

MULTIFUNCTIONAL CAR CAMCORDER & GPS

You are welcomed to use our multi-functional GPS navigator and car recorder! Please carefully read the following statement before using our products:

- Our company reserves the right of final explanation on this *Operation Manual*.
- As for any change in product specification and picture, please excuse us for no further notice. All are subjected to real object.
- Please backup material information. As for loss caused by losing and damaging data, our company will not assume any responsibility.
- Please install this navigator in correct way. Navigator should not ward off driver's sight or air bag restraint system. As for product fault, personal injury and property loss caused by incorrectly installing this navigator, our company will not assume any responsibility.
- Please use originally-provided accessories to avoid unexpected loss. Using incompatible unoriginally-provided accessories will cause inefficacy of contract repairing and even may harm your and others safety. As for these, our company will not assume any responsibility.
- Due to development of transportation construction, it may happen that the data of electric navigation map is not in full accord with actual traffic. As for this situation, please drive in accordance with traffic rules such as road situation and sign. Checking or running navigator when driving may cause serious traffic accident. As for traffic accidents and various losses caused by fault operation, our company will not assume any responsibility.
- This manual has been carefully checked, but does not exclude the possibility of a few marking errors. If you find any error, please contact with relevant distributor.

Product Features

This navigator takes GPS navigation and car recording as its main

functions, supporting video play, music play and newly-increased AUX interface. And it is able to connect rearview mirror to use as back vision for backing a car.

Using CPU processor A10: high performance, low power consumption.
5 inch HD capacitance (800 * 480) touch screen
Built-in accelerometer G - SENSOR, protecting the file will not be automatic cycle.

User-friendly interface: simple, beautiful, easy to operate;

Excellent power management: ensure that the product more stable and durable;

High speed data transmission: through the Mini - communication with the computer USB port;

High quality reception: accurate positioning, navigation to provide you with satisfactory service;

Entertainment and leisure good mate: navigation, record video, audio, Internet access, FM.

Manual Use

In order to bring your navigator into full play, please carefully read this *Operation Manual*, knowing all operational details.

In the course of usage, you may see the following supplementary information:

Prompt Explanation or statement for relevant themes.

Relevant information Extension information of relevant themes.

Matters need attention Note or warning for relevant themes.

Please pay enough attention to this information and adhere to related operation, otherwise, it may cause destructive influence on you and others.

Power Supply and Battery Charging for Navigator

Power supply

Power supply way for this navigator: power adapter for power supply.

When using external power adapter, supply power for navigator via external power

Prompt This navigator adopts built-in and removable polymer lithium ion battery to supply power. The actual time of power supply will depend on the way that you use navigation. Some functions (music, video play, high-brightness backlight) consume a large amount of power, which will decrease the time of power supply greatly.

Matters need attention Battery will release dangerous chemicals because of crack and explosion. In order to avoid causing fire or being burned, please do not detach, impale, hit battery or put battery into fire or water.

Charge.

Connect DC end of power adapter with USB interface which is in the right of navigator.

Connect the other end with power socket, charging built-in lithium polymer battery while supplying power to navigator.

In the condition of closing navigator, the complete battery charge need about four hours. If operating in the condition of opening navigation, the charge time will extend in accordance with actual situation.

Prompt When using this navigator for the first time, please use power adapter to charge battery for over one hour.

Prompt When charging a battery, if the right indicator light of startup key lights, it means the battery is in charge. The blue light will extinguish after battery is full.

Prompt If battery is low or exhausted, please charge a battery timely. If this product has not been used for a long time, please keep more than half battery and main it in dry and cool environment.

Use vehicle-mounted power adapter to charge a battery.

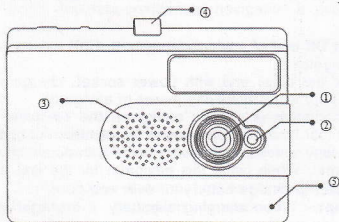
Connect one end of vehicle-mounted power adapter with USB interface which is in the left of navigator.

Connect the other end with charge jack of the vehicle for charging a battery while supplying power to navigator.

Matters need attention Please insert vehicle-mounted power adapter after starting vehicle in a bid to avoid that current surges navigator and results in damage when the vehicle runs.

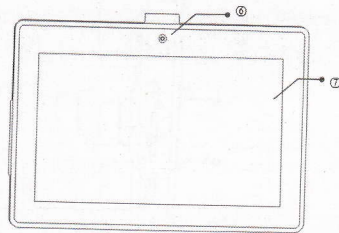
Structure

◆ Front view



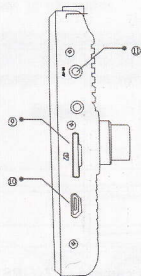
1, main lens 2, LED light 3, speaker hole
4, Stent hole 5, Reset

◆ Back view



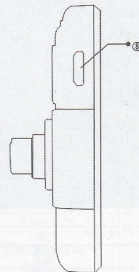
6, Deputy camera 7, IPS touch screen

◆Left view



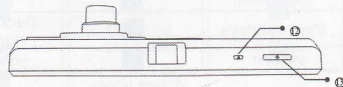
9, TF slot 10, USB hole 11, AV-in

◆Right view



8, HDMI

◆Vertical view



12, lock key 13, power

Function---main interface



icon	function	icon	function
	DVR		navigation
	calendar		clock
	Music		System Settings
	application		return
	main interface		Background operation
	volume -		volume +

Function

DVR:



icon	function	icon	function
	Video system Settings		Video parameter Settings
	After pulling a camera		Full screen
	Picture in picture switching		The tape switch
	playback		Video/photo button
	mode switch		

Note:

1, you can according to your actual need, choose the video or photo mode, external AVIN interface, can also be used for the lens and lens video switch freely

But need to know, before this product can be, after lens for video record, but at the same time, can only record two way video content at the same time.

2, the machine with gravity sensing G - SENS0R, when reached the standard of accelerometer protection, the video will automatically lock for protection, so as to not be circulation.

1, Video system Settings:








Set	Sub menu
watermark	open
	Off
Motion detecting	open

	Off
The recording audio	open
	Off
Picture in picture	open
	Off
Switch to browse	open
	Off
Light source frequency	open
	Off


2, Video parameter Settings



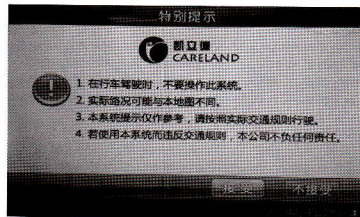
Feature set	Sub menu
 white balance	automatic
	Incandescent lamp
	sunny

 color	fluorescent
	cloudy
	default
	monochromatic
	negative
 Loop video time	Restoring ancient ways
	1 MIN
	2 MIN
	5 MIN
	OFF
 video resolution	1080P
	720P
	VGA
 Video mode	Double lens
	Front lens
	Backlens

Picture mode:

Feature set	Sub menu
 Photo resolution	100W
	200W
	300W
	500W

Navigation:



This navigator can be installed with various navigation map software, such as "Careland", "Gaode" and other intelligent navigation systems. System accurately positions mobile equipment by using GPS satellite signal receiver and display it on the electric navigation map. After user setting destination, system will automatically find a best route to help user reach the destination safely and fast.

System will enable you fully feel navigator's unique charm and enjoy a relax and joyful travel via various modes including visual map, real-time animation, prompt voice and word prompt.

Operation approaches may be different in allusion to different navigation maps. Please refer to operation instructions of relevant navigation map software.

Prompt Please purchase relevant map software and determine route of map software in navigator setting before using navigator. Please refer to navigation route setting of this manual for setting steps.

Required Reading before Using Navigator

About Map

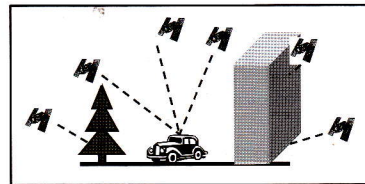
Due to development of transportation construction, even though using the latest electric navigation map, the product will be not in full accord with actual information after a time. As for this situation, please drive in accordance with actual traffic and road condition, abiding by actual traffic rules or control regulations.

About Navigation

This navigator just provides navigation route for reference, please decide that whether you drive in accordance with this route by yourself. The route which driver chooses after knowing map well may be better than that chosen by navigator.

About Information Receiving

The elements including high and big, dense buildings (such as in tunnel, between high-riser buildings, in underground parking and under viaduct bridge) and weather changes or close of satellite signal may all affect signal reception, and result in unable positioning or inaccurate positioning, as well as failure of navigation operation and malfunction of system and others.



The basic use

Open the equipment

There are two ways :

1. Long press the power button boots.
2. Connect the car charger, the machine automatically switched on.
3. To end use, please long press power key to turn it off.

【 note 】 when the navigator of the external environment change, need to be used such as host to adapt to the environment to boot. Large or moisture humidity fluctuations that may cause a host of internal short circuit.

【 The relevant information 】 The following conditions may lead to system no response condition:

Picture switching process delays, stagnation, which leads to the picture can't switch smoothly;
Click on the function, the execution time is too long, can't activate;

According to the power button cannot execute switch action.

Used car fixed frame fixed navigator

Car fixed frame consists of a bracket and the bracket. When used in the car, please fix the navigator under the front windshield of the dashboard.

【attention】 When using vehicle fixed frame, please choose the location of the place. Don't put navigator could hinder the location of the drive line of sight; Not random and not be fixed; Where is fixed in airbag; In the area the airbag inflation.

Function introduced

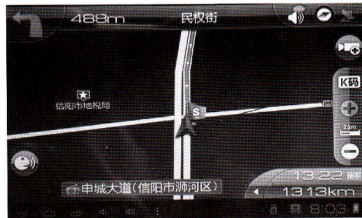
This chapter will detail how to use the navigation functions.

【Tips】 The navigator has a built-in 8 GB of memory and extrapolation of TF card memory support (support 2-32 GB TF card). Demanding customers, map to be installed in the memory, TF card is used to store the video data.


Boot directly into the main menu interface function, according to the menu prompt, enter the relevant functions.


Navigation function



Click on the navigation menu icon, into the navigation interface, navigation related operations can be performed.




Operation guide

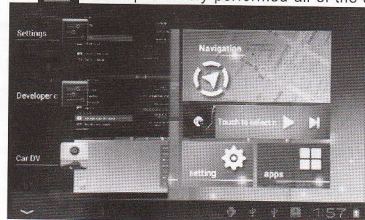
No matter which interface shown on the screen, you can by clicking on the lower left corner is located in the main interface of  key to return to the main interface.

【note】  function is to return to the main interface.

1. Click on the touch screen to the left under the return key , you can return to the previous screen.
2. Operation, click on the menu , the screen will pop up the following interface




Click on view  about previously performed all of the application.



Basic setup

The wireless network

Wi-Fi

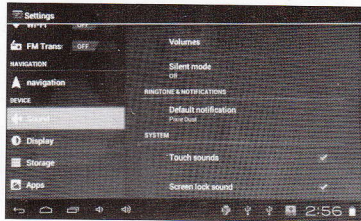
Click Settings button, drag the "close" button to turn on wireless networks, all of the available wireless networks will be displayed, click on your wireless network, then the connection. If the wireless network don't need a password, and click "connect" will start to connect; If the wireless network password is required, then need to enter the password, then click "connect" to connect. If the wireless network has been successfully connected before, information will be stored, and will be automatically connected. Once tablets successfully connected to the wireless network, the screen will appear in the status bar at the bottom of the wireless network icon .

FM

Drag the button to choose to open or close the FM

Device Voice

Volume, ring tones and message set, you can also use check or not check to select or cancel the vibration and ringing, touch the volume, sound and vibration touch screen lock



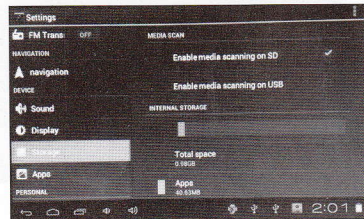
Display

LCD display brightness, wallpaper, automatic rotary screen, dormancy, font size, gravity sensor coordinate system, screen adaptation.



Storage

Want to see the available storage space, can remove the memory card (the internal storage format), and choose to external memory card or external USB device scanned for media options



【note】:

- 1, If you want to safely remove TF card or USB flash drive, please click on the option "uninstall TF card", and confirm the option, and then you can safely remove the TF card/USB main equipment
- 2, In the external storage scanned for media "and" media on the USB main equipment in scan "option ticked off, in this way, your tablet can scan and display external TF card and USB device in the file.

APP

Management application. Click on directory (downloaded, SD card, running, or all), and select the application you want to uninstall, you will

enter the following interface, click the uninstall, then you can remove the application from the tablet.



Language and input

Language selection, text input, and automatic error correction option, choose your favorite keyboard and input method, and set the text language output, a pointer speed

Backup and reset

Data backup or restore, restore factory Settings
Warning: once you perform "restore factory Settings", and will eliminate all the personal data on the tablet, in prior to performing this function will be the backup to your personal information

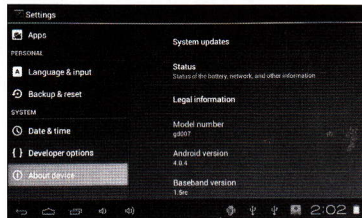
System

date and time

You can use the Internet to provide time or time zone, or manually set the date and time, select time zone, you can choose the time and date display format

About the tablet

Click on the get information about the tablet



The application installation

You can download the application from the android app store, then install, online or from your TF card or USB device installed in the application. Only need to click the application for installation, you can complete the installation and run the application immediately.

Protection screen: you push hard on the touch screen may damage the

screen, please use the touching pen operation. Spray to clean the screen, please use a small amount of commercial glass cleaner soft cloth gently wipe the screen, to avoid the cleaner spray directly on the screen.

【attention】 Please be sure to close the navigator first, and then clean the touch screen

Do not drop, drop, impact is likely to lead to high display precision components such as damage

【attention】 Accidental damage is not in the scope of the repair
Avoid to use in the following environment: rapid temperature change, high temperature (above 60 °), (below 0 °) at low temperature, high pressure, dusty, electrostatic interference, moisture, and prevent the corrosive liquid corrosion navigator or soak in any liquid.

Avoid radiated interference: the radiated interference from other electronic devices may influence the screen display. Eliminate interference sources can make a return to normal display

【attention】 If need to air transport, when through airport security, we recommend that you put the navigator with duffel bag by X ray detection system, avoid the use of magnetic head detector (you directly through the channel) or magnet (security personnel of the handheld device), the equipment has the potential to host the system data are destroyed. This may cause data loss, our company disclaim all responsibility.

Avoid direct light: do not directly exposed to strong light or ultraviolet light, navigator to prolong service life.

Parameter

LCD screen size	5 inch high-definition capacitance (800 * 480) TFT touch
pixel	The main camera 2M
Main lens	140 degrees high-definition wide Angle lens
DSP	A10
video resolution	720P/1080P
video format	AVI
Photo resolution	5M/3M/2M/1M
Photo format	JPG
Loop video	1min/2min/5min
Memory card type	TF card
Card capacity	Max to 32G
USB	USB1.1/2.0
power interface	DC5V, 2000MA
Current frequency	50HZ/60HZ
AV-IN	support
WIFI	support
Microphone/speaker	support
navigation	support
AV - in camera	support
operating system	Android 4.1
language	According to the android language system

weigh	0.2KG
size	105*42.5*31MM

Appendix: Common Fault Removal

If your GPS navigator cannot work normally, please check it as follows. If fault is not solved, please contact with our customer service center.

Fault	Cause	Solution
Unable to start up	Low battery	Supplying power to system and charge battery via external power
	System halted	Resetting and pressing resetting key.
Sudden powering off	Low battery	Supplying power to system and charge battery via external power
Unable to show/see content	The brightness of background light is too low.	Highlighting background light
	Background light closes automatically.	Using touch pen to point and click LCD, and touch screen will brighten again.
No correct operation when clicking on the icon	Touch screen is not calibrated.	Recalibrating touch screen
No sound when playing	Sound is too low.	Amplifying sound
	Bad contact of headset	Inserting headset again

Unable to connect with computer	USB cable is not connected with computer.	Connecting USB cable with computer
Unable to receive GPS signal	Low battery, fault in port and Baud rate setting	Depending on local GPS satellite signal. When the signal is low, you maybe have to wait for more than one minute.
		Checking map port which should be COM1 with Baud rate 9600
Accidentally losing map data	Faulty operation	Connecting distributor or downloading map on the internet
Insufficient system resources	Not normally quitting navigation map.	Closing navigation map in accordance with correct method and then shutdown