NavRoad

NR411
User's manual

NOTICE:
Because of still development, specifications and functions are subject to change without notice.

We do not take responsibility for misprints.

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.

Charger

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 non-replaceable internal Li-polymer 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.

NOTICE: The battery in the device must be recycled or disposed of properly.
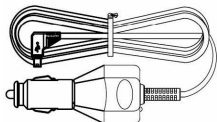
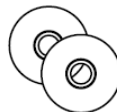# Package contents

NR411 device
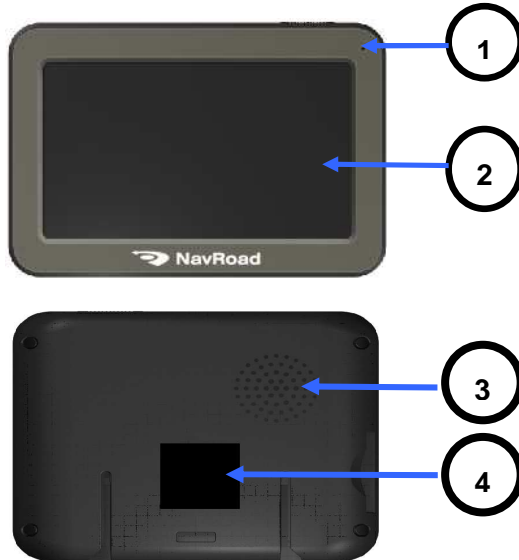
Windshield mount

Car holder

Car charger

Quick Guide

SD card (Option)

CD Companion

Hardware
Front / Back views

No	Icon	Component	Description
1		Touch screen	Displays the output of your device. Tap with the top of your finger on the screen to select menu commands or to enter information.
2		Charge Indicator	Glows orange to indicate that the battery is charging, and turns green when the battery is fully charged.
3		Speaker	Emits system sounds.
4		Rear Label Area	Area for labeling device label

Top / Bottom / Left / Right views
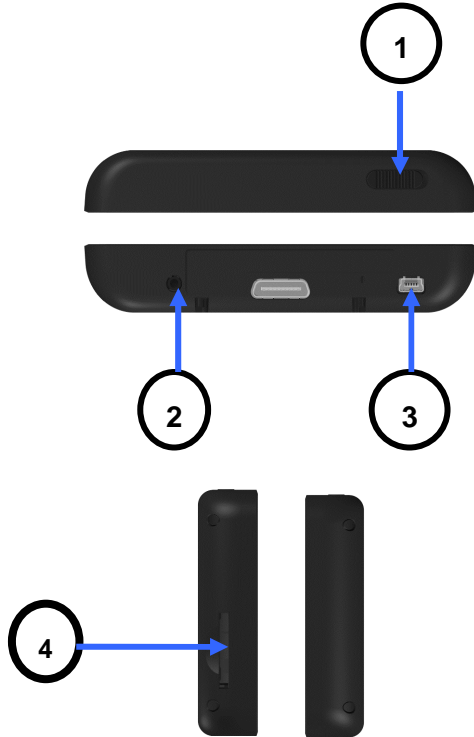
No	Icon	Component	Description
1		Power Switch	Turns on and off the device.
2		Reset Button	Used to do a hard reset of the device.
3		Mini-USB port	Connects to the charger or USB cable
4		SD Card reader	Accepts SD, SDHC and MMC storage cards.

Using the mounting bracket.

Warning: Some countries prohibit the mounting of any electronic device on the vehicle dashboard. Be sure to check your local laws for acceptable mounting areas before installing the car mount bracket.

Clean the mounting surface with a glass cleaner and a clean cotton cloth.

If the ambient temperature is below +15°C (60°F), you can warm the mounting area and the suction cup (e.g. with a hair dryer) to ensure a strong suction bond.

1. Insert SD card (see Photo 1)
1.1 Insert your SD card into the SD slot of NavRoad before you mount the device Holder to your NR411.
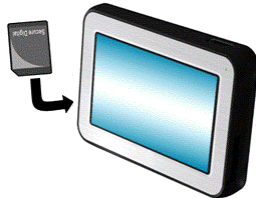
Photo 1

2. Mounting the device holder and car mount with NR411. (see Photo 2)
2.1 Fit NavRoad in the device holder first, and then firmly dock the NR411 with device
 holder on the car mount.
2.2 Press the suction cup of the car mount firmly against to the windshield.

Photo 2

2.3 Press down the lever to fix the suction cup in place.
2.4 Adjust the angles of the arms to your proper viewing position.

3. Charging your NR411 device   (see Photo 3)

3.1 Plug the car charger to the 12 V outlet of your car and then connect the charger cable to the bottom of the NR411.

3.2 Your now can let your NR411 have the continuous power by the car charger.

Photo 3

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

Starting your device

Press the power button to turn on your device, then the main menu screen appears.

Please be noted, the first time turning on your device may take some time to obtain a valid GPS fix.

Resetting NR411

You should less than seldom need to reset your NR411 under normal circumstances. However, in the event that a problem cannot be corrected, you may reset the device by the following way,

-- Soft reset by pushing the soft reset button on the bottom right. (see Photo 4)
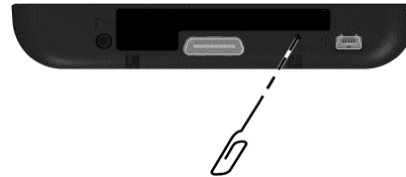
Photo 4

Using the device

To turn on the device

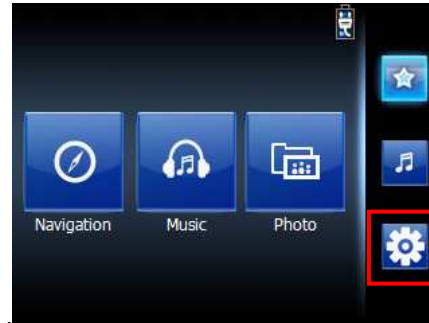Turn on your device by pressing the power button on the top right panel of the device.

Main menu

Settings:

Before first use it's recommended to set the language and timezone.
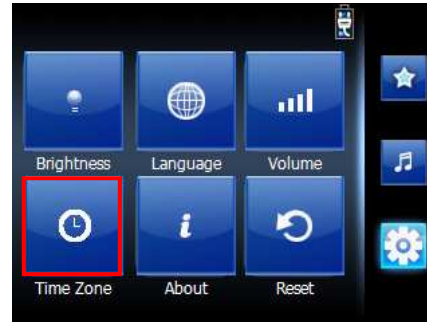
Tap "System" button

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Tap "Language" button

It will display current language in central area

To drag, wheel scroll language tags.

To set the system time zone, tap "Time Zone" in System Menu

Tap to set up the function of daylight savings time.

 Daylight savings time enabled.

 Daylight savings time disabled.

Drag the Map to adjust the time zone.

Additional System settings

Reset
Tap "Reset".

Tap "Reset GPS" icon

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Tap "YES" button to reset GPS.

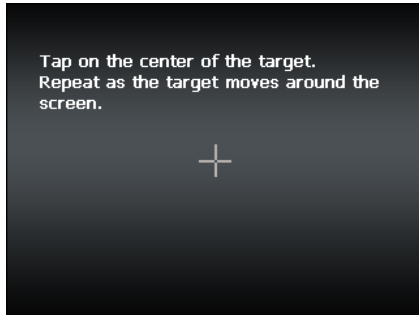Tap "YES" to do the Factory Reset

Tap "Factory Reset" icon in the Reset Menu.

Tap "Calibration" icon in the Reset Menu.

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

You can view the OS version, GPS firmware version and other system information.

System Information
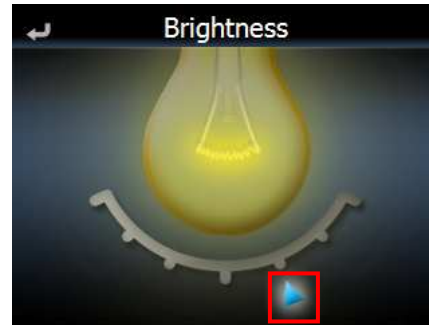
Tap "About" icon in the System Menu.

Volume

Tap "Volume" icon in the System Menu

To adjust the volume, drag the wheel.

Adjust the Backlight brightness by dragging triangle icon.
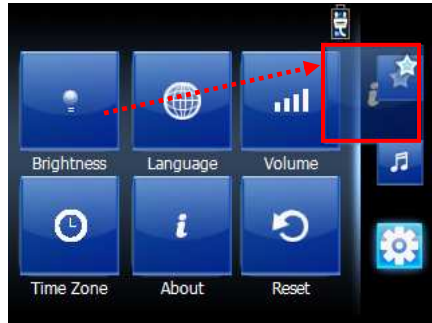

Backlight brightness

Tap the Brightness icon in the System Menu

Setting the favorite application category

Add icon to the favorite page

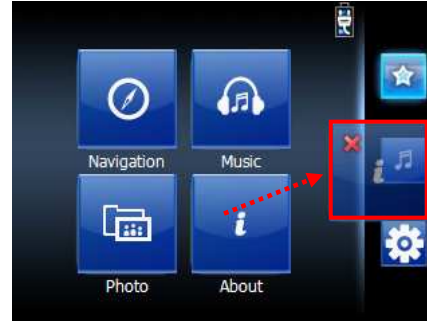Drag the icon to the category bar of favorite

That will show the icon in favorite page.

Delete icon to the favorite page

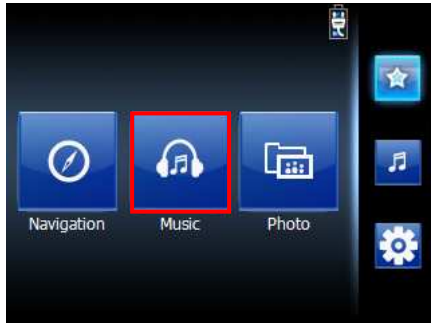Drag the icon from Favorite page to category bar and drop it.
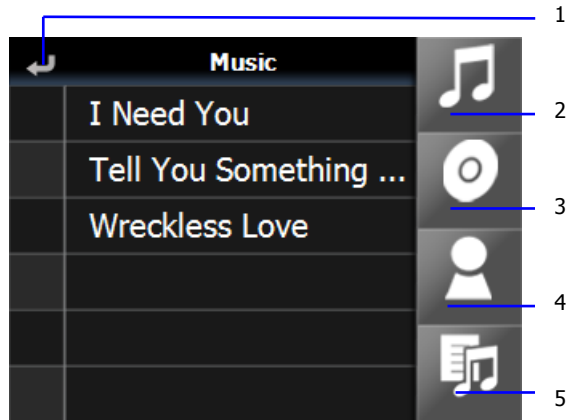

Confirm dialog will pop up, just tap "YES" to delete.

MP3 Player

Tap "Music" icon in the Main Menu.

NOTE: You can also enter the music player by right category bar

MP3 player functions

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

Tap the song on the music list

Tap bottom information bar will switch to song's progress.
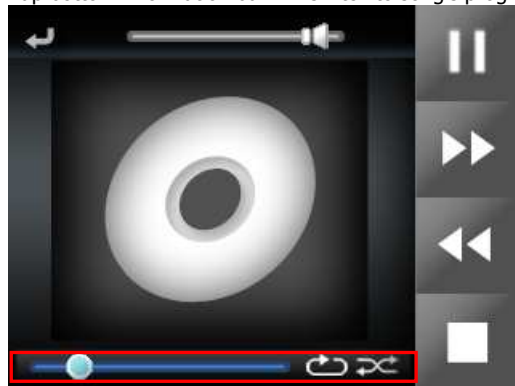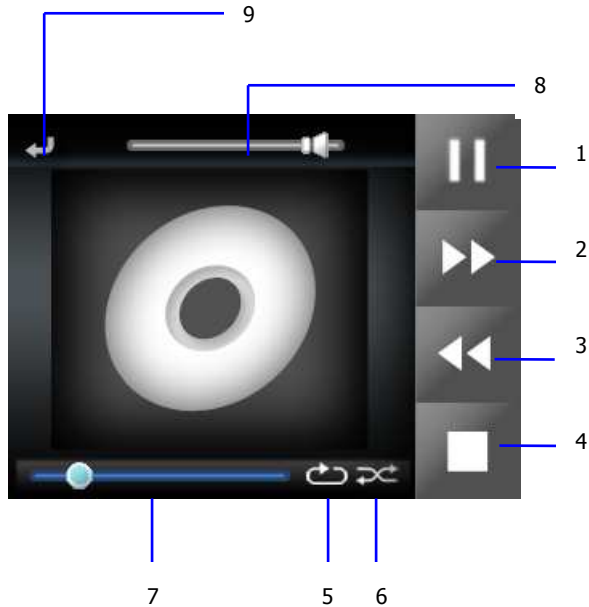
No	Function			
1			Play/Pause	Play/Pause song
2			Forward	Forward to next song.
3			Previous	Reword to previous song
4			Stop	Stop music play.
5			Repeat	Repeat play songs.
6			Random	Random play songs.
7			Sound bar	To adjust the sound.
8			Bottom info. bar	No even: This place will scroll song's name and total play time. Tap: Tap this bar. Will switch to song's progress.
9			Return	Return to list page.

Photo Viewer

Support for JPEG files (Support Max. 500 photos).
Auto-scanning of supported files in the device's SD card

Three viewing modes: Thumbnail, Full Screen, and Slide Show.

Album support based on sub-directory contents.

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."

Slide-show
Images are adjusted to fit the entire display area and are shown in a 5-second interval.

Using the Photo Album

Tap "Photo" icon in the Main Menu.
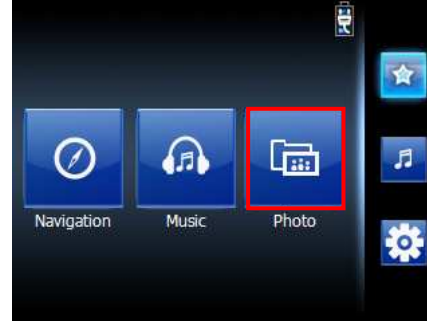
Will list all thumbnails in SD card and store in PND mass storage & SD folder.

Drag all screen area will cause photo move to next or previous page.

Tap specific thumbnail will enlarge thumbnail.

Tap the screen will display control bar.
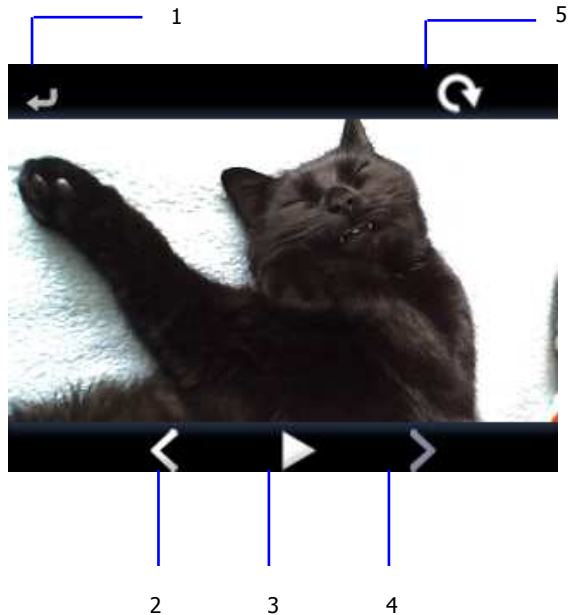
No	Function		
1	↵	Return	Return to thumbnail page
2	‹	Previous page	Display previous photo.
3	▶	Auto Play mode	Auto play all photos.
4	›	Next page	Display next photo.
5	↻	Rotate	Rotate photo 90° clockwise

File Explorer access

Tap "Amusement" button

Tap "Explorer" button

You have now opened the access to Operating System.
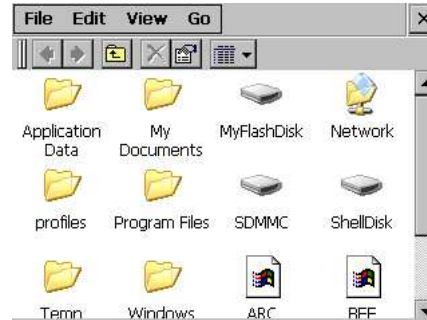
Troubleshooting and Maintenance

Troubleshooting

If your device does not respond
Reset the device

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.
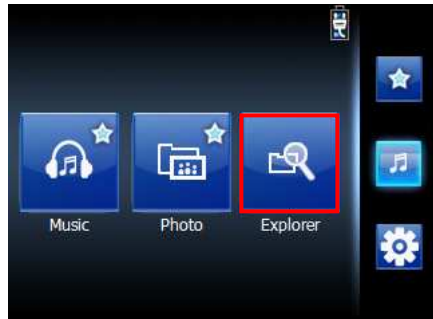Make sure that the cable is securely plugged into the USB port on your computer and on the device. Connect the USB cable directly to your computer—do not run the cable through a USB hub.
Reset your device before connecting the cable. Always disconnect your device before you restart your computer.

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.

I Can't 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 when it is 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.