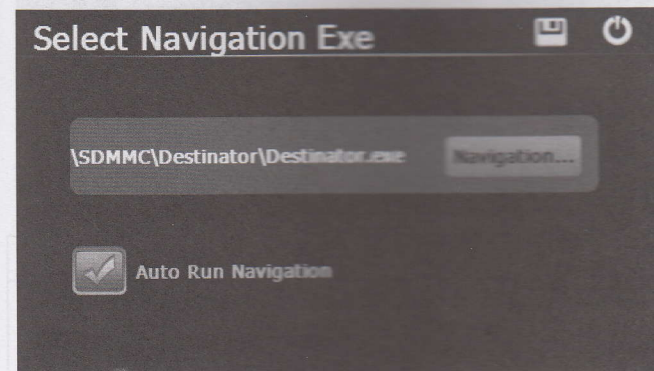
Select a map address and tap 💾 to save the setting.

Navigation...	Tap to select a map address.
Auto Run Navigation	Tick in the box to run the set navigation map when the navigator is powered on.

3.16 Volune

Tap [Volume] in the photo browser interface shown as below.
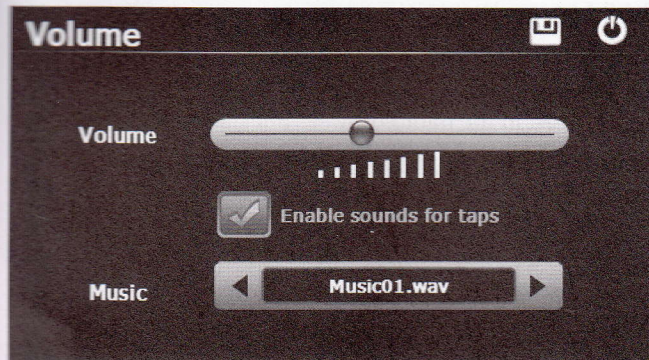
Volume

	Close	Exit the volume setting.	
	Volume	Ten volume grades (from mute to maximum) available. Tap to decrease the volume by grade.	
	Sounds for taps	Tap it to enable the function. Tap it again to disable the function.	
	Power-on music	Tap ◄ or ► to select power-on music or disable it.	

3.17 Backlight

Tap [BackLight] in the photo browser interface shown as below.
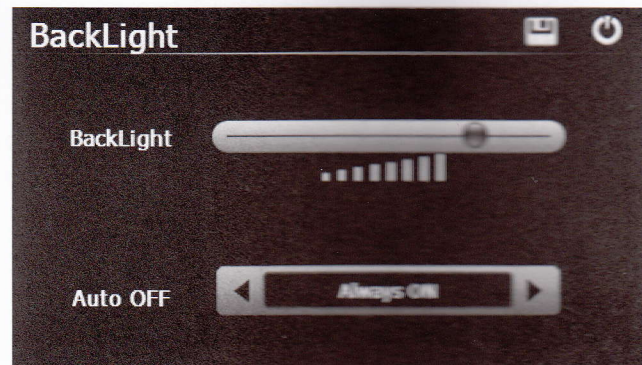
BackLight

	Close	Exit the backlight setting.
	Backlight	Drag leftward to turn down or rightward to turn up the backlight.
	Auto off	Auto backlight shutoff after service stop for a period. The options are always On, 10s, 30s, 1m, 2m and 3m. Tap ◄ or ► to view the options in cycle or select one.

3.18 Language

Tap [Language] in the photo browser interface shown as below.
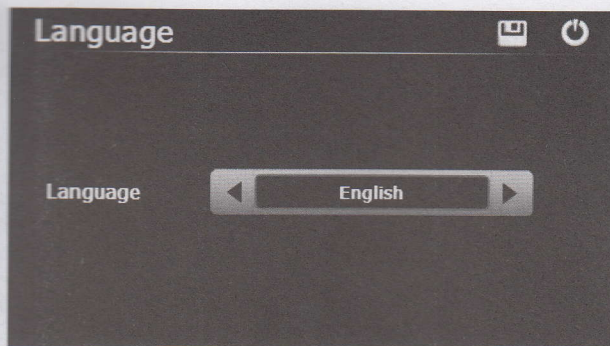
Tap ◀ or ▶ to select a system language and tap 💾 to save the selection.

3.19 Date time

Tap [DateTime] in the photo browser interface shown as below.

Setting the system date and time

In the above interface, tap ▲ or ▼ to set the year, month, day, hour and minute.

[Note]: Time format options are 12-hour and 24-hour.

Setting the system time zone

In the above interface, tap ◀ or ▶ to select a time zone. For example, select "(GMT+08:00) Beijing, Chongqing, Hong Kong, Urumqi" for China.

3.20 Sys info

Tap [icon] in the photo browser interface shown as below.

3.21 Bluetooth

Tap [Bluetooth] in the Bluetooth interface shown as below.
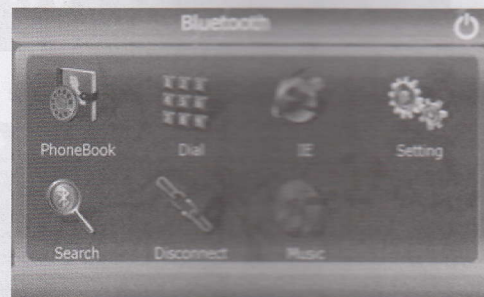
Tap "search" in the Search interface shown as below.

Searching, waiting...

Searching device...

Searching finish

GT-S5560

jiao

The device is connecting...
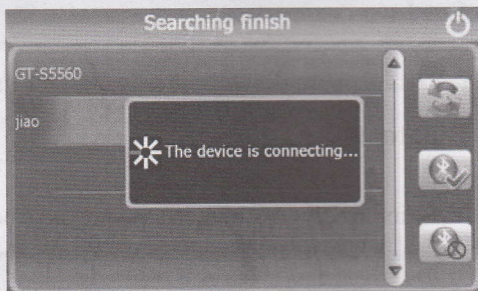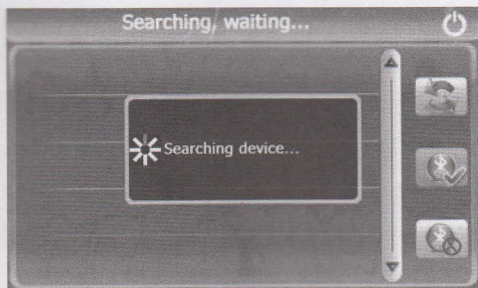
Tap ⬇ in the To connect a Bluetooth interface

PhoneBook   Dial   IE   Setting

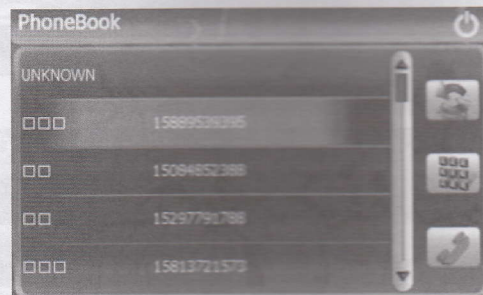Search   Disconnect   Music

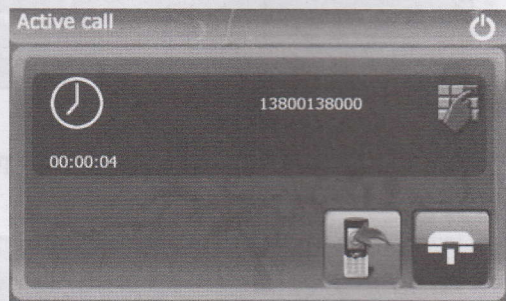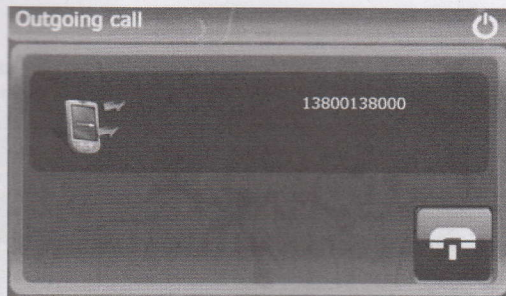Tap [icon] in the PhoneBook interface shown as below.

PhoneBook
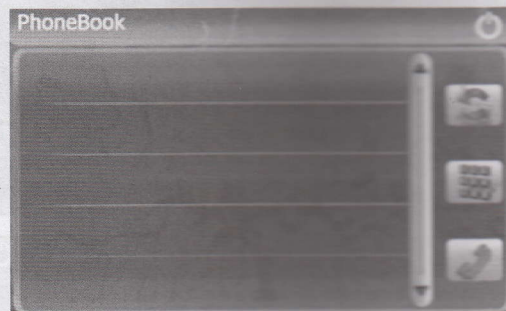
Tap [icon] Click interface for access to the phone the following figure shown.

PhoneBook

UNKNOWN

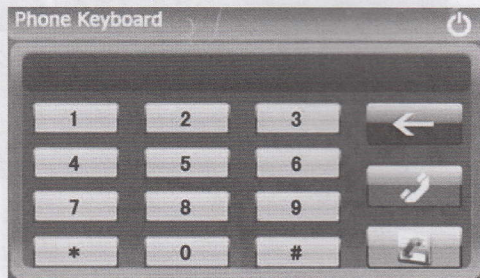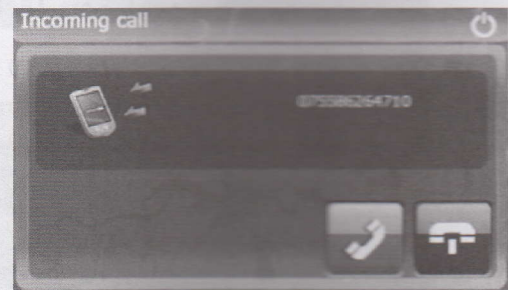☐☐☐   15889539395

☐☐   15094852388

☐☐   15297791788

☐☐☐   15813721573

Tap [icon] outgoing call

Outgoing call

13800138000

Active call

13800138000

00:00:04

Tap [icon] Phone Keyboard

Phone Keyboard

1	2	3	←
4	5	6	[call]
7	8	9	
*	0	#	[icon]

- 47 -

Tap [icon] Phone Keyboard and incoming call

Dial Record

0075586264710

Incoming call

0075586264710

Active call

13800138000

00:00:04

- 48 -

Tap ▦ Keyboard

Active call

075586264710

00:00:19

1	2	3
4	5	6
7	8	9
*	0	#

Tap 🌐 Visit the website

DUN List
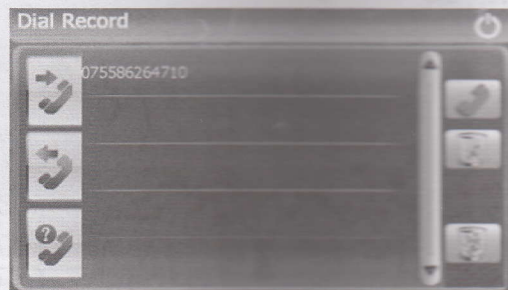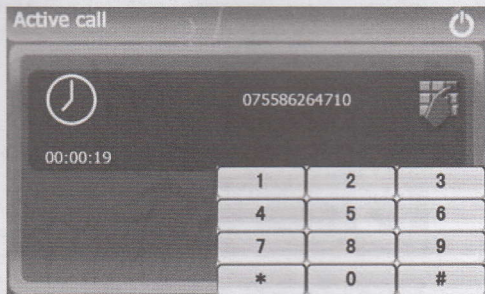
Israel
China
Finland
Denmark
France
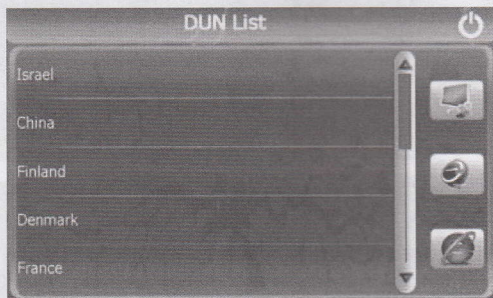
Tap 🖥 Select the network state

DUN List

China Mobile GPRS
China Mobile TDSCDMA
China Unicom GSM
China Unicom CDMA
China Unicom WCDMA
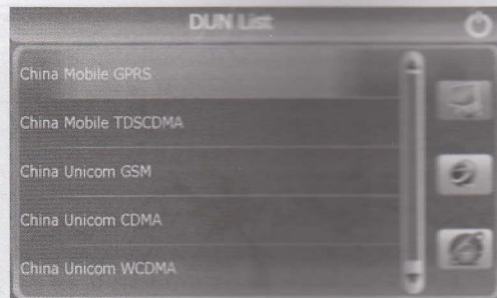
Tap 🌐 Selection asked whether using a mobile phone to access the network, Select "Yes", then as shown.

Getting country, waiting....
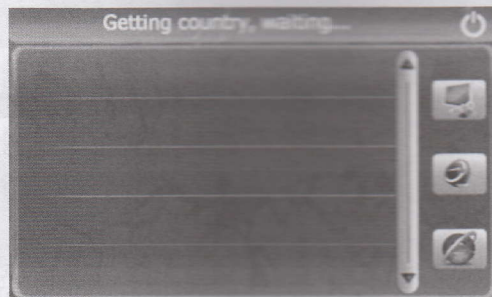
Tap ⚙ Bluetooth settings
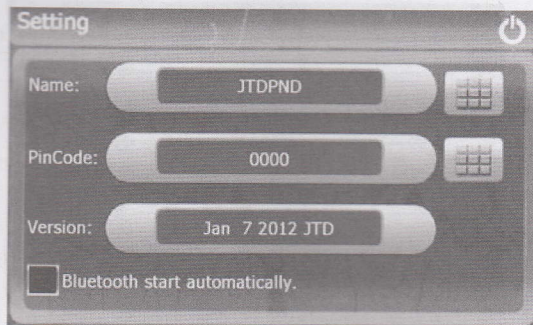
Click on the icon
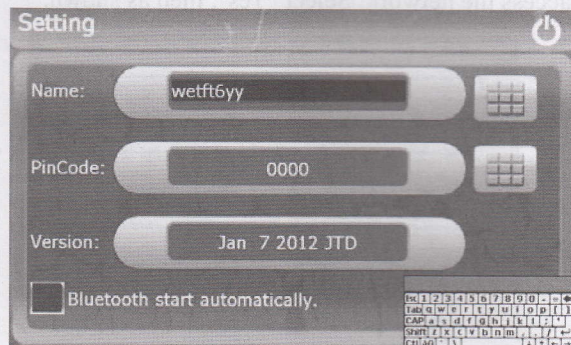
Click on the icon , and disconnected

Click on the icon , to access music

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