

GPS Portable Navigation Device



Lx340 User Manual

Please read this manual before you start using this device Thanks for purchasing our product.. When you use this device, you are supposed to learn well of this product.

The information in this manual has been verified for its accuracy. But no liability will be applied for the correctness of mapping data of navigation, technical and/or editorial interpretation or illustration, or the printing and translation of this manual, nor liable for any consequence or incidental damages caused by using this manual.

This device is a complicated technical product consisting of OS and Navigation software. The manufacturers have paid sufficient attention to and fulfill its duty in its hardware manufacture processing and in development and/or application of the software so as to ensure the device work properly. If there is any malfunction or defective of the device, the manufacturer will provide a warranty for the congenital quality problem, but not covering for any loss or damage of property, or any consequence caused by or related to using this device.

The navigation software and mapping data is provided by MapmyIndia. Its copyright is protected by laws. A User can only use on this device, any copying or application of the software for other purpose is not allowed.

No explicit and/or implicit guarantee or assurance will be applicable for the validity, integrity, correctness, accuracy of mapping data for navigation used on this device, nor liability for any loss, damage, and/or any consequence caused by or related to defective mapping data or software used on this device.

 **CAUTION** :Considering the hot weather conditions in India especially during summer, when car is parked which means AC in car is also not operative, the Temperature inside in car easily goes above 55C.Keeping the device at such high temperature for prolong period of time may affect the device and it's battery. Hence it is strictly advisable to take the device along with you in such conditions.



General tips for GPS application

The following content is tips for GPS device application and operation. Please read it before starting use of the GPS device, so that you may make a better use of the GPS device.

While the GPS device is working, it receives signal from satellites for positioning. The signal from satellite may not be received, or be weakened in room, nearby some big buildings, or under overhead bridges.

When the GPS device is receiving satellite signals, you will get signals from different satellites when you are in different places, this is called "Satellite Path", a "Satellite Path" only covers a range of 300 KM. If a "Satellite Path" is defined at place A, then turn off the device and move to another place beyond 300 KM away from A, the device is under another "Satellite Path", At this moment, the device needs to search for satellite signal again. To track the new "Satellite Path", this will take quite a long time. To save time for this searching, you may click "GPS Reset" button in menu of "GPS Testing" to clear the previous "Satellite Path".

It will be difficult and taking more time to catch positioning signal from satellite during high speed driving. It is suggested to search the positioning signal by stopping your car for a better and safer effect.

While charging the device, please only use the travel charger or car charger equipped by the manufacturer in its original package. Other chargers may cause damage to this device, and this damage is not covered by our warranty.





Warnings:

Please install the device in a right way to avoid driver's sight and airbag to be hindered. Any loss or damage of product, passengers, or other property caused by mistakes of mounting or installing of the device will be not covered within the warranty and not be the responsibility of the manufacturer.

Please not put on earphone and operate the device when you drive or ride a bike to ensure your safety.

Please consult with airline crew for application of the device if you want to use it during flight.

Please keep the device far away from strong magnetic field which may cause damage or malfunction to the device.

Please protect the device from being dropped, shocked or scratched on or by hard objects to avoid possible damages (scratches on the device face, loose contact of the battery, data loss or other hardware part broken) to the device.

Please not use earphone with a continuous and large volume for long time, set the volume at a moderate loudness and use it not for a long time to avoid possible damage to your ear audibility.

Please not use chemical solution or cleaner to clean the device to avoid possible damage to the paint and polish of its surface.

When the device is used as a mobile storage device, please follow right procedures of file management operation to copy or transfer files. The warranty does not cover any mistake, or damage, or loss of files

It will be better for you to make a backup copy of your personal files in the device into your PC or laptop in time

It is prohibited to use higher voltage power supply, to bent or squeeze the power cord with big force so as to avoid possible damage and overheat resulting in fire



Getting Started

1.0 Understanding Hardware Features

Front Components



Ref	Component	Description
1)	Touch Screen	Displays the output of your device Tap the Screen with your fingertip to select menu

Back Components



Ref	Component	Description
1	Headphone Connector	Connects to stereo headphones
2	Micro SD Slot	Slot for SD card
3	Mini USB Slot	Connects To USB Cable
4	Reset	To Reset the device
5	Speaker	To play audio



Top Components



Ref	Component	Description
1	On/Off Switch	The main power/battery cut off switch

2.0 Illustrations on screen display:

System UI

2.1(Projector Screen)*



Under this UI, click icon down the screen to enter the function page. Then there will be Looped playback of cartoon, click it to entry this function. If you click the icons beside the function icon you can enjoy the cartoons. If you click the arrow up the corner you can turn pages to view, which accompanies the cartoon at the same time.

*The UI pic shown above may differ from actual UI pic

Secondary UI

2.2(Projector Screen)





In this interface, click the icons on the screen to enter the corresponding functions; and click the arrow on the right bottom to turn the page. There will be an animation effect when turning the page.

3.0 Multimedia

3.1 Flash Playback

This is to play flash in your PND.

Operation:

On system main menu, click the icon  to entry the function of Media

player, click  icon, to get into Flash playing mode, then file selection UI will be shown on screen:



on this UI, click  button to search Flash files not in selected folder; click  button to close this window and exit Flash playing mode; double click, or select then click  button to open this selected file.



Control buttons in playing mode:

: Play, in Pause or Stop mode, press this button to play;

: Pause, in Play mode, pressing this button to pause;

: Stop, in Play mode, pressing this button to stop;

: Fast Forward, in Play mode, pressing this button to get fast forward once;

: Fast Retreat, in Play mode, pressing this button to fast retreat once; 

: Full Screen, pressing this button for full screen play;

: Return, pressing this button to return back to system main menu from playing mode;

: Sound Settings, Click the button to change into mute, in which status the sound icon will change to . Click the mute icon to back to its normal status and the sound icon will back to  at the same time.

In full screen, tool bar will be hidden at screen bottom, you may get it by tapping on the screen.

3.2 Video Playback

This feature is for video file playing, with the formats: AVI, MPEG, MPG, ASX, DAT, ASF and WMV.

Operation:

On system main menu, click the icon  to entry the function of Media

player, click  icon to enter into Video Playback application. Display of UI for file selection:



On this UI, click  button to search video files not listed in the appointed video file folder; Click  button to close and exit from Video Playback application; Double click or select and click  button to open and play this file.





UI and button definition:

-  Play
-  Pause
-  Stop
-  Close
-  Next
-  Previous
-  Full screen display

 Play Progression, drag to a point to start play

 Volume tune, click anterior  to set into mute

status, click it again to resume

In full screen display, the tool bar at screen bottom will be hidden, you can slightly tap on screen to get it.

It will take a few minutes to search files when video play mode starts if this application has not been used for a long time.

3.3 Music Playback

This is for Music Playback with format of MP3, WMA, WAV.

Operation :

On system main menu, click the icon  to entry the function of Media

player, click  icon to play music. Screen display is shown as the illustration below:



On this UI, click  button to search for music files not in selected



folder; click  button to close this window and exit music play mode; double click, or select then click  button to play this music file. Music play mode is displayed as following diagrams:



3.4 Button and control in Play Mode:

In music play mode, click  button to pause, then it becomes Play Button ; At this time click  button, music play mode will return again; click  button to stop; click  button to jump to the next one, click  button to jump to the previous one; click  button to switch Repeat mode; click  button to set mute, then this button will become , click  again to recover.

3.5 Exit from Music play

Click  button at the upper right corner to exit

4.0 Photo Display

This is for Photo Display with format JPG stored in an SD card.

Operation:



On system main menu, click  icon to enter into Photo Display function. Display of UI for file selection:



On this UI, click  button to search photo files not listed in the appointed photo file folder; click  button to close current UI and exit Photo Display function; double click or select then click  button to open or play this file. Display shown as the right illustration:



Then, click  or  button to select previous or next photos; click  or  button to zoom in or zoom out photo; click  button for full screen display. In full screen display, tap the screen again to exit full screen display; click  button to select display of different percentage. Click the button  you can Ctrl-Shift-R or Ctrl-R the photo.  is for selecting to set automatic or manual mode to turn page of display.

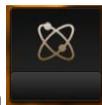
Exit Photo Display

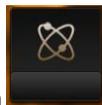
Click the button  on upper right corner to exit.

5.0 GPS Test

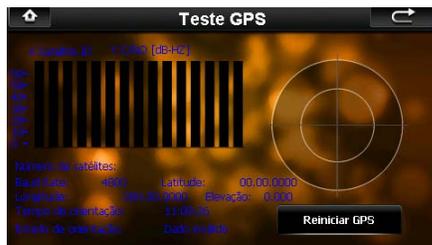
It is to check some data, such as the strength of receiving signal, and the numbers of satellites.

Operating method:



In the system UI, click the icon  to open GPS Testing.

It will display as follows:



All information in this interface are instant information. For details, please refer to those of the device.

GPS reset:

There will be different satellites in different places correspondingly



when the GPS navigation equipment is receiving the geosynchronous satellite signal. This is called "Ephemeris". An ephemeris covers a range of 300KM. When you have set the "Ephemeris" in place A and shut down the equipment to take it beyond 300KM, the equipment will be in another ephemeris, and start searching for the satellite to ascertain the ephemeris. This may cost a lot of time. Clicking "Reset" button before searching would save much time.

6.0 System Setting

This is for system setting to change default setting of the system to your personal preference.

Operation:

On system main menu, click  icon to enter into system setting. Screen display is shown as the illustration below:



In system setting, there 9 items for setting, click directly each item to change setting for it. Details will be described one by one below.



6.1 Language Setting

This is for setting of system language; screen display is shown as the illustration below:



Click the icons of the corresponding language in this interface or choose the interface project, the system will save the setup automatically when the setup is closed, and return to the previous menu. (The system will be required to restart after the interface project is changed.)

6.2 Backlight setting

This is for changing backlight brightness of the device screen display, and time to start screen saver when no operation on the device.

Screen display is shown as the illustration below:

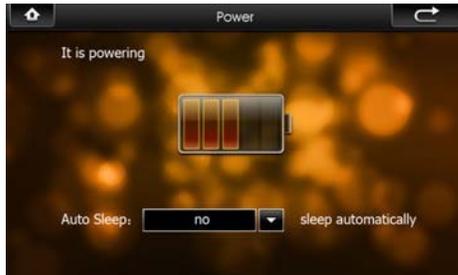


Then, drag the slide block to set. Select No Screen Saver, then the screen saver will be disabled. After setting, close the current window to save.



6.3 Power Management

This is for setting auto power off and/or power saving mode, and time to start power off and/or power saving when no operation on the device.



In drag menu to select time, select “No” for disabling this feature. After setting, close the current window to save.

6.4 Sound Setting

This is for setting of beeping of power on, button operation on screen, and total volume. After entering into this UI, screen display is shown as the illustration below:



Click “Screen sound” in this interface to enable or disable the sound of screen operations, “Open TTS” is to enable the speech broadcasting function. TTS speech engine gives a clear broadcasting of the function name every time you enter into a function. English and Chinese speeches are supported for the moment. You can listen to the sound by clicking the start-up sound directly; and the general volume can be adjusted by dragging the slide directly. User-defined start-up music
In the present interface, click "customize Sound" then its dialog window will show up, illustrated as below:





"Nand Flash" is the inside memory of the device, "SDMMC" is the SD card. So the start-up music can be selected from both of them. Select one,click the button to confirm, then back to the upper-level interface.

6.5 Time Setting

This is for setting time of the system. After entering into this UI, screen display is shown as the illustration below:



On this UI, click button on the screen to set. After setting, close the current window to save.

6.6 System Resources

This is for checking system resources:

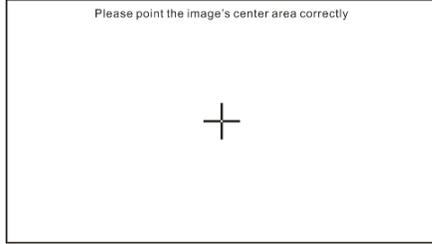


On this UI, click directly at the item on the right to check.

6.7 Coordinates Calibration

This is for calibrating the stylus coordinates on touch screen. After entering into this UI, screen display is shown as the illustration below:





On this UI, use stylus to tap at the center of the cross, then tap on other crosses which will move after each tapping until finish and

“Touch Screen Calibration Completed” is shown.

7.0 USB

This is to set the mode when the USB interface of the device is connected to the computer, in which “U disk” is to set the device as the portable memory, and “ACTIVESYNC” is to use the device for program debug.

Pictures are shown as below:



Click the desired connection mode and close the window to save the chosen mode.

8.0 Game

On system main menu, click  icon to enter into Game.

Screen display is shown as the illustration below:



In this state, click the game icon on the screen to enter the game.

For details on how to play the game, see the help information that



will be available after you enter the game.

9.0 eBook Reading

This is for eBook Reading with format .txt stored in an SD card.

Operation:

On system main menu, click  button to enter into eBook Reading application. Display of UI for file selection:



On this menu, click  button to search for txt files not in selected folder; click  button to close this window and exit file reading mode; double click button, or select then click  button to open this file. The screen display is shown as follows:



Click  or  button to turn page up or down; "Manual/Automatic" is set for selecting Manual or Automatic page turning; Font is for selecting letter size of display.

10.1 Bookmark

This is for bookmark in reading a voluminous article, marking or jumping to the last time marked page, a humanized design for convenience while reading.

Operation:

In eBook Reading mode, click right  button to enter into bookmark setting, display of dialogblock is shown as in the illustration below:





Click button to set a bookmark for the current page. Directly click selected bookmark stored in the dialogue block to remove this bookmark; click button to jump to the bookmarked page. Click button to exit bookmark setting and return back to eBook Reading mode.

10.2 Jump to the appointed page

This is for jumping to the appointed page when reading a voluminous article and no bookmark is set.

Operation: In eBook Reading mode, click right button to enter into Jump function, display of dialogue block is shown as in the illustration below:



Click the number key on screen to input the page number to jump to, when inputting, click button to backspace for deleting; click button to clear input block, after inputting page number click button to jump to the page of selected number.

11.0 Battery Status Icon:



Full=====>Drained

When the battery is at low power level, please charge it immediately to ensure the device work normally.

11.1 Charging:



Warnings for charging:

1. A new battery may be empty and not charged before you get the device.
2. To achieve the best performance of the battery, it is better to charge it up to 8 hours in the first three times, but not over 16 hours.
3. In normal charging with DC charger, please make sure to charge it for 2 – 2.5 hours to get it fully charged.

A new battery will reach its best performance after a number cycles of charging and discharging.

If the device is not used for long time, it is better to charge it to full capacity every 2 or 3 months during storage.

If not using the device for a long time, it is wise to take out the battery.

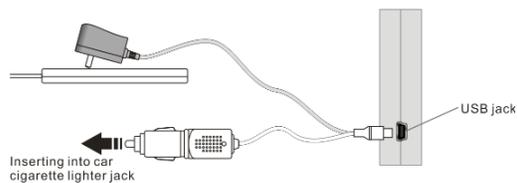
11.2 Charger Application:

DC Charger:

Take out the DC charger, plug it into the wall outlet with AC 220V(100V ~240V), then plug in the DC jack into the device DC-in jack.(see the illustration below).

Car Lighter Charger:

Please insert the car charger into car cigarette lighter jack, then plug into the USB jack(see the illustration below).



When you use car charger, please start car engine first, then connect it to the device to avoid possible damage to the device due to overloaded pulse current during ignition.

Please pull it out when you stop the engine, and plug it in again after next ignition.

11.3 Power On/Off the device

In power off status, slide the power switch to "ON" position to turn on the device, then the OSD will be displayed on screen.

11.4 Sleeping & Power off

In power-on mode, press the power button on the device for 3-5 seconds then the sleeping mode or confirmation for power-off screen will display



as follows:



In this UI click the button  will be in sleeping mode, click the button  will power off; click the button  to exit the UI and back to normal operation.

11.5 Waking -up from the sleeping

When in sleeping mode, a short press on the power-on button of the device will wake up the system.

When in sleeping mode, all the procedure in operation will pause but will back to normal status after waking up.

Specifications

CPU	SiRF Atlas V
Memory	2GB
Chip	GRF3i+
Antenna	Built-in folded antenna
Memory Card	Applicable for a Maximum up to 8GB SD card
Screen Type	TFT Touch Screen
Screen Size	4.3 inch
Screen Color	65K colors
Dot Matrix Display	480*272
Extension Slot	SD
Battery Type	Removable Li-polymer batter
Battery Capacity	950mAh



Trouble Shooting Steps

No.	Fault	Possible Cause	Solutions
1	No power on	Battery drained (The screen has no further display after a blink when pressing power on button.)	Please refer to the description of battery charging in this manual, only use the enclosed charger to charge the device.
2	Dead Unit	The start interface stays on the screen for long time Without changing.	Take out the battery, then put it back, start the device again.
		No display of the screen, or display on screen is frozen as any button is pressed.	Press and hold the power on button for 5 seconds, then Release it to power on.
			Take out the battery, then put it Back, start the device again.
3	Error in upgrade	Dead or frozen during upgrade, display on the screen is frozen and no button works.	This fault can only be fixed by the manufacturer. Please return for repair.
4	Impossible to recharge	During charging, the green LED indicator of the device has no light or no charging sign displayed on the screen.	If the charger is connected Properly and powered.
			Charger is damaged.
			Battery is damaged or full Charged.
			It is normal when the green LED is lit on but the charging sign is not on the screen at the same time during charging.

