

User Manual

GPS Navigation



Welcome to use our GPS navigator

- Please read the operating instruction carefully and use the accessories only provided by the original factory to avoid any unexpected damage. No warranty will be executed if you are not following the instruction or connecting with the incompatible accessories, we assume no responsibility for any loss and damage caused hereby.
- The electronic navigation data may be not in conformity with the actual transporting marks due to the traffic construction development. Please be sure to comply with the real road condition and follow the traffic rules. Operating and viewing the GPS during driving may cause severe traffic accident. Our company will not be responsible for any loss caused by the unexpected accident.
- Any discrepancy between the pictures with real products hereinafter, the real one prevails. We only introduce the usage instructions for one UI software version.

5 inch / 7 inch /9 inch Series

- 【Global Professional GPS Navigation】**
- 【Real Voice Navigation】**
- 【Portable Use /No installation required】**
- 【Lifetime Map Updated for Free 】**
- 【Latest offline maps 】**
- 【No mobile data required】**

1.1 Appearance System



5 inch



7 inch

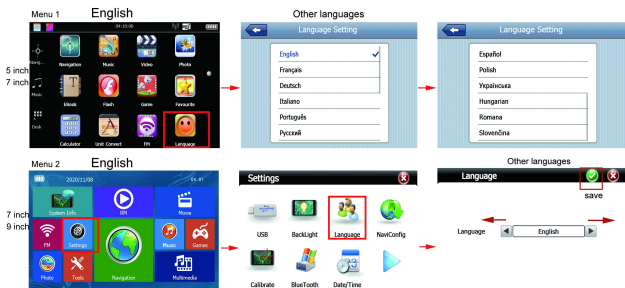


9 inch

When the product is fully charged, Long press the power key on the top side of the GPS navigator to enter the system main interface shown below. Due to different software or versions, the menu interface may be different. Please refer to the actual product.

1.2 Set the menu language and time

The default language is English. If you need to change the menu language, follow the steps below to set the language.



Support multiple languages (The list shows)

English/Francais/Deutsch/italiano/portugues/русский/Espanol/polski
/Українська/Hungarian/Romana/slovenčina/العربية/Български.....

GPS uses the world UTC time by default. You can set the time zone to display the local time.



1.3 Major Functions

ICON	Explanation
Navigation	Click to enter the navigation map
Music	Play MP3 /WMA /WAV files
video	Play MP4 / AVI files
FM	Transmit sound to car stereo using FM
Gpsinfo	View GPS signal real-time status
Nav path	Navigation path specified
Volume	Set Volume
Backlight	Set backlight brightness
Language	Set MENU Language
Datetime	MENU Time and date settings
Calibration	Touch screen calibration

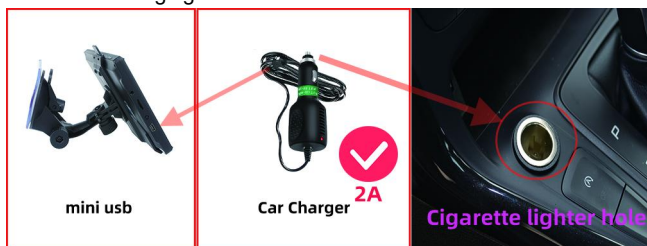
Chapter II Basic Use

2.1 Power Supply & Charging

When using this navigation, you must always use the car charger to charge it. When the GPS navigator is not connected to the charger, it is powered by a lithium polymer battery, which can only power the product for a short time. If you have just received the product and it cannot be turned on, you should charge it in the car.

① Charging with car charger(recommend)

Put the car charger into the cigarette lighter hole in the car. This is the correct charging method.



[Note] Plug in the car charger after the automobile is started to avoid damage due to current surge

② Charging with USB Cable(Not recommended)

When you need to charge with a USB cable, you must confirm in advance that the output current of the charger's USB port is above 2A. **This is not a recommended method as it can easily cause product failure!**



When charging with a USB cable, the USB port current is required to be greater than 2A, otherwise a malfunction will occur.

2.2 Use bracket to fix navigator

When use GPS in the car, you should fix the device to the part of window besides the panel by using the bracket.



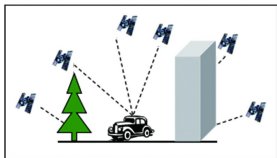
The suction cup bracket absorbs energy and is adsorbed on the glass surface, but cannot be sucked on the center console.

[Note] Do not place the GPS navigator in positions obstructing the driver's vision. Do not place it without fixing it, or in the place of air bag or the area after the air bag is inflated.

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 abnormality.

It is easier for the satellite to locate the car when it is stationary



Must be placed outdoors to receive signals

2.4 Touch screen

The screen can be touched with a stylus or with your finger.

①Click with a stylus

Use the stylus included in the accessory or on the device to tap the screen.

②Click with your fingertips

For the resistive version

You must click vertically with your finger, not flatly
you can't touch the screen like a cell phone!



For capacitive version

If you ordered the capacitive version, For example X20-1-C, X20-2, X20-3, X50, X90.you don't need to follow the above operations. You can click directly with your finger flat

When the 9-inch pen is unresponsive to clicking, tear off the two protective films



Chapter III Navigation 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.

Navigation paths are for reference only, and the user may decide whether to follow them.

Before using the map, set the parameters first

Ⓐ Map Setting

3.1 Map Language Setting

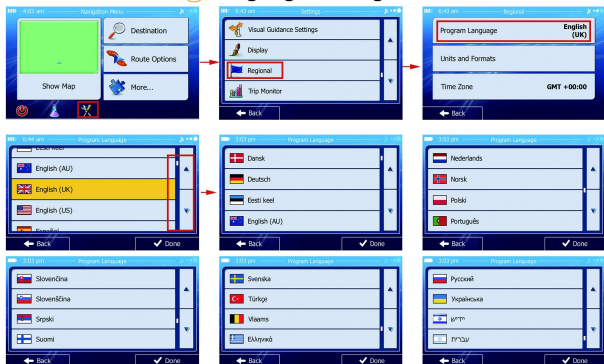
Click Settings---Click the down arrow---Regional

Català, Český, dansk, Deutsch, Eesti keel, English, Espanol, Francais, Hrvatski, italiano, latviešu, lietuvių, Magyar, Nederlands, norsk, polski, portugues, romana, slovenscina, slovenscina, srpski, suomi, svenska, Türkçe, vlaams, Ελληνικά, Български, русский, Українська, היברית, العربية, Bahasa indonsia, Bahasa Melayu

(Support multiple languages)



Language Settings

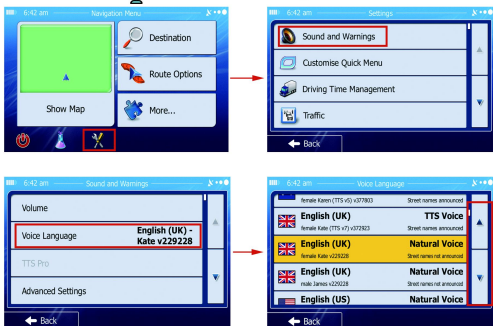


3.2 Voice language setting

Click Settings--sound and warnings--voice Language
(Only a few countries are able to set up TTS voice)



Voice setting



3.3 Unit Setting

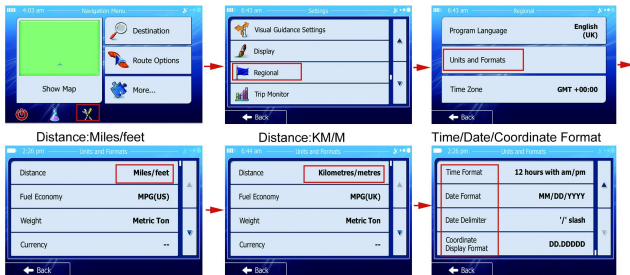
You can set distance/weight units, time/date/coordinate formats.

Distance: Kilometers/Meters, Miles/feet, Miles/yards

Click Settings---Click the down arrow---Regional---units and formats.

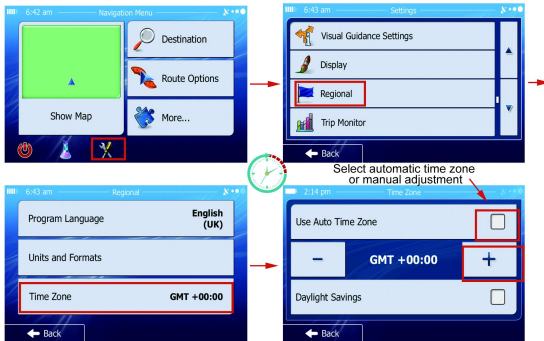


Unit Setting



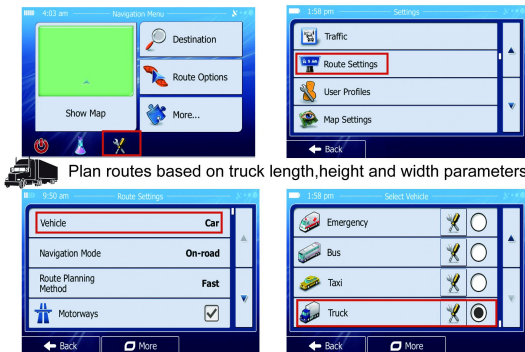
3.4 Time zone setting

Click Settings---Click the down arrow---Regional---Time Zone.



3.5 Truck Mode Settings (only some models can set this option)

Click Settings--Route Settings--Vehicle-Lorry



② Start navigating using the map

When the product is placed in an outdoor car, it will automatically locate the current location. Enter a destination to start navigating.

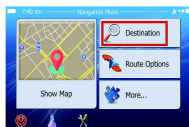
If other maps are installed in the product, the operation interface may be different, but the usage methods are similar. Please refer to the following map usage methods.

We have installed the latest version of map data at the factory, but the offline map may be inconsistent with the actual road when used. Please refer to the actual road data. The map is for your reference only to plan the route.

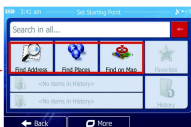
Map Navigation



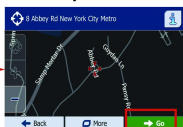
1. After GPS positioning, the starting point is automatically displayed



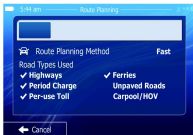
2. Find your destination



3. Confirm your destination



4. Plan your route
(Fast/Green/Short/Easy)

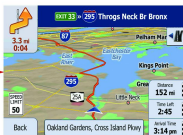


5. Browse route planning

(If the route is not ideal, you can change the planning method and recalculate it in More)



6. Start Navigation



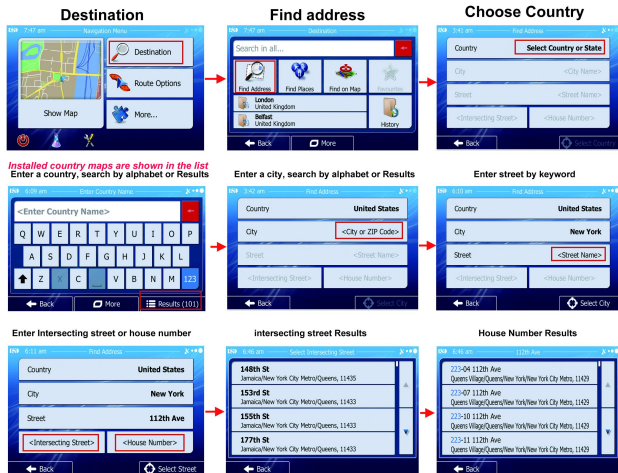
You can Enter a destination by Find Address/Find Places/ Find on map/Coordinate.

There are four ways to find your destination:

3.6 Find address

- ① **Click Country:** You can enter the country name, such as "Canada", You can also click "Results" to display all installed countries, and select your country
- ② **Enter City:** You can enter manually or search with "Results". Here, you can also enter the zip code to find
- ③ **Enter the street or house number to complete the search**

How to search address?



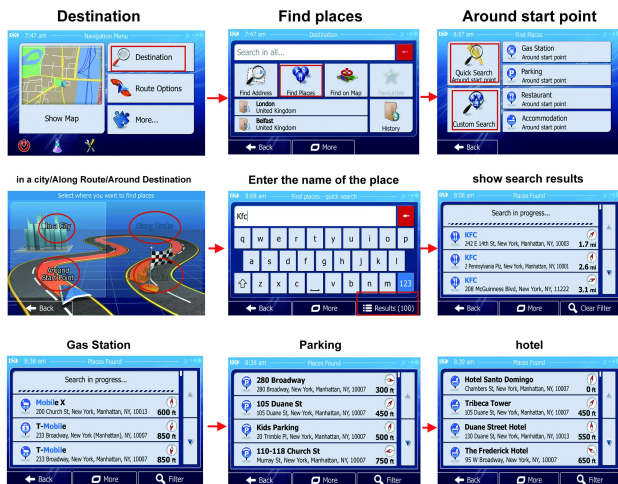
Some addresses may not be recognized by the map.
You can change the name or use other methods to find coordinates,
postal codes, places.

3.7 Find places

If you want to find places and points of interest such as Accommodation/Airport/Accommodation/Airport/Automotive/business/Cafe or Bar/Community/Electric vehicle Station/Finance/Leisure/Lorry/Marine/Medical/Parking/Petrol Station/Restaurant/Shopping/Sports/Transport you can use "Find places". Enter "KFC" to search, and the results of the whole city, surrounding areas and coordinates will be displayed.

How to search Places?

Gas Station/Parking/Restaurant/Accommodation



3.8 Postal Code Search

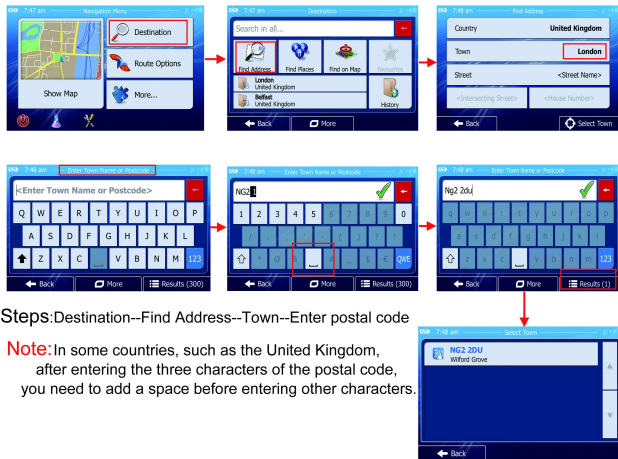
When the destination has an exact postal code, you can use the postal code search

Some postal codes on the map may not be recognized. If this is the case, you can only try another method to find the destination, or find a nearby postal code.

Destination-Find address-Town-Enter Postal code

How to search by postal code?

“Primo” map



Steps: Destination--Find Address--Town--Enter postal code

Note: In some countries, such as the United Kingdom, after entering the three characters of the postal code, you need to add a space before entering other characters.

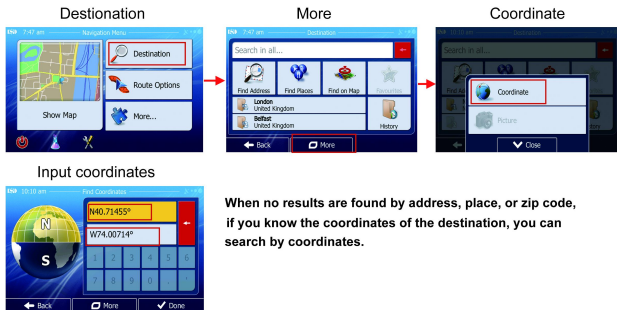
There are a few postal codes that cannot be identified on the map.
You can search using keywords.

In some countries postal code rules, a space is required

3.9 Coordinate search

If you know the coordinates of your destination, you can enter the coordinates to find it accurately. click “More”--“coordinate”

How to search by coordinate?



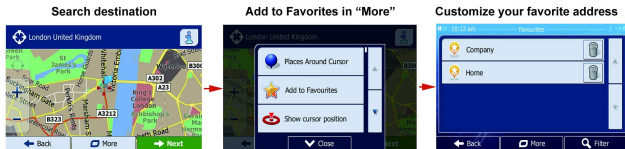
© Other common uses of maps

3.10 Favorites

You can save the addresses you need to use frequently as a favorite list so that you can quickly find them and use them.

After selecting an address, click “More”--“Add to Favorites”

Favorites

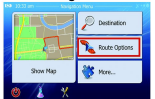


3.11 Multiple address navigation

When driving, if you need two or more addresses as navigation destinations, you can set up multi-address navigation.

Multiple destination navigation

After setting a destination



Edit Route



Add a destination



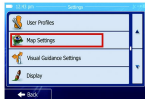
Multi-destination navigation



3.12 Place Markers on map

When browsing the map, you can mark places of interest, such as Accommodation/Airport/Accommodation/Airport/Automotive/business/Cafe or Bar/Community/Electric vehicle Station/Finance/Leisure/Lorry/Marine/Medical/Parking/Petrol Station/Restaurant/Shopping/Sports/Transport on the map.

Place markers on map



3.13 UI LABS

Here, you can change the positions of some UI icons according to your habits, or restore them to default.

UI LABS

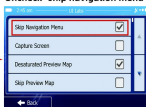
skip navigation menu



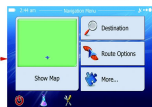
Long press "Menu" to return to the map menu



Uncheck "ship navigation menu"



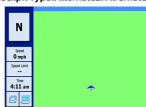
Restore Default Menu



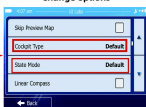
State Mode:NO MORE/List/2X2



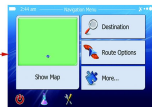
Cockpit Type:Alternate2/Alrearnate1



Change options



Default



3.14 Route Planning Method

When using the default planned route, if you find that some routes are unreasonable, or if you have more familiar routes, you can change the way the route is calculated to see if it meets your requirements.

When planning your destination Open Route Settings in more



Route planning Method



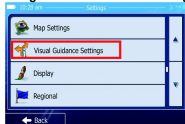
Fast/Green/Short/Easy



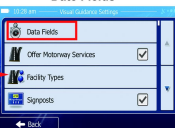
3.15 Map display Speed/Speed Limit

The default map shows speed + speed limit + time when no route is planned. After planning the route, it shows Distance + Time Left + Arrival Time. If you want to change, for example, to show speed and speed limit when navigating the route, you can do the following.

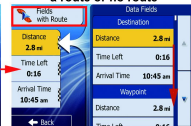
Settings--Visual Guidance Settings



Date Fields



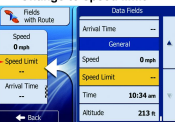
Set the display when there is a route or no route



Change to speed



Change to speed limit



Display Effect



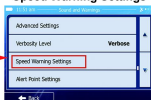
3.16 Speeding Warning

By default, it warns when my speed is 110% of limit. If you find that it does not warn when you exceed the speed limit, you can set the ratio. Reminder: This setting cannot be saved forever!

Sound and Warnings



Speed Warning Settings



Set the overspeed ratio



70%-130% of limit



Map 2

Quick Start Guide

Optional, not standard

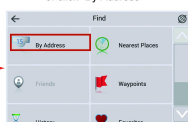
1. Outdoor reception signal positioning



2. Click "Find"



3. click "By Address"



4. Select Country



5. Select a city or enter a postal code



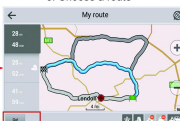
6. Enter house number or more



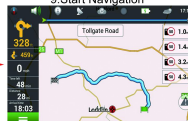
7. Planning the path



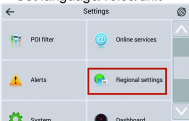
8. Choose a route



9. Start Navigation



Set language/voice/unit



language



unit



Note:

- ① Map 2 is a free version that does not require a license. It is not possible to update or download maps from other websites. Otherwise, the license will be verified, and the map will not be usable.
- ② The latest version of the map is installed and does not require an immediate update. If an update is required after a certain period of use, please visit our website where you can download the updated map.
- ③ This map cannot be used in truck mode, only car routes are available.
- ④ Maps are only installed in some product versions and are not standard.

Chapter IV Interface and Operation

4.1 Music/Video Player

The navigation system supports music and video playback. Music supports MP3 format and video supports MP4 format. When you insert a memory card with music or video files, you can play music and videos. (Music card not included)

Music/Video Player



4.2 FM Transmitter

When you need to transmit sound to the car audio, you can use the FM transmission function. When the navigation is plugged into the car charger, turn on FM and set the frequency to the same as the car radio frequency, and the transmission will be successful.



When FM is turned on, the host will have no sound. Sound is transmitted to the car

No signal on map?

4.3 GPS info

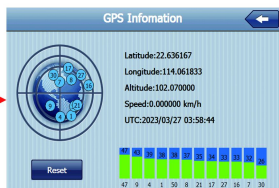
Click "Gpsinfo", enter into GPS information interface

The product must be placed in an open area outdoors to receive GPS signals.

When a satellite pillar turns green, it means it has been positioned.



Searching for signal



Positioned

If you find that there is no signal in the car, you can check whether there are other devices interfering with the signal, such as car MP3 or other devices.

Hanging the product will also increase the signal, do not block it with other objects.

If there is no satellite signal flashing, reset it once.



Not booting or Map freezes ?

4.4 Restarting the System

- ①The product won't turn on
- ②The program select function cannot work normally, such as long time to carry out or cannot be activated.
- ③The power button can not work.
- ④Any other malfunction that makes the screen inoperable
- ⑤Map error, cannot be operated
- ⑥The product cannot receive GPS signals
- ⑦Any other faults

When the system has the above phenomenon, charge the product, press the reset button on the back of the GPS navigator with a stylus or pen, and restart the system.

Any fault in the host or map can be eliminated by resetting it once !

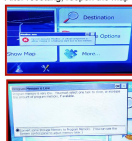
Reset system



Use the included stylus or a needle with a sharp tip to insert it into the reset hole to restart.

When the map prompts an error, you can restore it by following the steps below.

Map not working
After resetting, reopen the map



Reset system



Remove 3D View



2D View

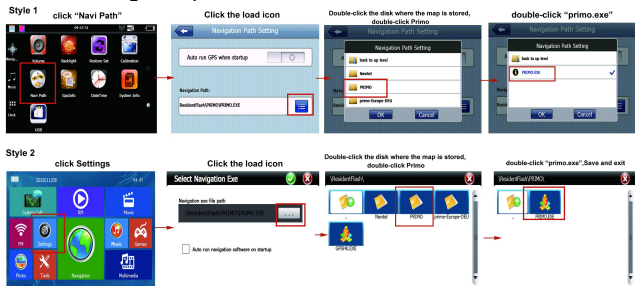


After restarting, re-enter the map

Unable to load map?

4.5 Nav path

When you click the navigation icon, you cannot enter the map. Perhaps you clicked the menu to restore factory settings. You can reset the navigation path to restore.



There are four possible paths, you can follow the instructions on the display:

ResidentFlash--Primo--Primo.exe or SDMMC-Primo-Primo.exe
ResidentFlash--IGO8--IGO8.exe or SDMMC-iGO-IGO.exe

[Note] If there are no errors, don't change the navigation path

4.6 TF Card

The map software is installed in the built-in memory by default, No TF card included. If a TF card is attached, it may be required by the version, do not pull it out. Avoid data corruption caused by repeatedly pulling out the map card.

If it prompts that there is no map path, reinsert the memory card.

If the map card is damaged or formatted, it will prompt that there is no map path.

Uncommon Operations

4.7 Calibration

If the touch screen deviates, it can be corrected.

click "calibration" interface, Click the center of cross cursor with the touch pen and the cursor shifts from the center, upper left, lower left, upper right and lower right to finish the calibration and the interface will Click anywhere on the screen to exit and return to the setting interface.

4.8 USB (Connecting to a computer)

Connect the GPS navigator to PC via the MINI USB port to transmit data, or back up data from the navigator data to PC.

You must select the MASS STORAGE option in the USB menu

The USB cable should be plugged into the port on the back of the computer host

4.9 Explore/wince

Do not click on the Explorer or Wince menu. If you have entered Wince, double-click "EXIT" to exit and return to the menu.

4.10 Restore Set/Factory

After doing this, the navigation path will be cleared and the Map of navigation can not work. If there are no errors, don't do this. Refer to the Navi Path section to restore.

4.11 Backlight

If the display is dim, you can adjust the backlight setting to the maximum.

STEPS: Menu--Page2--Backlight

If the screen goes black every few minutes, you should disable the automatic screen-off feature. Select "AUTO OFF" to "Always ON"

4.12 Volume

In "Volume", you can adjust the product volume

STEPS: Menu--Page2--Volume

If you want to turn off the screen click sound

STEPS: Menu--Page2--Volume--"Music" Select OFF

FAQ

The display is not clear during the day?

During the day, under the sunlight, you can't see the screen clearly, it is recommended that you add a sunshade. You can adjust the position to block the sunlight as much as possible and avoid direct sunlight.

Is there a Bluetooth/WIFI function?

The product does not have Bluetooth function by default. If the product has Bluetooth function, open the Bluetooth menu on the product and search for mobilephone Bluetooth, enter 0000 or 1234 to match. GPS does not have wifi networking function.

Speed limit warning?

Maps may contain information about the speed limits of the road segments. The software is able to warn you if you exceed the current limit. Warning can be fine-tuned.

Steps: settings--Sound and Warning--Speed warning Settings--warn when my speed is 100% of limit

This feature may not be available in your country or for all roads on the map.

Is there a radar speed warning?

GPS navigators only provide map navigation and do not have the function of detecting radar speed measurement.

Road safety camera warnings?

The application can warn you when you approach road safety cameras like speed cameras or dangerous areas like school zones or railroad crossings. You can set up the different alert types individually in Sound and Warning settings

Note! Road safety camera warnings will not work if prohibited by law in your country.

There is no map of my country?

It is possible that you ordered the wrong version and did not select the corresponding country version. It is also possible that the shipment was wrong or the installation was wrong. You can download the map replacement for free on our website.

How to update the map?

[Lifetime Map Updated for Free]

& This product is shipped with the latest map installed, and the map is updated about once a year.

& Maps can only be updated when the map maker company releases new maps. We are equipment manufacturers, not map makers.

& The offline data used by the map is not an online map. Even after the update, some places may not match the actual road.

The “primo” or other map installed in the product are free versions that do not require authorization, so they cannot be downloaded from the official website when upgrading.

Update service URL:

<https://gps-map-update.tumblr.com/>

You can only download free maps by visiting the above URL. Other URLs are not suitable for this product.

MAP UPDATE

1. Download the latest map
for your model from the website



Cannot download from other websites

2. Delete old maps

3. Send the latest downloaded map



Français

Le système de navigation prend en charge le français. La langue du menu, la langue de la carte et la voix de la carte peuvent toutes être définies en français.

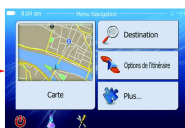
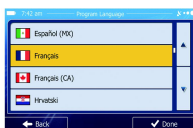
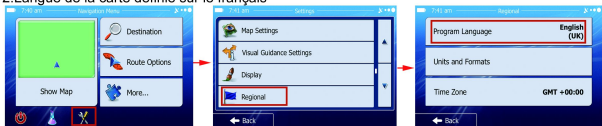
Suivez la méthode ci-dessous pour changer l'anglais par défaut en français

Français

1. Menu en français



2. Langue de la carte définie sur le français



Carte française



3. Voix de la carte définie sur le français



Remarque : Même si le système passe au français, certains mots professionnels ou généraux peuvent être en anglais.

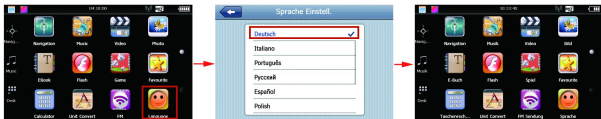
Deutsch

Das Navigationssystem unterstützt Deutsch. Die Menüsprache, die Kartensprache und die Kartenstimme können alle auf Deutsch eingestellt werden.

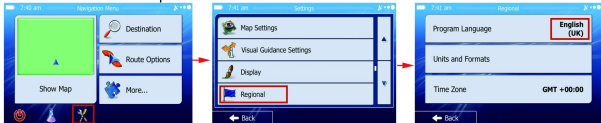
Folgen Sie der nachstehenden Methode, um die Standardsprache Englisch in Deutsch zu ändern.

Deutsch

1. Menüsprache auf Deutsch eingestellt



2. Stellen Sie die Kartensprache auf Deutsch ein



3. Die Kartenstimme ist auf Deutsch eingestellt



Hinweis: Auch wenn das System auf Deutsch umschaltet, können einige Fach- oder allgemeine Wörter auf Englisch sein.

Português

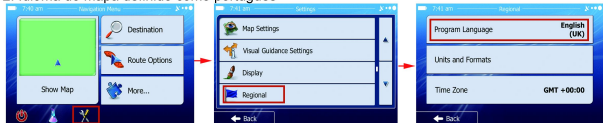
O sistema de navegação suporta português. O idioma do menu, o idioma do mapa e a voz do mapa podem ser definidos para português. Siga o método abaixo para alterar o padrão inglês para português

Português

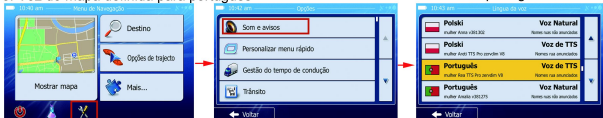
1. Idioma do menu definido para português



2. Idioma do mapa definido como português



3. Voz do mapa definida para português



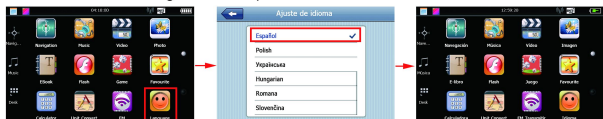
Nota: Embora o sistema mude para português, algumas palavras profissionais ou gerais podem estar em inglês.

Español

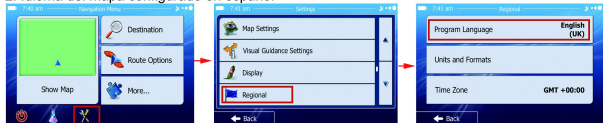
El sistema de navegación admite el español. El idioma del menú, el idioma del mapa y la voz del mapa se pueden configurar en español. Siga el método que se indica a continuación para cambiar el inglés predeterminado al español.

Español

1. Idioma del menú configurado en español



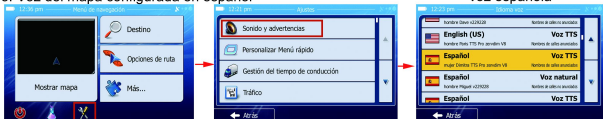
2. Idioma del mapa configurado en español



mapa español



3. Voz del mapa configurada en español



voz española

Nota: Aunque el sistema cambie a español, algunas palabras profesionales o generales pueden estar en inglés.

Specification

CPU	Mstar
ROM Memory	4GB/8GB
RAM Memory	128/256MB DDR3
LCD display	5.0"/7.0" TFTLCD display, 800RGB(H)x480(V)
USB	USB Client 2.0, MINI USB port
TF	Maximum Support 32GB (FAT32)
Audio	A: Built-in high fidelity speaker B: High fidelity stereo earphone
GPS	Cold start:<42s Hot start:<3s(in the open area)
Battery	Built-in rechargeable Li-ion battery
BatteryCharging port	DC 5V port
AC Charger	100/230V charger, 5V/2A
Car Charger	DC9-36V, 5V/2A
Operating System	Microsoft Windows CE 6.0
Navigation Software	TF card or Built-in
Video Player	ASF,AVI,WMV,3GP,MP4,FLV;
Audio Player	MP3 and WMA
Photo viewer	JPG, BMP, PNG
EBook Viewer	TXT

Troubleshooting

Startup failure	Use a car charger to charge, not a USB cable
	Reset the GPS navigator by a stylus
Sudden Power cut	Supply external power and charge the battery
	Do not use usb cable for charging
No diaplay	Reset the GPS navigator by a stylus
Incorrect tapping response	Use the screen calibration in the system to calibrate the touch screen
NO sounds	Turn up the volume
	FM is used,Turn off FM Function
Communication with PC	Replace a usb port or computer
	Select“ mass storage” mode in usb setting
Gps signals reception failure	Keep it in the open area
	Reset the GPS navigator
	Wait for a signal for a few minutes
NO maps	Map path canceled,Reset the navigation path
	Data loss,Download data,contact the seller,
MAP error	Download and install the map again from our website

