

# danew

*Feel innovation*

## USER MANUAL

### **E135** ALL ROAD GPS



## **Warnings and Notices**

For your safety, do not operate the controls of the product while driving.

GPS satellite signals cannot typically pass through solid materials (except glass). GPS location information is not typically available inside buildings, tunnels, or underground parking lots.

A minimum of 4 GPS satellite signals is needed to calculate your GPS position. Signal reception can be affected by weather events or overhead obstacles (e.g. dense foliage and tall buildings).

Other wireless devices in the vehicle may interfere with the reception of satellite signals and cause the reception to be unstable.

### **Adapter**

Do not attempt to service the unit. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.

Do not use the adapter if the cord becomes damaged.

Connect the adapter to the proper power source. The voltage requirements are found on the product case and/or packaging.

### **Battery**

This unit contains a replaceable Li-ion battery. The battery could be bursting or exploding and

releasing hazardous chemicals in case of over battery specification and using in an abnormal conditions;

disassemble, crush, puncture, or dispose of the battery in fire or water. Abnormal operation could be dangerous

to your human body. Please be aware.

Use only the specified charger approved by the manufacturer.

Risk of explosion if battery is replaced by an unofficial type. Dispose of used batteries according to the

instructions.

**WARNING: The Lithium-Ion battery in the device must be recycled or disposed of properly.**

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# Chapter 1: Features and Specifications

## 1.1 E135 PND features

The E135 Portable Navigation Device is a powerful multifunction GPS/multimedia navigation and entertainment device.

- 3.5"with TSP (Touch Screen Panel)
- Sun light readable
- High sensitivity Broadcom GPS
- Bluetooth audio communication
- MP3 player/Photo viewer
- Recharge and replace battery
- IPX7 water proof in out door application

Temperature	Operating Temperature : -10 °C to +55 °C Storage Temperature : -30 °C to +70 °C
Language	English / German / French / Spanish / Italian
Weight	190 g
Dimension	L: 105 mm, W: 81.9 mm, H: 26.2 mm

<b>Chassis</b>	
Specifications	Chassis is made of sunlight/UV-proof material and coating. Meet IPX7 waterproof standard
Color	Gray / Black , Gray / Green

Component	Specification
CPU	ARM9 @400MHz
Operation System	Windows CE 5.0 core version
GPS	Broadcom host based chipset
TFT LCD	TFT, 3.5", 240x320 QVGA
SDRAM	128 MB mDDR
NAND Flash memory	2 GB MLC
Battery	1800 mAh rechargeable ad replaceable Li-ion
Power Management	Yes
I/O	MiniUSB Client connector MicroSD card
Button	Power button x 1

<b>Display</b>	
Screen Type	TFT-LCD with touch panel
Screen Size	3.5"
Resolution	240 x 320 pixel QVGA
Color	65536 colures
Backlight	Most 6 LED backlight

<b>USB</b>	
USB Connector	MiniUSB B-type connector for factory test, battery charging, power supply and PC connection

Button / Slot	
Power button	Yes for power on and off
Mini-USB Slot	Yes for factory test, battery charging ,power supply and PC connection
Micro SD/MMC Slot	Yes for software update

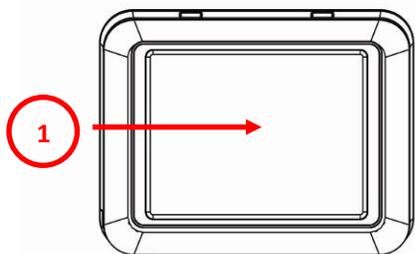
Bluetooth 2.0	
Application	Connect with Bluetooth headset to make a Stereo/Mono audio communication

## Chapter 2 : Getting Started

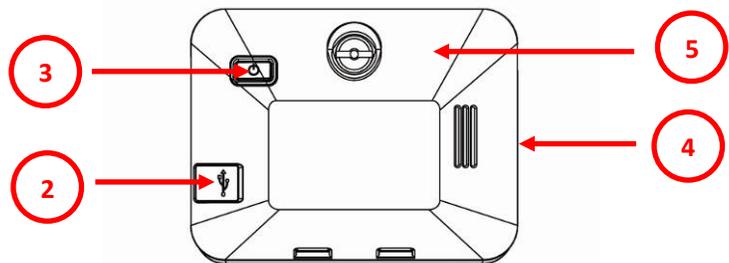
### 2.1 Hardware overview

Packaging standard		
	1	Device, E135
	2	Cradle
	3	USB cable
	4	AC adapter
	5	Car mounting kit
	6	Car Charger
	7	Quick Start Guide
	8	User Manual CD
	9	Warranty Statement Card
	10	Handlebar base accessories
	11	Double-socket arm

Front View

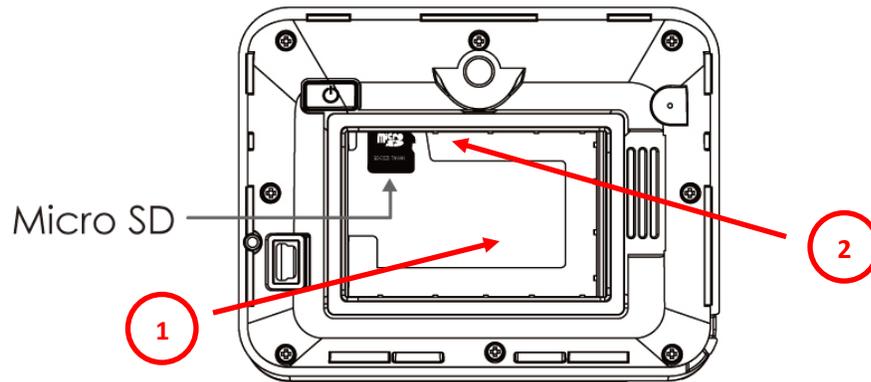


Rear View



NO	Function	Description
1	Touch Screen	Displays the applications, data, and map images.
2	USB Port/Docking connector	Mini-USB connector serves as the power connector for charging the device or as the dock for uploading files from computers.
3	Power Button	Long press 5 seconds to turn on/off the PND.
4	Speaker	Emits system sounds.
5	Ring Lock	To tighten the rear cover.

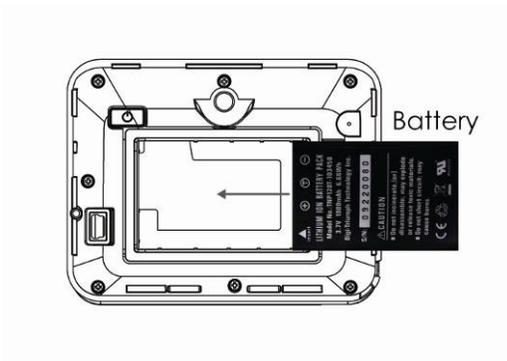
**Rear View (without rear cover)**



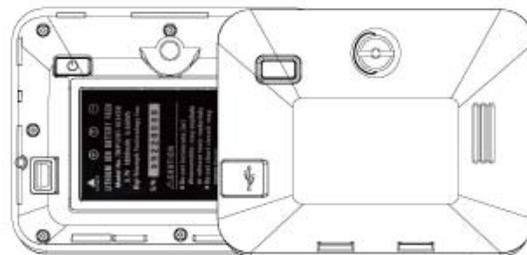
	Component	Description
1	Battery Slot	Put the battery on the slot, before use the device.
2	Micro SD slot	Accepts Micro SD storage cards, allowing you use audio and image files stored in it for use with internal applications

**Assembly your E135:**

1. Put the battery on your E135
2. Insert the Battery in your E135 (Photo 1-1)
3. Put on the rear cover on your E135 (Photo 1-2)
4. Fix the lock button by turning the ring.



**Photo 1-1**

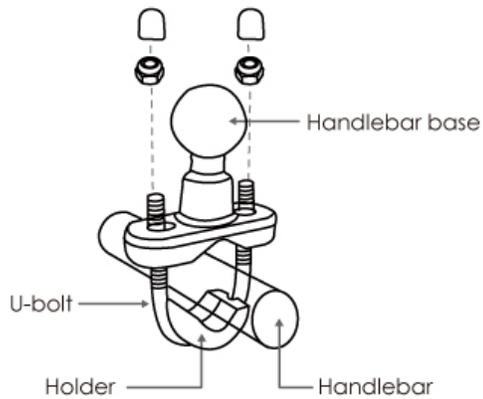


**Photo 1-2**

## 2.2 Installation on a Motorcycle.

### Install the U-Bolt ,Holder and Handlebar base:

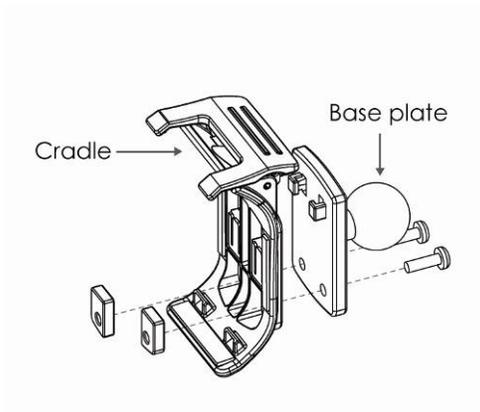
1. Place the U-Bolt and the holder around the handlebar, and thread the ends through the handlebar base. (Photo 3-1)
2. Tighten the bolts to secure the base. Do not over tighten.



**Photo 3-1**

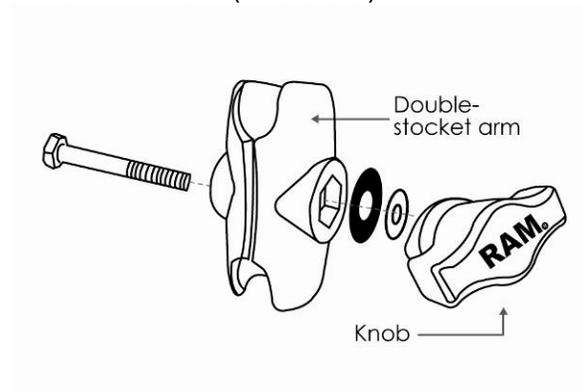
### Fix the double-socket arm to knob:

### Attach the Base Plate to the E135 Mount



**Photo 3-4**

1. Thread the bolt through double-socket arm to knob. (Photo 3-3)



**Photo 3-3**

### Attach the Base Plate to the Handlebar Base

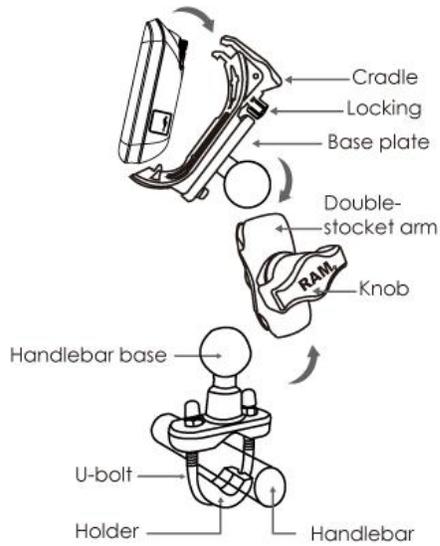


Photo 3-5

### Install the E135 in the Cradle

1. Flip the lever up
2. Place the E135 in to the cradle, and flip the lever down.
3. Tighten the security screw.

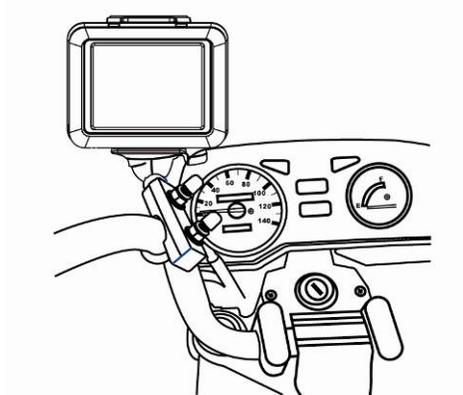


Photo 3-6

## 2.3 Installation in a Car

Install the car mount on the selected area.

1. Press the suction cup of the car mount firmly against to the windshield.(Photo 4-1)

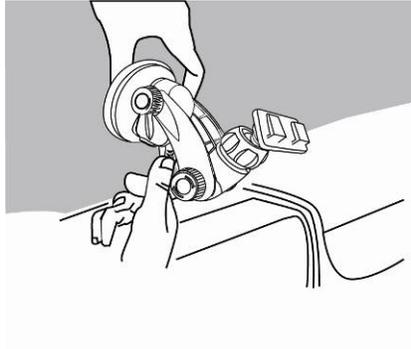


Photo 4-1

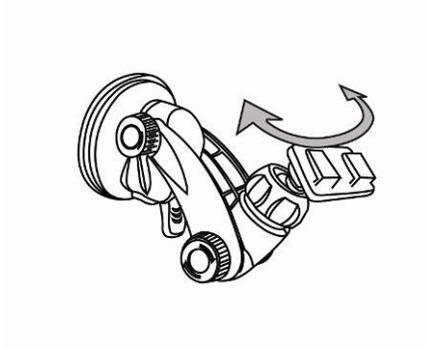


Photo 4-2

Install the E135 in the Cradle

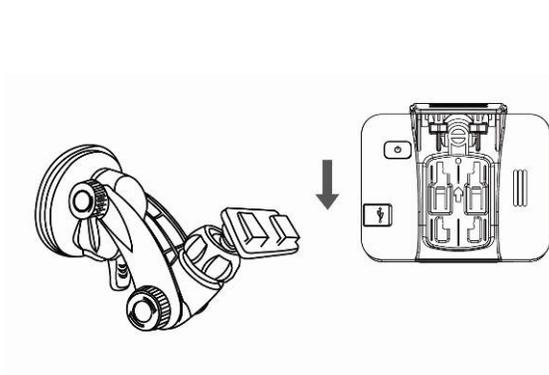


Photo 4-3

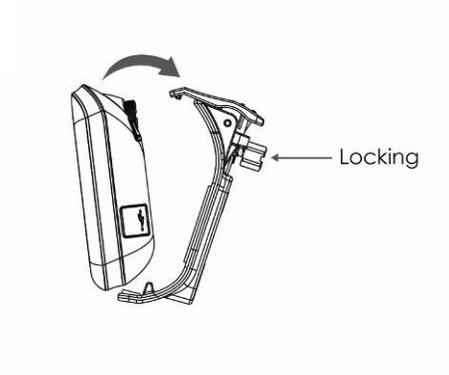


Photo 4-4

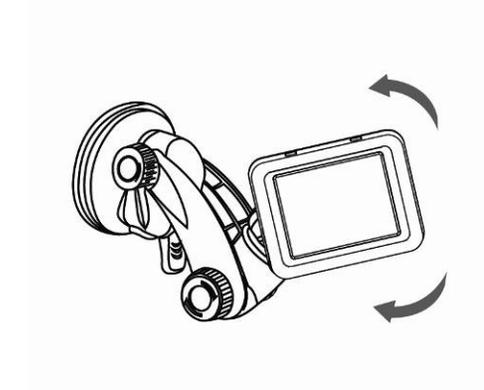


Photo 4-5

## 2.4 Charging your E135 device

1. Plug the car charger to the 12 V outlet of your car and then connect the charger cable to the Mini USB port of the E135.(Photo 5-1)
2. You now can let your E135 have the continuous power by the car charger.

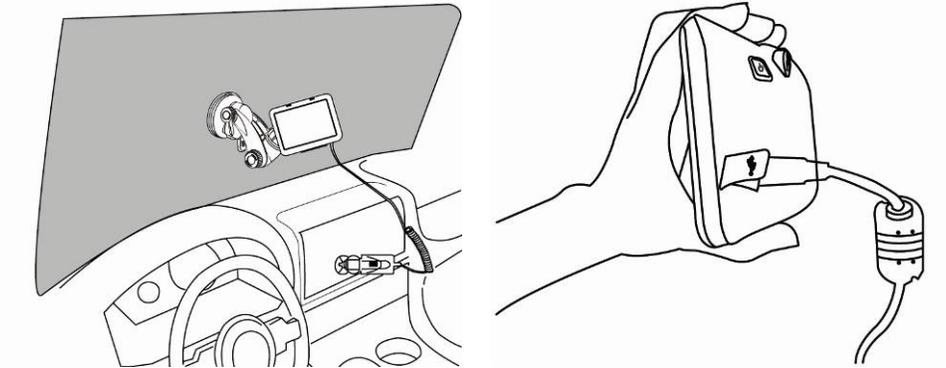


Photo 5-1

**NOTE:** Your car may be required to switch the vehicle ignition into the accessories position to power the cigarette lighter. Your E135 will not charge with the ignition off.

## Chapter 3: Using the E135

### 3.1 E135 Operating Basics

After fully charging the E135 it is ready to be used. You can now turn it on and proceed to system settings configuration.

After turn on the device, main page will display. This is also referred to the Favorite page.



## To configure system settings:

If you intend to start using your E135 at once, we recommend that you configure the language and time zone settings first. The rest of the user preferences can be set up later.

Tap “System” in the right category bar



Tap “Language” on the System page.



Drag the wheel to scroll the languages.area



To set the system time zone, tap “Time Zone” in System



1. Tap the  icon to set up the function of daylight saving s time.
  - a.  represent enable the function of daylight savings time.
  - b.  represent disable the function of daylight savings time.
2. Drag the Map to adjust the time zone.



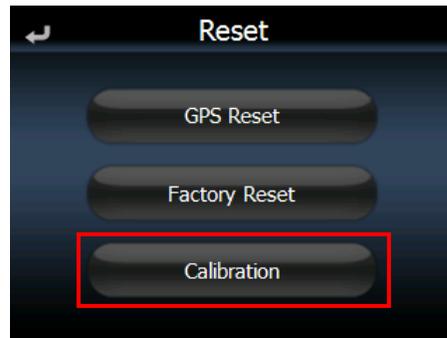
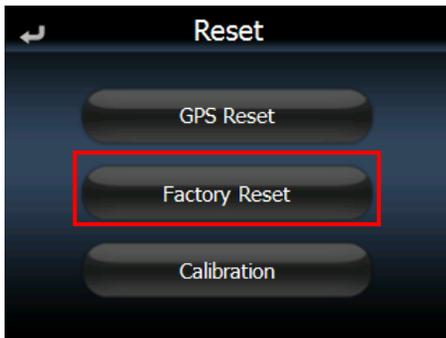
### 3.2 Reset

- GPS Reset: : When user wonder if GPS receiver perform properly or not .( ex : Change the region)
- Factory Reset : The factory reset function not only resets the operating system settings to default factory values, but also reset the GPS settings.
- Calibration : When the touch screen does not respond well, calibrate the screen of your device.

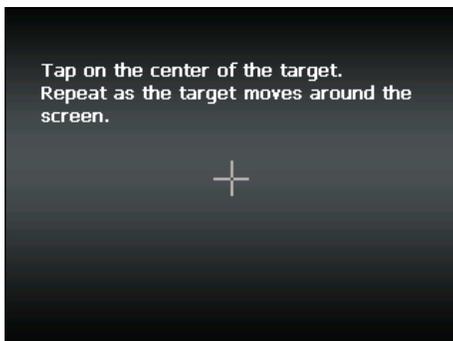
Tap the “Reset” icon in the System Menu.



Tap the “GPS Reset” icon in the Reset Menu.



Tap the “Calibration” icon in the Reset Menu



Tap on the center of the target. Repeat as the target moves around the screen.

### 3.3 Set the Quick menu bar:

Otherwise, provide more organized and friendly application management interface for user organize their own favorite application category by drag-and-drop, the maximum number of favorite application shortcut is 6.

#### Add icon to the favorite page

1. Drag the icon to the category bar of favorite.



#### Delete icon to the favorite page

Drag the icon from Favorite page to category bar and drop it. Confirm dialog will pop up, just tap “YES” to delete.

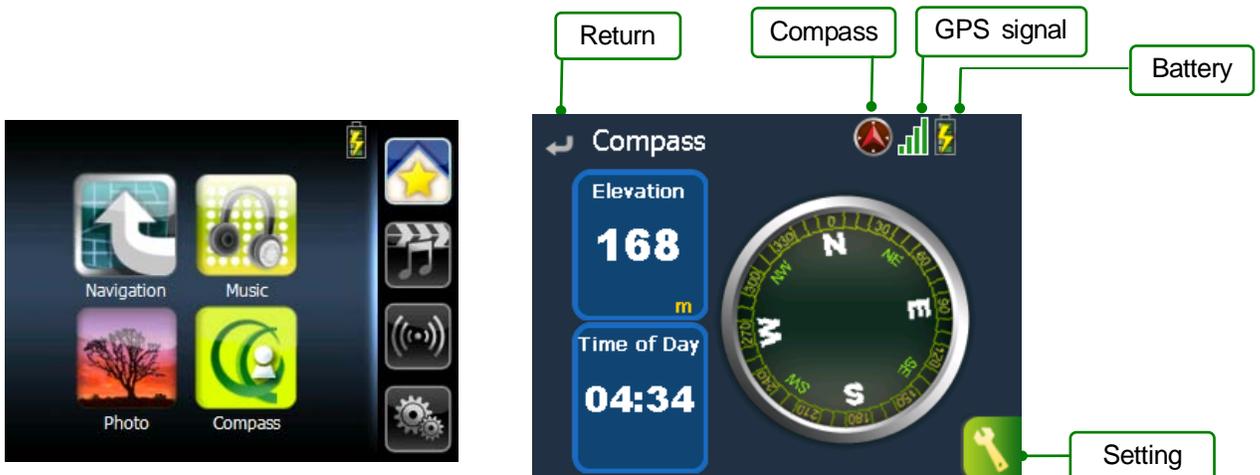
## Chapter 4: E-compass

E135 has integrated 3D E-compass, a Barometer and an Altimeter to let you know not only your direction but also the altitude.

**NOTE** : Altitude is calculated by barometer, accuracy will depend on pressure environment.  
Ex: Different weather or in car.

### 4.1. Settings

1. Tap “Compass” to turn on 3D e-compass.



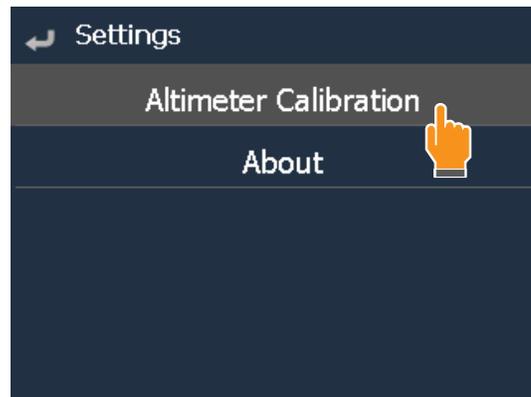
Name	Description
Elevation	Current elevation
Location	Current location
Return	Back to main menu
Battery	Battery Level
GPS signal	GPS signal level
Compass	Compass need to calibrate. <b>(please do ∞ circle to calibrate)</b> Icon will disappear once finishing calibration
Setting	Altimeter calibration and About

You can calber the Altimeter.

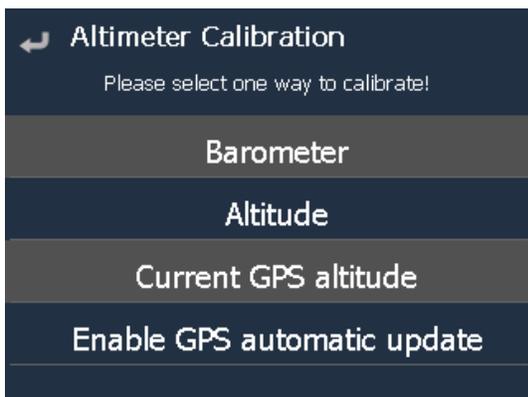
1. Tap  to enter setting menu.



Tap "Altimeter Calibration"



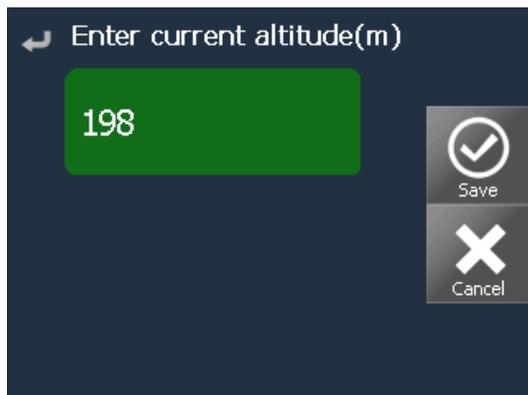
2. Select one way to calibrate current altitude



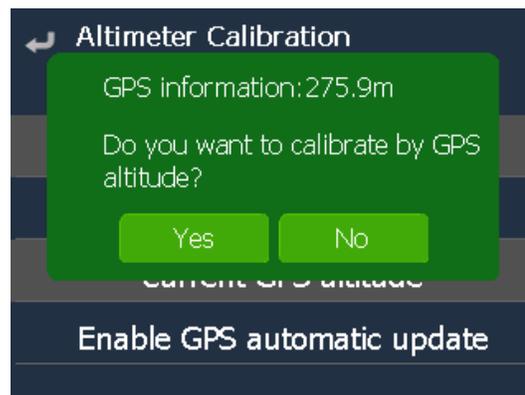
By Barometer: Enter the barometric pressure to calibrate.



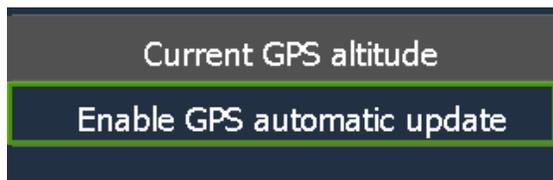
By Altitude: Enter the altitude to calibrate



Current GPS altitude: Calibrate by GPS data



Enable GPS automatic update: Will auto-calibrate altitude by GPS data every 5 minutes. The column will be marked as green frame once you tap this function.



## Chapter 5 : Multimedia

The E135 is a fully capable multimedia player that can enhance your portable entertainment. In addition to its navigating function, the E135 is also a mobile entertainment tool to let you enjoy digital music, view photos. These functions make the E135 a true multimedia device. To enable access of multimedia files from your device's mass storage folder and transfer these files, do either of the following:

- Using the USB cable to connect the device to your computer, and then use File Explorer to copy digital music and image files into the device's MyflashDisk folder.
- Using a compatible card reader, directly copy digital music and image files to the Micro SD card.

It is recommended to organize files into subfolders. These folders will make files easier to find and play.

### 5.1. Music player

Enjoy your favorite music on the road. The program features:

- Play with Navigation guidance
- Support for MP3 files Constant bit rate only (Sampling Rate: 8 -48 KHz, Bit Rate: 8- 320 Kbps)
- Auto-scanning of supported files in the device's Micro SD card and Flash memory
- Separate volume control enabling you to adjust the playback sound level while retaining the volume level set for system sounds

Each sub directory containing compatible music files is treated as an individual playlist. For a more organized file search, it is advisable to named sub directories based on genre or listening preferences.

Tap "Music" icon in the Main Menu.



The MP3 player window below controls playback.



NO	Function		
1		Return	Return to list page
2		Songs	List all song by alphabet
3		Album	List all albums by alphabet.
4		Artist	List all Artists by alphabet
5		Search	Current play list

## 5.2. Photo Viewer

The E135 has a great photo viewing option that makes it easy to share and view digital photos anywhere on the go. The program features:

- Support for JPEG files (Support Max. 500 photos)
- Auto-scanning of supported files in the device's Micro SD card & Flash disk
- Three viewing modes: Thumbnail, Full Screen, and Slide Show

Each subdirectory can hold multiple images and be used as an individual album. For a more organized file search, it is advisable to sort image files into sub directories based on meaningful name or date. An example could be "summer vacation pictures" or "New baby" or "2005 Best."

### Viewing files in Slide Show mode

You have the option to view images in a slide show much like viewing a Power-Point presentation in your computer. Images are adjusted to fit the entire display area and are shown in a 5-second interval.

## Chapter 6: Bluetooth

Once your Bluetooth-enabled Headset is paired with your E135, you can enjoy listening to the music through the Bluetooth headset.

**NOTE** : Make sure the Bluetooth switch is set to “ON” or “enable”.

### 6.2. Bluetooth connection

Tap “Settings” to turn on Bluetooth function



Back to “Communication” screen, and tap “Connection”



Tap “Search” to look for Bluetooth on of mobile phones



Choose one which you want to connect to, and tap “Connection”

1. Choose “Stereo” or “Mono”
2. Once the choice is made and the connection established, the name of the connected device is displayed on the title bar of the “communications” screen.

**NOTE** : Bluetooth function has a limited range. If the connection is lost, E135 will try to re-connect within 10 seconds.

## Chapter 7: Troubleshooting and Maintenance

### **If your device does not respond, do a “hard reset.”**

*To do a “hard reset,” Disconnect all cables, including the AC adapter, from your device. By sliding the hard reset switch on the primary ON/OFF switch on the right side of the device from OFF to ON position then tap the power button.*

### **Users can also perform a “system reset.”**

*To do a “system reset,” in the Main menu, tap System, then tap System Info. This will allow you to do a factory reset (restore to default settings), reset the GPS and recalibrate the touch screen interface.*

### **Screen responds slowly**

*Make sure you have enough battery power.*

### **Inaccurate response to taps.**

*Recalibrate the touch screen.*

### **Connection Problems with PC.**

*Make sure that the cable is securely plugged into the USB port on your computer and on the device. Connect the USB cable directly to your computer—do not run the cable through a USB hub.*

*Reset your device before connecting the cable. Always disconnect your device before you restart your computer.*

### **No GPS connection**

*Make sure that the GPS antenna has a clear view of the sky.*

*Note that the GPS reception can be affected by:*

*Bad weather*

*Dense overhead obstacles (e.g. trees and tall buildings)*

*Other wireless devices in the car*

### **No sound coming from the device.**

*Make sure mute is not selected for Volume in system settings. The built-in speaker turns off when the headphone jack is being used.*

### **Can't I see my photos.**

*Make sure you are using supported image formats JPG.*

### **Takes longer than normal time to get a GPS fix.**

*If the previous GPS fix position was more than 500 km or 12 hours apart from your current position and time, it will also take significantly longer than the standard TTFF time to get a GPS fix. This is due to the nature of the GPS algorithm and rotational velocity between the satellites and planet Earth, and deemed normal.*

*Perform a GPS reset in the main/system/system info menu to get a faster GPS fix.*

### **Factory reset does mean a GPS reset.**

*Yes. The Factory Reset function resets the OS settings to their default factory values and it will reset the GPS settings.*

## Maintenance

- Avoid exposing your device to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not drop your device or subject it to severe shock.
- Do not subject your device to sudden and severe temperature changes. This could cause moisture condensation inside the unit, which could damage your device. In the event of moisture condensation, allow the device to dry out completely before use.
- The screen surface can be easily scratched. Sharp objects may scratch the screen. You may use non-adhesive generic screen protectors designed specifically for use on portable devices with LCD panels to help protect the screen from minor scratches. Never clean your device with it powered on. Never use organic solvents such as benzene or paint thinner to clean your device. Use of these solvents can cause deformation or discoloration. Use a soft, clean, lint-free cloth to clean the display screen. Moistened LCD screen wipes could also be used as required.
- Never attempt to disassemble, repair or make any modifications to your device. Disassembly, modification or any attempt at repair could cause damage to your device and even bodily injury or property damage and will void any warranty.

## Storage precautions

- Do not store your device anywhere it may be exposed to water or in conditions of high humidity.
- When the device is not in use for an extended period of time, bring it indoors and store it in cool dry area.

## Accessories and repair precautions

- Only authorized accessories should be use with the device. The use of incompatible accessories could result in bodily injury and/or damage to the device.
- The use of unauthorized accessories will also void your warranty.
- Never attempt to disassemble, repair or make any modification to your device.

## GPS SpeedCamera locator

Turn your GPS into a speed camera locator. Please visit our website [www.danew.com](http://www.danew.com)

