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UESR MANUAL V1.1

DNA-100

Wide 4.3 inch Portable Navigation & Multimedia Player

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* Precautions and Notices

Warnings

◦ Use only the supplied adaptor (5V 2A) and Cigarette Jack (12V 5A).
◦ Park the vehicle first and then operate the navigation.
◦ For your own safety, do not operate your navigation while driving.
◦ The user of this product is sole responsible for observing safe driving practices.
◦ The calculated route is for reference only.
◦ It is the user's responsibility to follow the traffic signs and local regulations along the roads.
◦ When you get off the car, do not leave your device on the dashboard that is subject to direct sunlight. The overheating of the battery can cause malfunction.
◦ Touch panel is applied to this device on the monitor and please keep this device from water and any other materials.
◦ Leave them as it is for several minutes until cold start would perfectly work for better GPS Reception.

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1. SAFETY ◦INSTRUCTIONS

1. Do not repair, disassemble or modify this device at your own discretion.
2. In case of breakdown, stop using the product and contact the sales agency or service center.
3. Do not use this device near water.
4. Excessive shock and dropping would cause the breakdown.
5. Too much pressure on LCD would make a stain or its breakdown
6. Do not place this device near the sources of heating.
7. Do not heat the battery or dismantle it near flames.

1. PACKAGE COMPONENTS

1-1. PACKAGE COMPONENTS(Basic)

MAIN UNIT

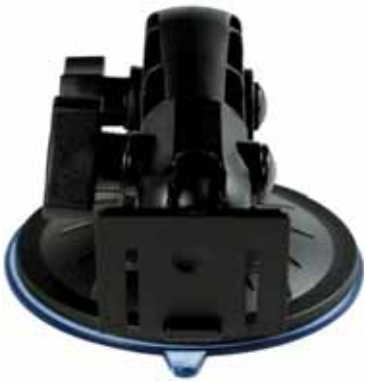
MEMORY CARD

INSTALL CD or DVD

USER MANUAL

CIGARETTE Jack

USB Cable



(A-TYPE)
NAVIGATION HOLDER I

(B-TYPE)
NAVIGATION HOLDER II

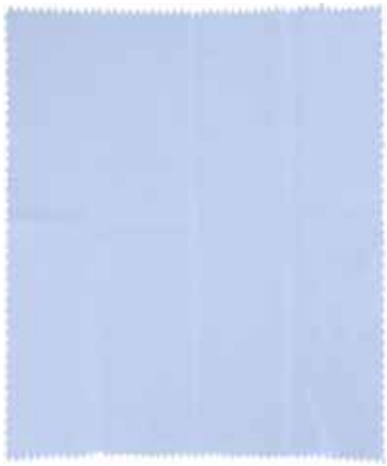
*Note: Choose between I & II

1-2, PACKAGE COMPONENTS (Optional)

AC-ADAPTOR

CARRYING CASE

EARPHONE



LCD CLEANER (FABRIC)

GPS COVER

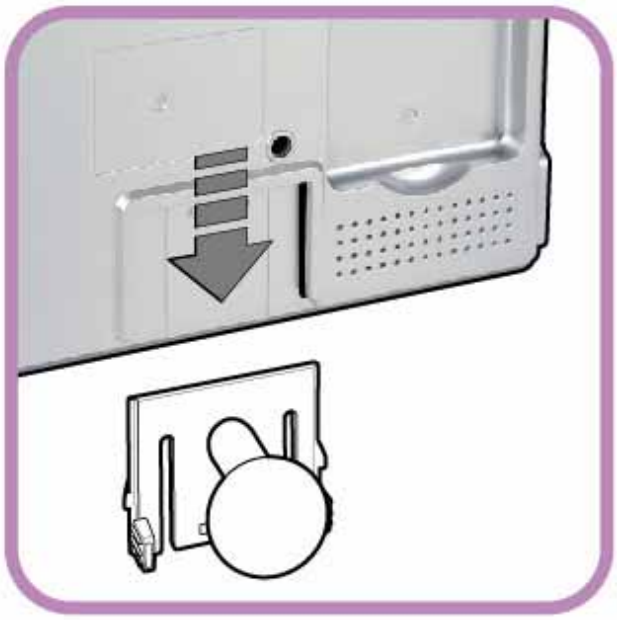
1-3, INSTALATION

1. Insert the SD MEMORY supplied with your device.

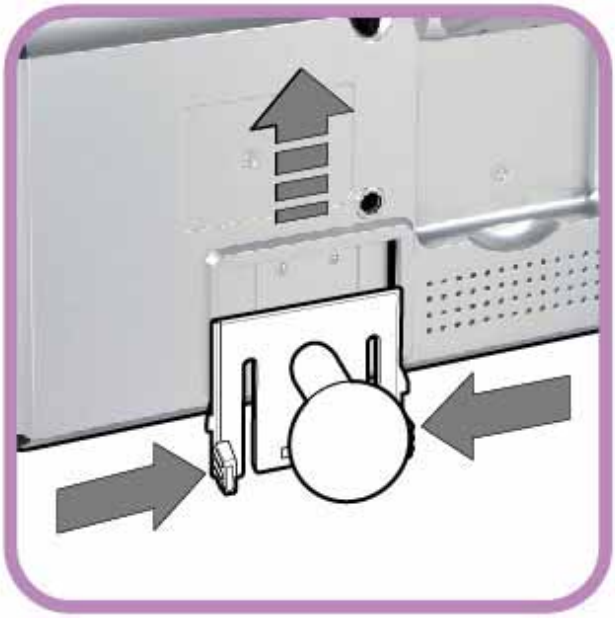
2. Use the navigation holder to fix the device near windshield or dash board.

(A-TYPE)

(B-TYPE)



Divide the navigation holder



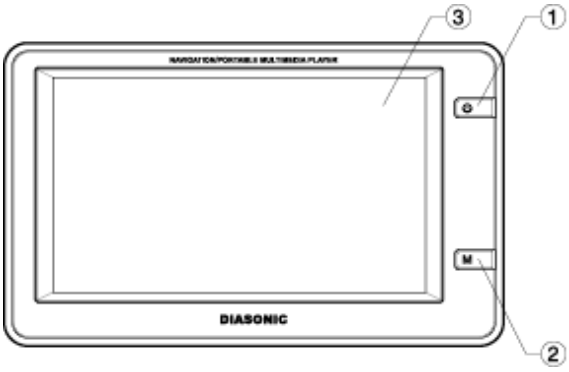
Insert the navigation holder

3. Connect one end of the car charger to the power connector of your device.
   Connect the other end to the cigarette lighter in the car

4. Press the power button.

2. FEATURE & FUNCTION

2-1, FRONT



1. Power ON/OFF

Turns on and off the device

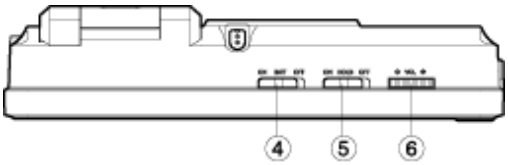
2. Menu key

Go to main menu or previous menu

3. Touch Screen

Display the output of your device. Tap the screen with the stylus to select menu commands or enter information

2-2, TOP



4. Battery ON/OFF

Controls the battery switch. When out of usage, please keep it off.

5. Hold ON/OFF

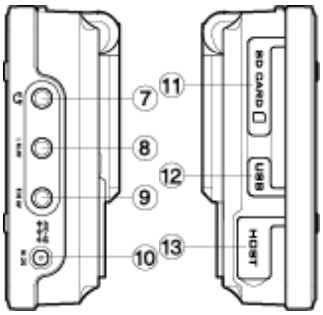
Controls the device (all key lock or unlock).

When you want to have the unit locked, please keep it on.

6. Volume control

Adjusts the volume level of your device.

2-3, SIDES



7. Headphone

Connects to a pair of stereo headphone.

8. AV IN 1

Connects to the external device.

9. AV IN 2

Connects to the additional external device.

10. Power connector

Connects to the AC adapter or the Cigarette jack.

11. SD/MMC SLOT

Accepts a SD or MMC card for accessing data such as Maps, MP3 music and MOVIE files.

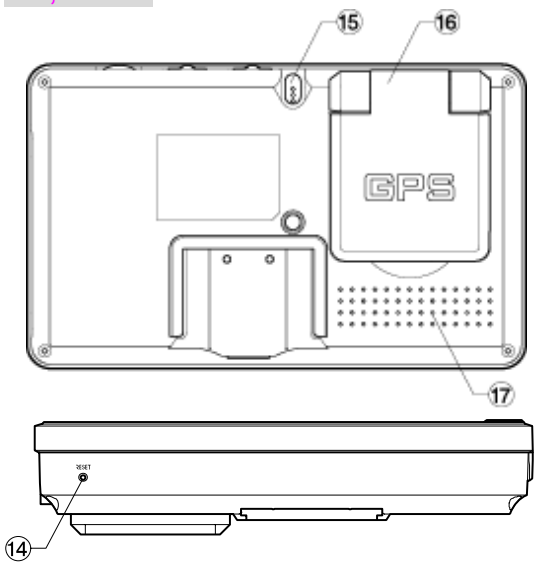
12. Mini-USB

Connects to your computer for data download/transfer.

13. USB Host

DNA-100 can be connected to external HDD or USB Storage as a mobile storage device.

2-4, REAR



14. Reset

Initialize the set.

15. Stylus

Tap on the touch screen to make selections and enter information.

Pull the stylus out of its slot to use and store it in the slot when not in use.

16. GPS antenna

Receive signals from the GPS satellites overhead.

Make sure that it has a clear view of the sky for better GPS Reception Rate.

17. Speaker

Sends out music, sounds and voice

3. Charging the Battery

3-1, AC ADAPTOR

Fully charge the battery before starting to use your device for the first time.

1. Plug the converter to the AC adapter.
2. Connect the DC end of the AC adapter to the bottom of your device.
3. Plug the other end of the AC adapter into a wall outlet.

RED LED	The device is charging in the progress.
GREEN LED	The device is charged fully.
BLINKED LED	The device is not charged battery in the battery off switch.

<LED STATE>

The charge indicator glows red when charging is in progress. Do not disconnect your device from AC power until the battery is fully charged, as indicated by the red indicator turning into green.
This will take a couple of hours

Note

1. When you connect the AC adapter to charge the battery after the battery power has been fully drained, wait for at least one minute before turning on the device.
Depending on your region of purchase, the converter may not look exactly the same as the picture shown.
2. Check the specification of AC Adaptor as to whether it is described as AC 100-230V/DC 5V 2A when you purchase it.

3-2, CIGARETTE JACK

A car holder and a car charger are supplied with your device.

Using the Car Holder

CAUTION

Select an appropriate location for the car holder. Never place the holder where the driver's field of vision is blocked.

The car charger supplies power to your device when you are using the device in a car.

CAUTION

To protect your device against sudden current, connect the car charger only after the car engine has been started.

1. Connect one end of the car charger to the power connector of your device.
2. Connect the other end to the cigarette lighter in the car. The indicator on the car charger lights in green to indicator that power is being supplied to your device.

4. BASIC FUNCTION

1. Touch Screen
2. High-Resolution & Low-Reflection screen makes you see the map clearly in the bright place.
3. You can enjoy multi media such as MOVIE, MP3 and Photo.
4. You can select the language and other menu by using touch screen.
5. You can play the external files through AV IN 1/2.
6. You can download multi media files and upgrade the map through USB.

5. NAVIGATION

5-1. NAVIGATION / Run

	If you power-on, the following menu automatically appeared and automatically execute navigation.

Quick Start

This section will walk you through using your Personal Navigation Device for the first time, acquainting you with the basic operation of the navigation system.

- Switch on the unit and tap on **NAVI** or **NAVIGATION** in the first screen.
- If more than one language is available on your device, you are prompted to choose your language.

After the application loads, a screen with safety precautions will be shown. Please read them carefully. Afterwards, you can choose to hide these notes for future start-ups.
You will be presented an earth view of your country. Please enjoy while you fly over your country and „touch down“ on your current location. (You can also choose to skip this intro by tapping on the screen.)

At the end of your journey, the start screen will be shown.

Start Screen

The start screen is split in two. On the left hand you will find the menu buttons, on the right you see a map with your current GPS position.

> *It is not possible to browse the map in the start screen. This screen merely shows your current GPS position, provided that you have a GPS connection.*

With the buttons on the start screen you access all functions of the application:

- Press **Destination** to choose your destination.

- Press **Settings** to adjust the application to suit your needs.
- Press **Save** to save your current position.
- Press **Exit** to quit the application.

On the bottom of the start screen, the following information will be shown:

- your GPS status
- the number of satellites the system is tracking
- the name of the current street
- your speed
- your elevation above mean sea level

Choose a destination

- Select **Destination** to set your destination.

A menu will open where you can choose a destination:

You have various ways to select your destination:

Address: If you know the city and street address for your destination, simply enter it and the application will guide you directly there. (See Address Search on page 22.)

Favourites: Through **Favourites** you can choose to be guided to your home address (**My Home**) or work address (**My Work**), select a previously saved location (**Bookmarks**) or a recently visited place (**Recent**). (See Favourites on page 26.)

POI: (Points of Interest): Through **POI** you can quickly find points of interest like petrol stations and restaurants and choose them for navigation. Those POIs are chosen from a database of millions of POI, either nearby or at a remote location. You can also search branded travel/city **Guides**, which contain loads of valuable information about attractions, restaurants, hotels, etc. with detailed descriptions. (See POI/Guides on page 29.)

> *Guides are an optional feature and may be purchased at www.navi-plugins.com.*

Map: Another way of choosing your destination is selecting it on the **Map**. (See Map on page 33.)

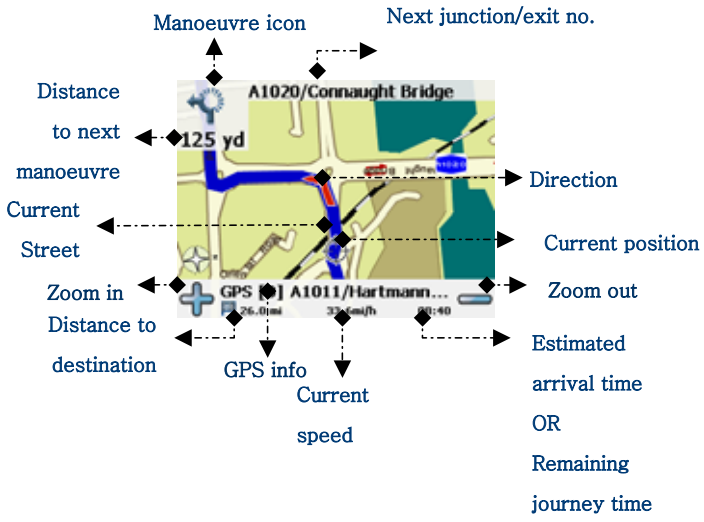
Plan Route: By selecting **Plan Route** you switch to the advanced route planning options. There you may plan your route by choosing multiple stopovers. (See Plan your Route on page 36.)

> *With the back and forward arrows you may always step one level back/forward throughout the whole application.*

Navigation Screen

On the navigation map, the route will be shown in blue. The red arrow will indicate the direction of your next manoeuvre. Crosshairs identify your current position. When you come up to a turn or other manoeuvre, you will hear a voice command at the appropriate time.

For one-way streets, the transit direction is indicated with a red arrow.



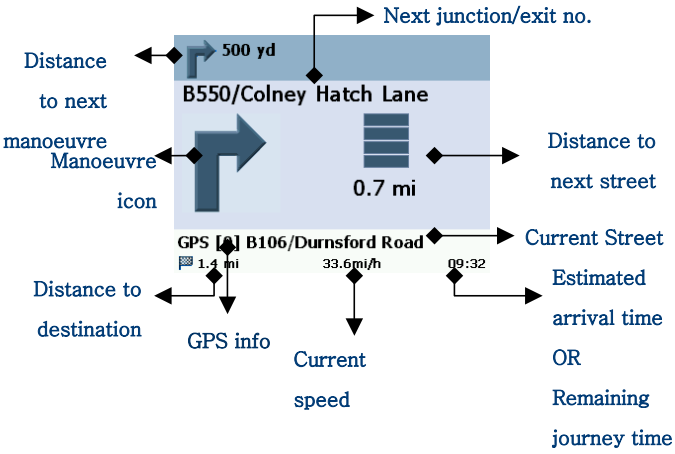
Arrow mode

You can choose to display the navigation screen in a more simple mode, the so called arrow mode. In this mode, only the most

essential information will be shown – like arrows, street names, speed and time information.

- Tap on the screen during navigation to open the navigation options

- Choose **Settings**.
- Choose the **Arrows**/**Map** symbol to switch between map and arrow modes.



Detailed Description

This chapter describes the functions of your Personal Navigation Device in detail. On the following pages you will learn how to

- Choose your destination (see page 22)
- Plan your route (see page 36)
- Configure the application

Choose your Destination

This section describes the different ways of setting your destination. You may search for an **address**, choose a **favourite** (like home and work address, your bookmarks and recently visited locations), browse through **POI** lists and guides and choose an address on the **map**.

Address Search

Through the address search you can perform a search by entering information about the desired target (street and town/city). You may then select a hit from the hit list and start navigating.

- On the start screen, choose **Destination**.
- On the following screen, choose **Address**.

The **Find Address** window will show in the display:

Enter the appropriate data to find your address.

Set the country

- Press **Country** to select your city.
- Choose your country from the list.

The **Country** field will be populated with the name of the chosen country.

Search for the city

- Press **City** to select your city.

The keypad screen will show on the screen:

- Enter the name of the town/city you are looking for (at least three characters).

*Switch between letter and number mode by pressing **123** or **ABC**. Switch between upper case and lower case by pressing ^.*

*If at any point you want to backspace and delete characters, press the backspace button **<-** on screen. To add a space, press the space bar _.*

- Press the search symbol (magnifying glass).

A hit list will be displayed.

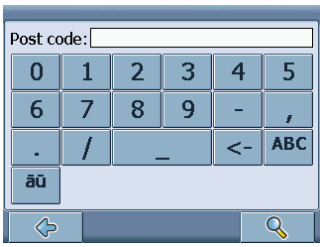
- Choose the appropriate town/city from the list.

You will return to the **Find Address** screen. The **City** field will be populated with the name of the chosen town/city.

Search for the postal code

Instead of the city you may also enter the postal code.

- Press **Post Code Centre** to enter a postal code.



- Enter the post code of the town/city you are looking for.
- Press the search symbol (magnifying glass).

A hit list will be displayed.

- Choose the appropriate town/city from the list.

You will return to the **Find Address** screen. The **City** and **Post Code Centre** fields will be populated with the chosen city/post code.

You can also enter a unique 7-digit postal code. In that case, you do not need to enter a street name. (Optional feature).

Search for the street

Once you have found the city or post code you are ready to look for the street name.

- Press **Street** to enter a street.

- Enter the name of the street you are looking for (at least three characters).
- Press the search symbol (magnifying glass).

A hit list will be displayed.

- Choose the appropriate street from the list.

You will return to the **Find Address** screen. The name of the chosen street will be shown in the **Street** field.

Additionally you may enter the number.

Navigate to the address found

Once you have narrowed down your search to a unique address, you can start navigation.

- Press the forward arrow.

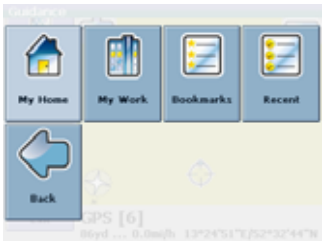
Navigation will start immediately.

Favourites

Use your frequently used or favourite destinations for guidance. You can choose among your home, your work place, a set of personal bookmarks, and recently visited locations.

- On the start screen, choose **Destination**.
- On the following screen, choose **Favourites**.

The **Favourites** menu will show on the screen:



My Home

- Press **My Home**.

Your home address will be displayed on a map:

- Choose **Menu**.
- On the following screen, choose **Navigate** to be guided to your home address (press **Change** or **Delete** if you want to change/delete your home address).

Navigation will start immediately.

If no home address has been set, you are prompted to do so. You can choose it by searching for an address, through your current GPS position or by choosing a recently visited location.

My Work

- By pressing **My Work**, your work address will be displayed on a map.

- Choose **Menu**.
- On the following screen, choose **Navigate** to be guided to your work address (press **Change** or **Delete** if you want to change/delete your work address).

Navigation will start immediately.

> *If no work address has been set, you are prompted to do so. You can choose it by searching for an address, through your current GPS position or by choosing a recently visited location.*

Bookmarks

The bookmarks list contains the destinations you have saved as favourites (from the guides, by choosing it on a map, etc.). This means that you do not need to perform repeated searches for those destinations.

- Press **Bookmarks**.

The bookmark list will show on the screen:

Use the up and down arrows to scroll up and down in the list.

- Select an item by clicking on it.

- On the following screen, choose **Navigate** to be guided to your bookmark (press **Rename** or **Delete** if you want to rename/delete your bookmark).

Navigation will start immediately.

> *All user information like e.g. settings, bookmarks and recently visited locations will be stored on the memory card and not on the device.*

Recent

By pressing **Recent** a list of recently visited or looked-up destinations will be opened.

- Press **Recent**.

The list of recent items will show on the screen:

Use the up and down arrows to scroll up and down in the list.

- Select an item by clicking on it.

Navigation will start immediately.

POI/Guides

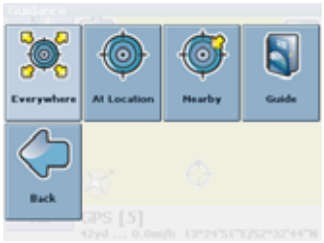
With the POI finder you can quickly find points of interest like petrol stations and restaurants that are chosen from a database of millions of POI, either nearby or at a remote location.

Within the **POI** menu you will see the guides, an optional and highly recommendable feature. Branded travel/city guides will help you to find out what is nearby and will give you valuable information about attractions, restaurants, hotels, etc. with detailed descriptions.

POI

- On the start screen, choose **Destination**.
- On the following screen, choose **POI**.

The **POI** menu will show on the screen:



- Press **At location** to look for POIs at a remote location. You need to enter a city or postal code through the keypad, similar to the address search (see Address Search on page 22).
- Press **Nearby** to open a list of POIs near your current location.

> *By pressing **Everywhere** you can perform an overall search, encompassing the whole POI directory as well as all guides.*

A menu showing the POI categories will be shown:

- Press on the desired POI category.

A menu with subcategories will be shown.

- Choose a subcategory.

A list of POIs will be shown.

- Select a POI by clicking on it.

- On the following screen, choose **Navigate** to be guided to the POI (press **Info** to show further details about the POI; press **Map** to show the POI on the map; or press **Save** to save the POI as a bookmark).

Navigation will start immediately.

Guides

Within the POI menu you will see the guides, an optional and highly recommendable feature. Branded travel/city guides will help you to find out what is nearby and will give you valuable information about attractions, restaurants, hotels, etc. with detailed descriptions. You may use the items contained in the guides for navigation or save them as bookmarks.

Guides are an optional feature and may be purchased at www.navi-plugins.com

- On the start screen, choose **Destination**.
- On the following screen, choose **POI**.
- Choose **Guide**.

The guide list will be shown:

- Select the guide you wish to use by clicking on it.

The categories page of the chosen guide will be displayed:

You can now browse the guide by categories or search the guide.

Search the guide

- Press the search symbol (magnifying glass).
- In the search window, enter a search term (at least three characters), and start searching by pressing the search symbol (magnifying glass).

The hit list will be displayed:

- Select an entry by tapping on it.

On the following menu you can ...

- get detailed information about the selected location by pressing **Detail**.
- explore the location's surroundings by pressing **Map**.
- use the item for guidance by pressing **Navi**.
- save the item as a bookmark by pressing **Save**.

Browse the guide by categories

On the categories page you may select from the different categories of the Guide (e.g. restaurants, hotels, bars, museums etc.).

- Use the up and down arrows to scroll in the list.

Some guides also offer subcategories.

- Click on a category or subcategory to search for relevant items.

The search results will be shown in the hit list, sorted by distance.

- Select an entry by tapping on it.

On the following menu you can ...

- get detailed information about the selected location by pressing **Detail**.
- explore the location's surroundings by pressing **Map**.
- use the item for guidance by pressing **Navi**.
- save the item as a bookmark by pressing **Save**.

Map

The map not only shows roads and squares, but also points of interest such as restaurants, cultural attractions, parking garages, etc. You can zoom out or zoom in to see all kinds of details.

- On the start screen, choose **Destination**.
- On the following screen, choose **Map**.
- Choose **Guide**.

The general map will now be shown in the display:

Functions of buttons

Discover your surroundings by dragging the map with your finger (or with the pen).

If available, you may also use the joystick on the device!

- Point at the symbol of a location to display its name.
- Use the scroll bar on the right to zoom in (down) or out (up).
- Use the symbol in the bottom right-hand corner of the map to toggle between 2D and 3D view.
- With the compass icon (in the bottom left hand corner) you may adjust the orientation.

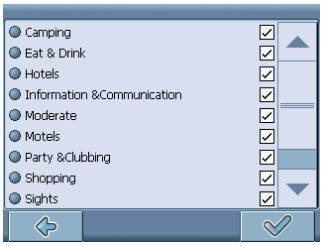
By pressing the menu symbol (bottom right-hand corner of the screen), you can access to further options, like saving the actual location as a bookmark, moving to the actual GPS position, navigating to the selected location, searching for an address, and accessing to a bookmark or a nearby point of interest. You can also change your settings:

Map settings

- Press the menu symbol below the map.
- On the menu displayed, press **Settings**.

The map settings menu will be displayed:

- Toggle between night and day modes by pressing the corresponding symbol.
- Toggle between 2D and 3D mode by pressing the corresponding symbol.
- Choose **Info Layers** to choose which kinds of elements are to be shown on the map:



- Check the boxes of any category you want to have displayed on the map. Uncheck those that should be hidden.
- Press the confirmation symbol in the bottom right-hand corner to select/deselect all categories.
- Press the arrow symbol to return to the map.

It is not possible to browse the map in the start screen. This screen merely shows your current GPS position, given you have a GPS connection.

Plan your Route

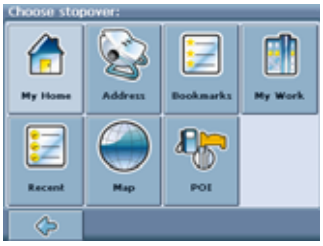
This section describes the route planning feature. This feature allows you to plan your route in advance, choosing multiple stopovers along your journey.

- On the start screen, choose **Destination**.
- On the following screen, choose **Plan Route**.

The **Destination List** will be displayed:

- Press the **+** symbol to add a stopover.

You will switch to the **Choose stopover** screen. You may choose stopovers like your home or work addresses, a bookmark, a point of interest, a recent location or by searching for an address or pinpointing a destination on the map.



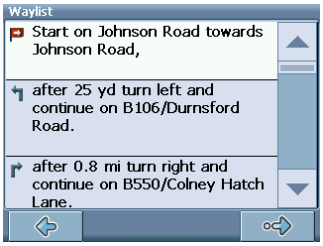
Once you have added stopovers (with the **+** symbol) and returned to the **Destination List**, you have several options:

- With the **+** symbol you can choose additional stopovers.

- To change the order of the stopovers, select a stopover and then use the up and down arrows to move it up/down in the list.
- With the trash symbol you can delete a selected stopover.

Once you have chosen your route, you have several options. You reach those options by pressing the menu symbol (bottom right-hand corner of the screen).

- Press **Simulate** to simulate the route to come.
- Press **Start Navi** to start guidance. The display will switch to the navigation map.
- With **Routing** the system will calculate your route. The **Route Summary** will be displayed. Tap on one of the items in the **Route Summary** to display the **Waylist**. Tap again to show the map view.



Settings

You can configure your Personal Navigation Device to suit your needs. When it comes to navigating, you can, for example, choose to avoid or allow toll roads or ferries or select your mode of transportation, like a fast or slow car, a scooter or even your own feet. You can also edit several display settings, like 2D or 3D mode, day or night mode, map complexity, etc.

- On the start screen, choose **Settings**.

The settings screen will be shown:

Guidance Settings

- Choose **Guidance** to change the guidance settings.

The window with the guidance settings will be displayed:

If you have purchased additional features (see Optional Features on page 41), like TMC, SpeedCam Alert or Route Recording, you can switch them on or off through this menu.

- To switch between the modes just touch the icons. These will toggle so you can quickly see the activated settings.

You can choose among the following options: Mode of transportation (fast car, slow car, motorbike, pedestrian, etc.), fastest or shortest route, allow or avoid toll roads, motorways, and ferries. You can also choose the distance unit (miles/kilometres).

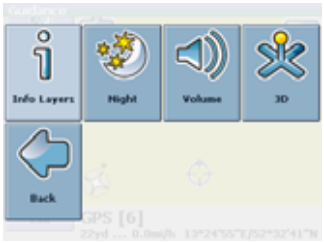
The London Congestion Zone in Central London is regarded as a toll road by your navigation system. Therefore, if you choose to avoid toll roads, you will not be guided through this zone. However, there will be no warning if you enter this zone accidentally.

Once you have chosen your settings, press the confirmation symbol to return to the main menu.

Settings (General Settings)

- Choose **Settings** to change the general settings.

The windows with the general settings will be shown:



- Press **Info Layers** to adjust the complexity of the map, i.e. to select which items are to be shown on the map (see Map on page 33).

The other settings include switching between day and night as well as 2D and 3D mode and adjusting the **Volume**.

- Press **Back** to return to the start screen.

Language

Choose **Language** to select the language of your navigation system.

Map

If you have map data for different regions/cities on your memory card, tap on the name of the current region (e. g. London). All available maps on the memory card will be listed. You can choose the desired region by simply tapping on its name.

Change settings during navigation

- Touch the screen during guidance to open the settings screen:

Here you will find the following items:

Settings

Open a menu with general settings, as described in Settings (General Settings) on page 38. Additionally you can toggle between map and arrow mode for guidance.

> *When you change to the arrow mode, the navigation screen will not show the map but only an arrow indicating the upcoming manoeuvre.*

Guidance

Change the guidance options, as described in page

Alt. route:

With this option, you can choose to block the calculated route for a given distance (e. g. 0.5 km) and force an alternative route. Simply tap on the icon which shows the desired distance. Your route will be recalculated, and the previous route will be discarded for the given distance.

Save

Save your actual position as a bookmark.

Traffic Info

Show a list of traffic jams. Traffic jams along your route will be displayed in red.

Nearby

You can redirect your route by choosing a point of interest (POI), like a petrol station.

> *All user information like e.g. settings, bookmarks and recently visited locations will be stored on the memory card and not on the device.*

Optional Features

You can further enhance your Personal Navigation Device through a set of optional features. The following features are available as options for your navigation system:

- Guides
- Route Recording
- Speed Camera Alert

Guides

At www.navi-plugins.com you can find lots of valuable information services, including directory services, WiFi hotspot locators, and city guides. City guides contain detailed information about locations, such as descriptions, contact information, prices, opening times, etc.

To purchase the guides and to learn how to download them, please go to www.navi-plugins.com.

To learn how to use the guides, see POI/Guides on page 29.

Route Recording

The route recording function enables you to record your routes. You may save your traces and import them in all kind of NMEA programs. By that you can e.g. document your trips.

- To do so, tap the display during navigation and select **Record On**.

The button will toggle to **Record out** and will store your route until you tap on it again.

- Press the back arrow to step back to the navigation screen.

Speed Camera Alert

With the speed camera function you can choose to detect and display speed cameras along your way.

- On the start screen, press **Settings** and then **Guidance**.
- Press **SpeedCam** until the SpeedCam icon appears in its activated state.

In the event that speed cameras are located on your journey a warning will be received. For each camera you will receive two alerts. Each alert consists of an audible beep and a message displayed on screen telling you the camera type and distance from it.

smart2go™ Setup Assistant

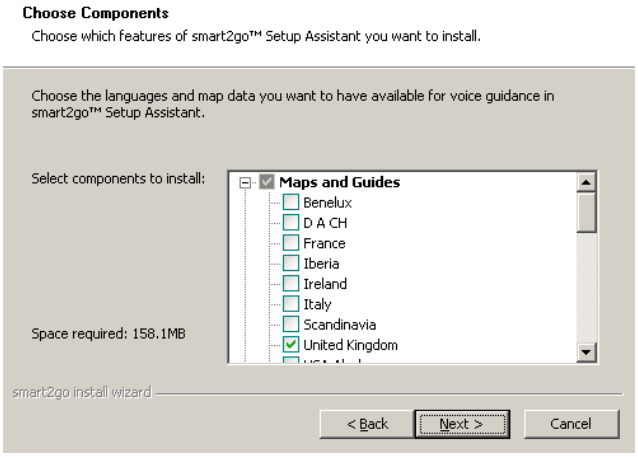
With the smart2go™ Setup Assistant you can choose and save your map and guide data on a memory card for use with a supported handheld device. The smart2go™ Setup Assistant installs those data on the memory card, together with the program files of your navigation software and the voice files for guidance.

- Place the supplied CD or DVD in the CD/DVD slot of your computer. The Setup Assistant will pop up automatically.
- Select the language of the installation program, and press **OK**.

You will see the welcome page.

- Please read the End-User License Agreement and accept it by clicking **I Agree**. If you do not accept the terms of the End-User License Agreement, click **Cancel** to exit the Setup Assistant.

- Please choose the regions whose map and guide data you want to copy to your memory card. Choose also the voice files used for guidance, and click **Next** to install the files.



On the left, the space required for the data on your memory card will be shown. Please make sure that there is enough space left on your memory card.

You are prompted to insert your memory card into your card reader. If your system cannot determine the path to your memory card automatically, you are prompted to enter it manually.

The selected data will be copied to your memory card. Please do not close the smart2go™ Setup Assistant nor remove your memory card until the data transfer process is completed and you are prompted to do so.

Please keep in mind that the smart2go™ Setup Assistant will override all map data contained on your memory card. Your preferences, including personal bookmarks, as well as your premium content (e. g. Guides) remain unaltered.

Frequently Asked Questions

I can't find an address.

Please make sure you have correctly spelled your entry. If you do not know how an address is spelled correctly, simply enter the parts of the address, you know for sure (e.g. "Lond", "Leic" for Leicester Square in London). Then browse in the result list and look for the address. Also make sure that the city in which you are looking for an address is correct. Sometimes the official postal address differs from the address you are looking for. In that case, search for an address nearby that you know of and browse on the map.
If you find the address on the map but you can not find it while searching for it, please let us know via pnd@support.gate5.net.

There is a failure in the map / POIs are missing.

If you detect an error in the map data (e.g. a street is missing completely), we would like to inform our map data provider. Please let us know via pnd@support.gate5.net.

I have problems to get a GPS fix.

If you have problems getting a satellite fix with the GPS (you can see how many satellites are being received on the main menu at the bottom left) please make sure, that you are outside and the GPS antenna has a good visibility to the open sky. Some models also do support an additional external active antenna. Please also consult with the hardware manual of your device to get further information of how to obtain a GPS fix.

Where can I get technical support?

Please contact the manufacturer or your retail store.

Where can I get software updates?

Please contact the manufacturer or your retail store for information about software updates.

Where can I get additional maps and guides?

Please visit the download shop at www.navi-plugins.com.

6. MEDIA

6-1. MEDIA / Run

If you power-on, the following menu automatically appeared.

Press the MEDIA button on main menu to use multimedia functions of MOVIE, MP3 IMAGE and SLOT

6-2. MEDIA / MOVIE / Run

Press MOVIE button from MEDIA menu to run the MOVIE player.

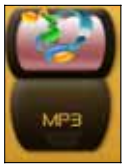
6-3. MEDIA / MOVIE / Screen Descriptions

Then you can see the following Display on the Screen

The control panel will appear on the screen where you can easily control the Movie player by tapping the control buttons.

Buttons	Descriptions
	Play previous file or next file.
	Play and pause selected MOVIE FILE.
	Stop selected playing the MOVIE FILE.
	Displays the saved play list.
	Changes the playing screen to full screen. Once you click any part of the Screen, you can see the control Menu on the Top
	MUTE ON/OFF.

6-4. MEDIA / MP3 / Run

	Press MP3 button from MEDIA menu to run the MP3 player. 

The control panel will appear on the screen where you can easily control the MP3 player by tapping the control buttons.

6-5. MEDIA / MP3 / Screen Descriptions

Buttons	Descriptions
	Play previous file or next file.
	Play and pause selected MP3 FILE.
	Stop selected playing the MP3 FILE.
   	Plays the selected file only one time. Repeats selected file. Repeats all the files.
	Up or down the VOLUME.
	MUTE ON/OFF.
	Move to the top or the bottom of PLAY LIST.
	Move to previous file or next file in the PLAY LIST.

6-6. MEDIA / IMAGE / Run

	Press the IMAGE button from the MEDIA menu to run the IMAGE viewer.

The control panel will appear on the screen where you can easily control the Image player by tapping the control buttons.

6-7. MEDIA / IMAGE / Screen Descriptions

Buttons	Descriptions
	Play previous file or next file.
	Proceeds slide show of files in the image folder and stops the slide show
	Set the next file sliding value setting of slide show.
	Displays the IMAGE FILE LIST.
	Displays the images to full screen. Click the screen to change to previous mode.

6-8. SETUP / OPEN Screen Descriptions

Increases second

Decrease second

Save setting

Select category

Cancel

Up/down

6-9. MEDIA / SLOT / Run

Press the SLOT button from the MEDIA menu to select media device.

6-10. MEDIA / SLOT / Screen Descriptions

Buttons	Descriptions
	Selects the SD MEMORY
	Selects the USB HOST.

*USB Host 1.1: If you connect External USB Memory or HDD into USB Host Jack, you can listen to MP3 Music or Movie file on the Unit but it might be that some of files or peripherals cause the compatibility issue.

7. AV-IN

7-1. AV-IN / Run

	Press the AV-IN button from the main menu.

7-2. AV-IN / Screen Descriptions

Buttons	Descriptions
	AV-IN 1
	AV-IN 2
	Full Screen

The control panel will appear on the screen where you can easily select the AV IN 1 or AV IN 2 by tapping the control buttons.

8. OPTION

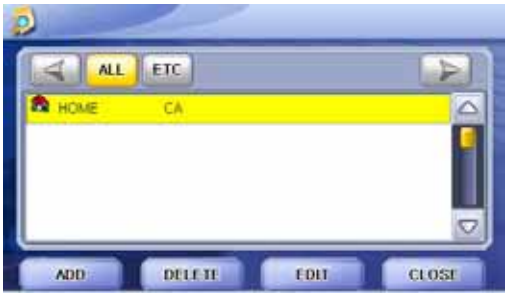
8-1. OPTION / Run

Press the OPTION button from the main menu to use Address book, Car Account Book, FMTx and KEY SOUND

8-2. OPTION/ ADDRESS BOOK / Run

Press the ADDRESS BOOK button from the OPTION menu to run the Address Book.

8-3. OPTION/ ADDRESS BOOK / Screen Description (Basic: English, Option :European Language)



Registered name will appear according to alphabet.

Register the new address.

	Enter the selected key.
	Enter the selected number key.
	Enter the selected OK key.
	Enter the selected symbol key.

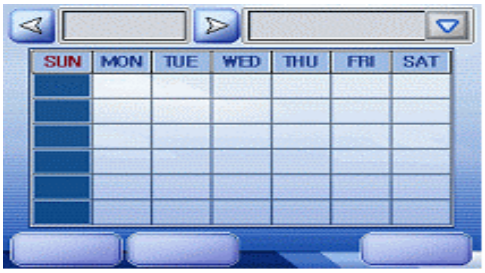
	Add the selected address.
	Delete the selected address.
	Revise the address.

8-4. OPTION/ CAR ACCOUNT / Run

Press the CAR ACCOUNT button from the OPTION menu to run the car account book.

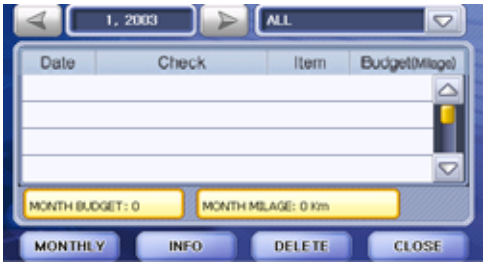
8-5. OPTION/ CAR ACCOUNT / Screen Descriptions (Basic: English, Option: European Language)

Click the space and type Car name, Insurance company and total driving distance.



Monthly expense list: Input the expense.

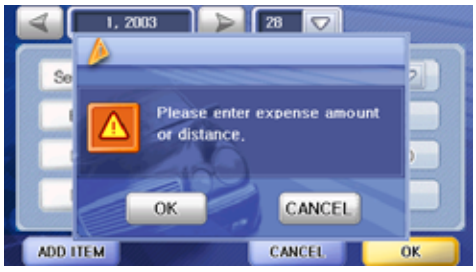
Manage item list: Select the item.

	Itemized list.
	Check Itemized list.
	Delete the selected Item.
	Edit the selected Item.

	Seek the selected calendar.
	Display the selected item in the calendar.
	Itemized list.
	Add the selected contents.

	Add the selected Item.
	Enter the selected key.
	Enter the selected number key.
	Enter the item and select OK key.

	Enter changing distance number key.
	Enter changing term number key.
	Add item name.
	Enter the expense contents .

	Enter the milage contents .
	Enter the gas liter contents. .
	Enter the expense or distance contents.
	Scroll the selected item.

8-6. OPTION/ FMTx / Run

	Press the FMTx button from the OPTION menu to run FMTx.

8-7. FMTx / Screen Descriptions (Optional)

Buttons	Descriptions
	Turn Power ON / OFF.
	Decreases the frequency.
	Increases the frequency.
	Displays the current frequency.
	Select channel to store the current frequency or calls the stored channel.
	Saves the setting changes.

A built-in FM Transmitter makes you enjoy music in the car by tuning radio frequency.

*Note: End-User takes legal responsibility for using FM-Transmitter in any cases.

8-8. KEY SOUND / Run

KEY SOUND ON setting	KEY SOUND OFF setting

You can control Key sound on/off

9. SETTING

9-1. SETTING / Run

	Press the SETTING button from the main menu to change the VOLUME, BRIGHTNESS, LANGUAGE and TOUCH settings.

9-2. SETTING / Selection Categories

	This is the SETTING selected screen.

The Setting screen containing four buttons will appear as shown below.

The following sections describe these four buttons.

9-3. SETTING / VOLUME / Run

You can change the volume as follows.

VOLUME DOWN.

VOLUME UP.

9-4. SETTING / BRIGHTNESS / Run

You can change the brightness of the screen as follows.

Decreases the brightness.

Increases the brightness.

9-5. SETTING / LANGUAGE / Run

You can change the screen language.

Set the language to KOREAN.

Set the language to ENGLISH.

Set the language to FRENCH.

Set the language to SPANISH.

Set the language to GERMAN.

Set the language to ITALIAN.

9-6. SETTING / TOUCH / Run

You can compensate the touch screen

Carefully press and briefly hold stylus on the center	Tap and hold the center of the target.
Of the target.	When the target moves to another position,
Repeat as the target moves around the screen.	Tap and hold again. Repeat the same step
Press the Esc key to cancel.	To Complete the adjustment.

You can adjust the touch screen if it is not responding accurately to your stylus taps.

10. ACTIVE SYNC

Microsoft ActiveSync 3.8

Brief Description

If you want to upgrade MAP software into SD Card /Flash Memory or download the file Such as MP3/Movie File. you can do it with SD Card Reader or Active Sync Program of Microsoft as follows.

http://www.microsoft.com/downloads/details.aspx?familyid=D2645C21-8A85-45A2-8D13-653BEB6CDDDC&displaylang=en

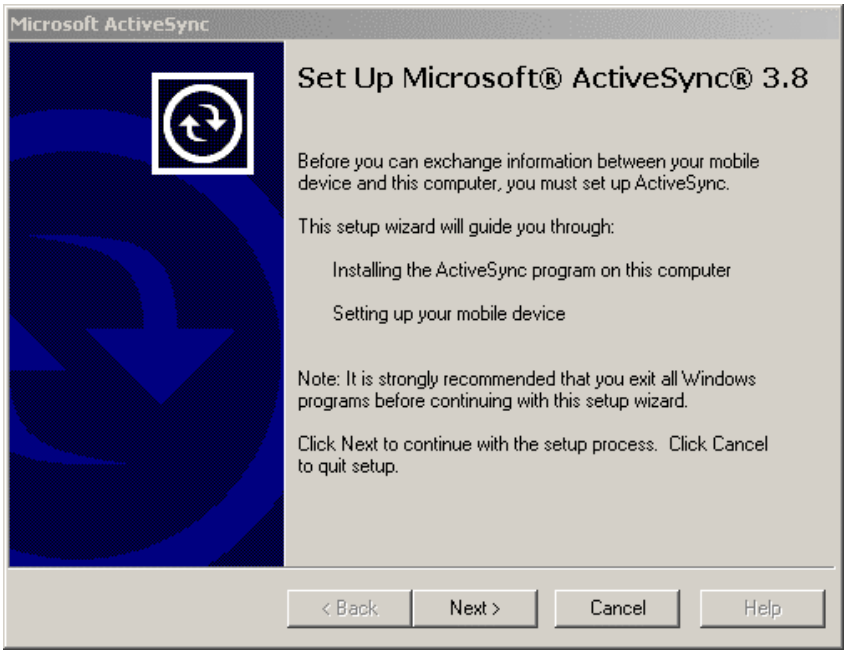
Instructions

In the **File Download** dialog box, do one of the following:

- To start the installation immediately, click **Open** or **Run this program from its current location**.
- To copy the download to your computer for installation at a later time, click **Save** or **Save this program to disk**.

Installation Method

Please go ahead with following procedure



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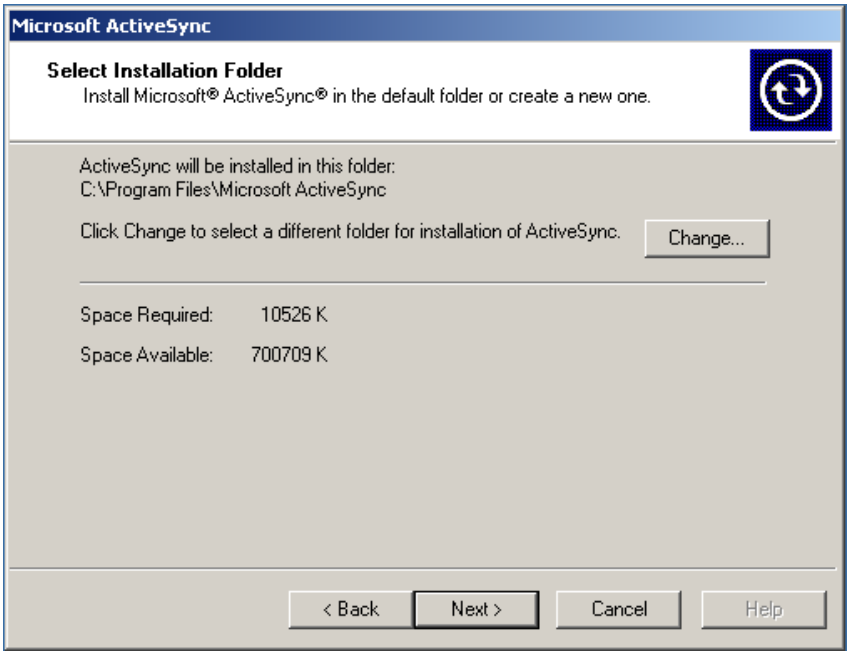

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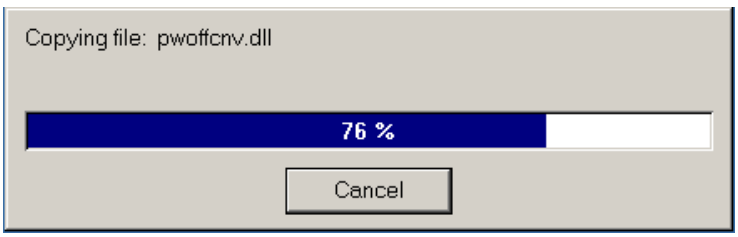

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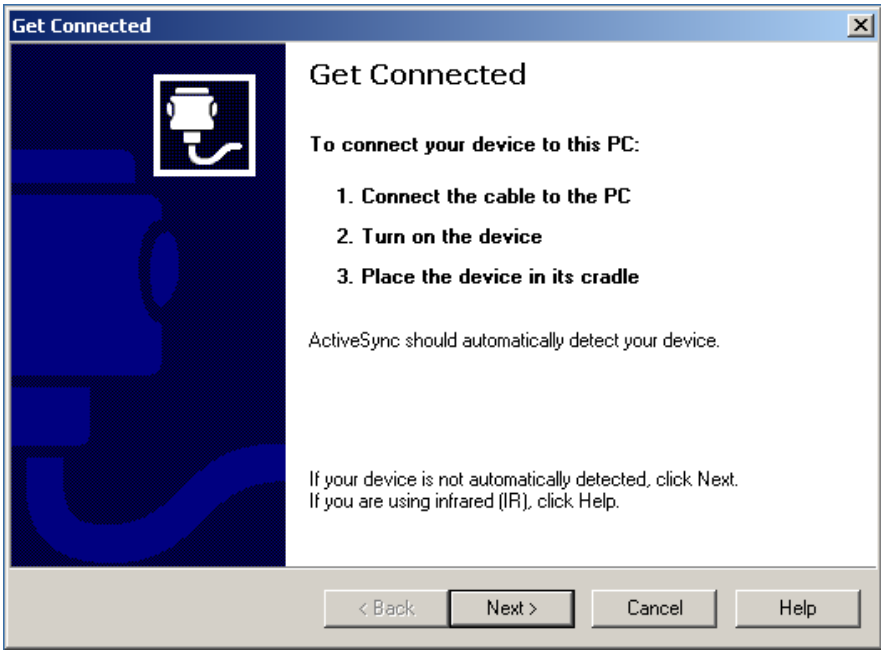

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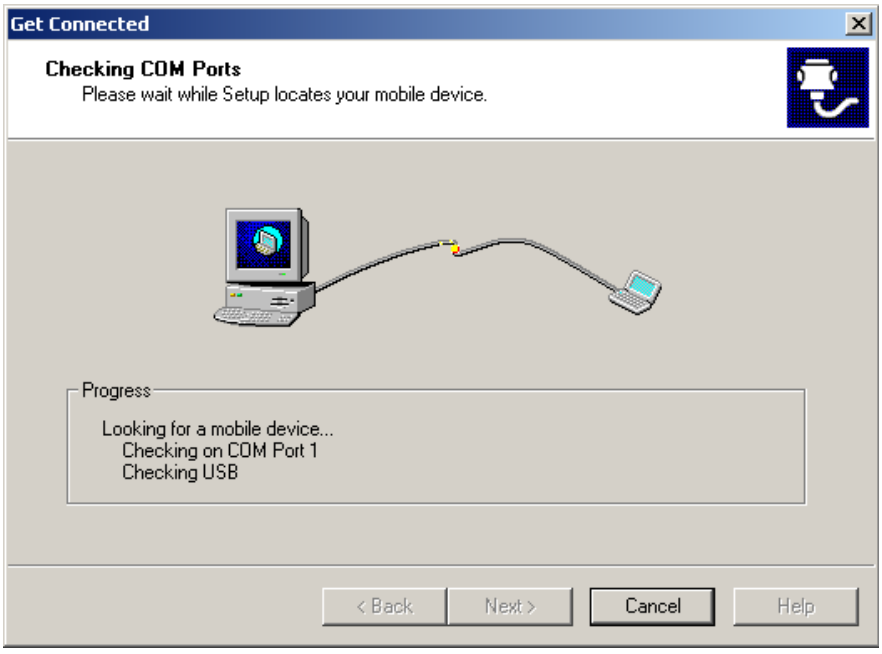

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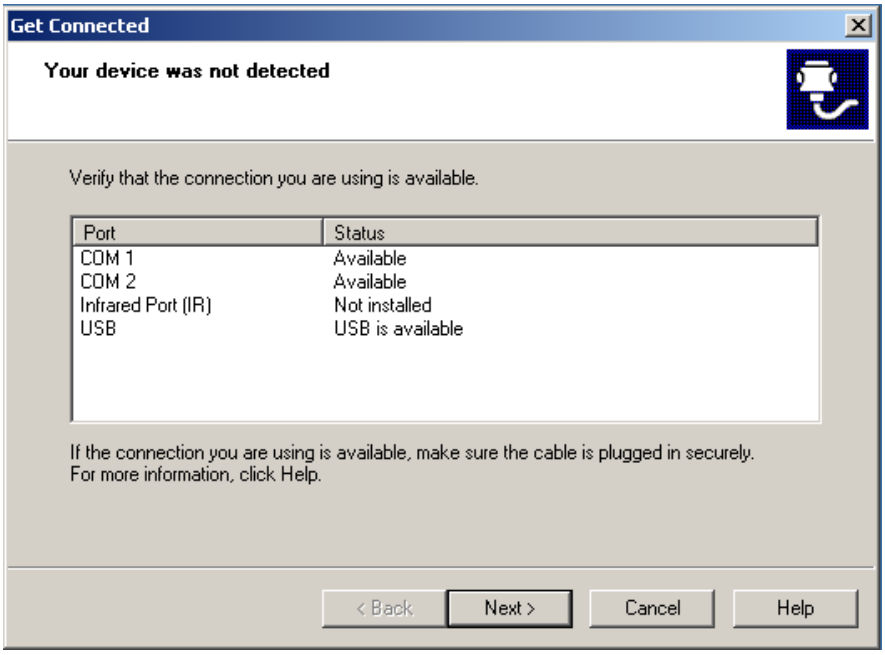

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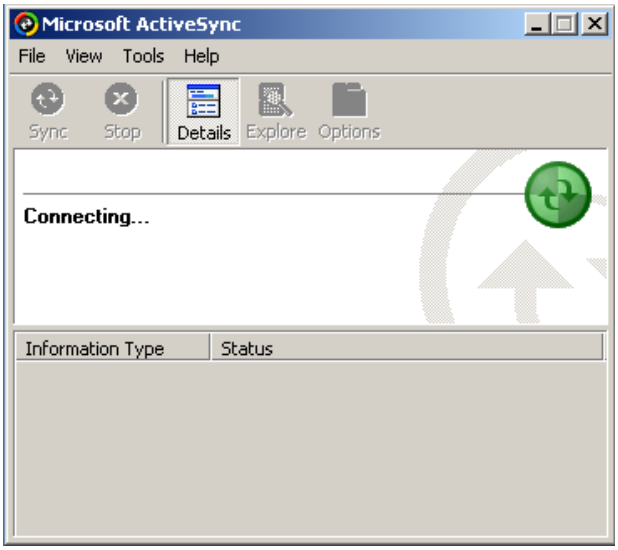

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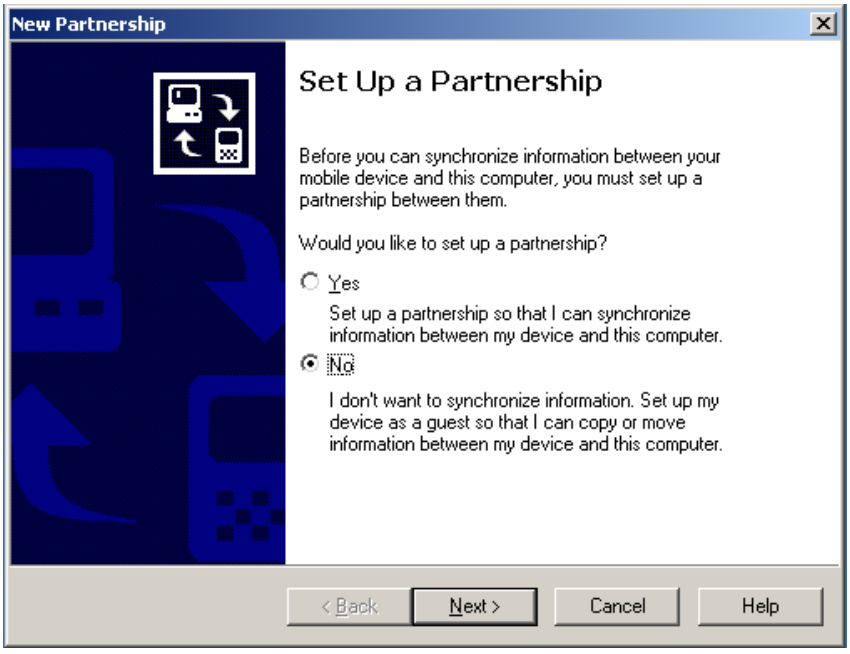
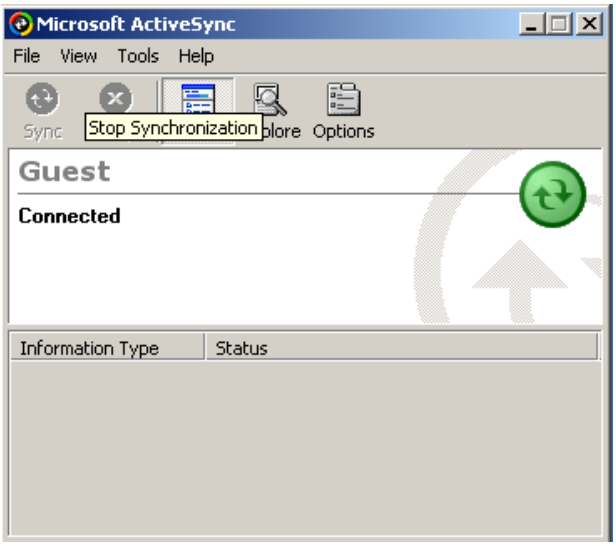


Select NEW PARTNERSHIP as “NO” and then Next Picture appears.



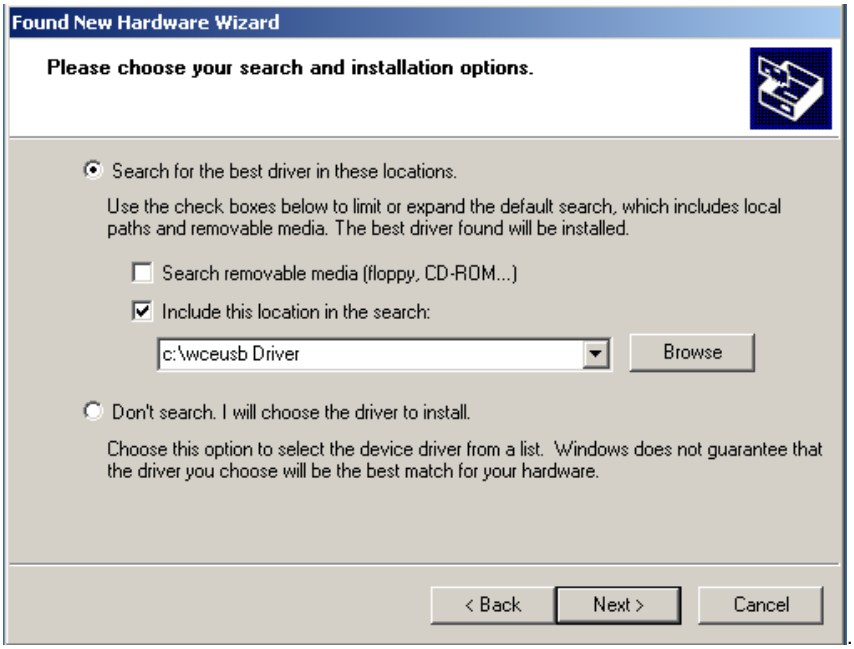
ACTIVE SYNC IS EXECUTED

USB DEVICE DRIVER SET UP

Installing method of supported CD driver program

-Please go ahead with following procedure

NEXT PAGE



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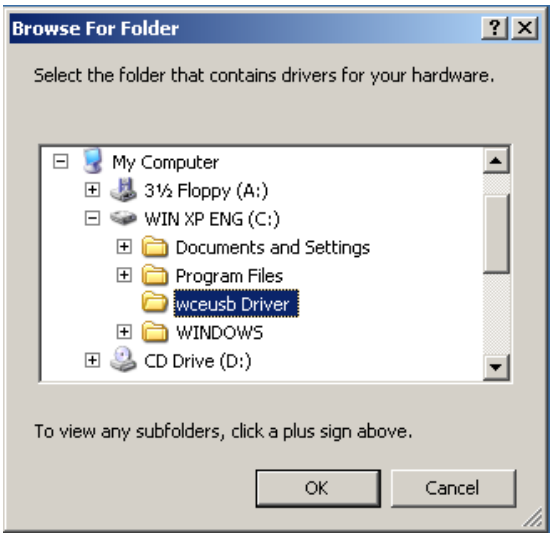

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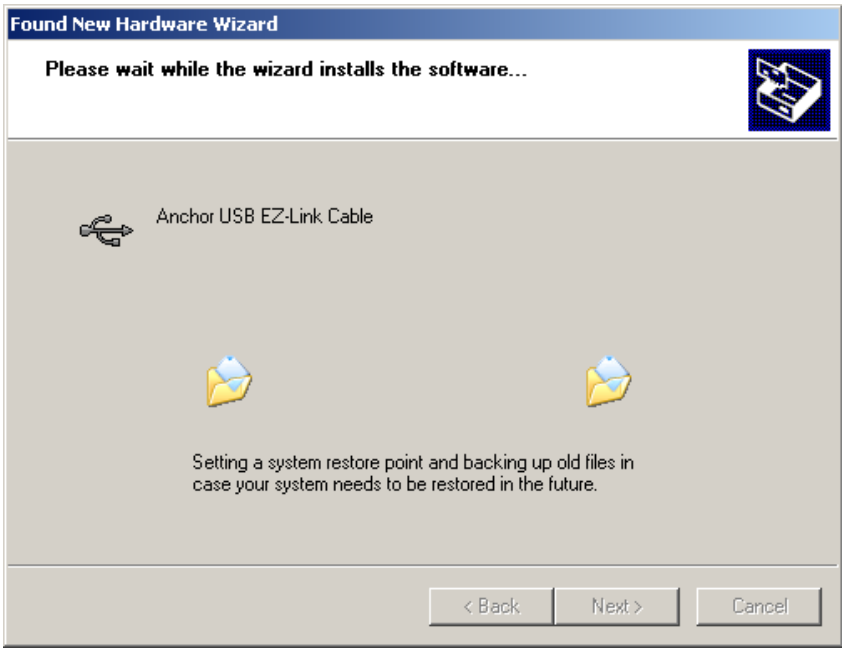

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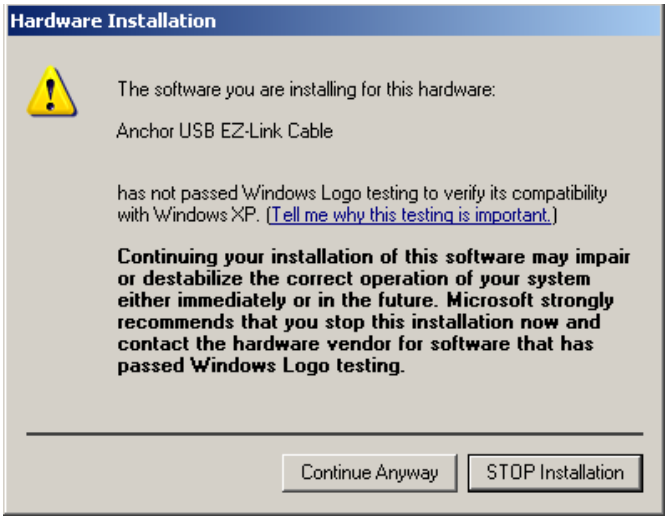
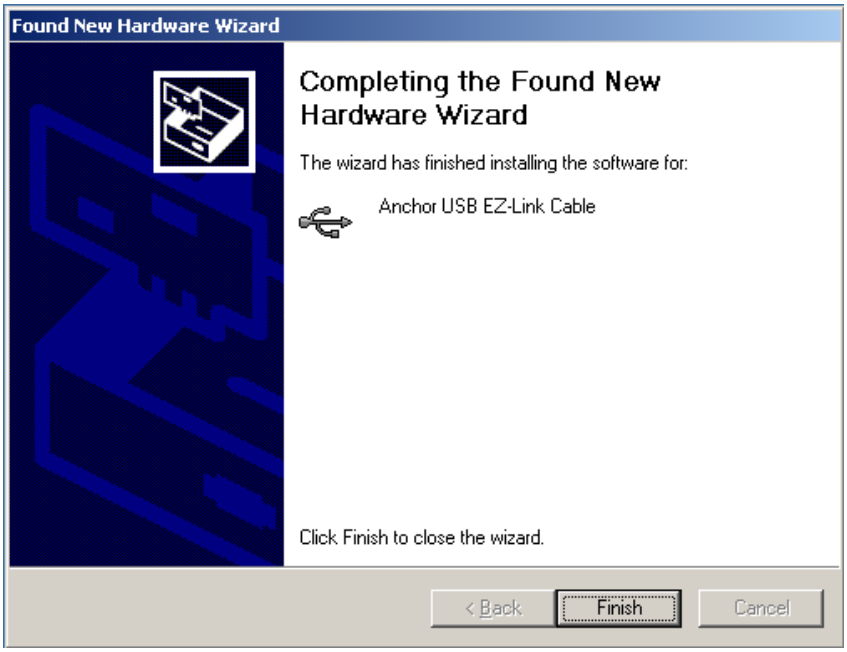


Click “Continue Anyway”



DNA-100 Device was installed.

11. TROUBLE SHOOTING AND MAINTENANCE

TROUBLESHOOTING

Power does not turn on when using battery power

◦ The remaining battery power may be too low to run your device. Connect the AC adapter to your device and to external AC power. Then, Turn on your device.

◦ Make sure that Battery switch located on the top of the device is on.

Screen Problems

Screen is off

If the screen does not respond even after you press the power button, try the following in order until the problem is solved.

◦ Connect the AC adapter to your device and to external AC power.

◦ Reset your system.

Screen responds slowly

◦ Make sure that your device is not running out of battery power. If the problem still exists, reset your system.

Screen Freezes

◦ Reset your system.

GPS Problems

When there are no valid signals available, you need to consider the following.

◦ Make sure that the GPS receiver is adjusted to the horizontal position and it 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 device in the car
- Window tint of the car's windshield
- In tunnel or underpass
- When guiding the flat ground on the high revel road

SPECIPICATION

OS		WinCE 4.2 NET	REMARK
MEMORY	SDRAM	64MB	
	NAND	64MB	
CPU		ARM9	
DISPLAY		4.3" WIDE TFT LCD	
RESOLUTION		480*272	
EXTEND SLOT		SD/MMC CARD	UP TO 2GB
I/O PORT		USB DEVICE / USB HOST(1.1) EARPHONE AV IN 1,2	

AUDIO OUTPUT	BUILT IN SPEAKER FM TRANSMITTER	2W x 8Ohm 88.1MHz ~ 99.9MHz
POWER SOURCE	INTERNAL Li-Polymer BATTERYPACK EXTERNAL AC ADAPTOR /CIGARETTE JACK	2550mA DC 5V 2A 12V ~ 24V
LANGUAGE	MULTIPLE LANGUAGES SUPPORT	ENGLISH,GERMAN,SPAIN, ITALIAN,FRANCE,KOREA
DIMENTIONS	147.5(W) x 82(H) x 34.8(D)	
WEIGHT	200g	

11. WARRANTY (WARRANTY CARD)

4.3 " Wide Portable Navigation & Multimedia Player

MODEL: DNA-100

The Term of Guarantee: 1 year

Date of Purchase: . .

Purchaser	Name	
	Address	
	Telephone	
Seller	Name	
	Address	
	Telephone	

Free repair regulation

We offer free repair service for product that malfunction under normal use, up to 1year from the original purchase date.

If breakdown occurs during warranty period, mail product and the warranty card. Warranty will be invalid if purchased date, purchase price and place of purchase are missing from the receipt. Please check and if the information is not written on the product, refer to customer service at Diasonic Technology Co., Ltd.

This warranty will not be reissued, so keep it safely

1. Our product has gone through strict quality control and inspection.
2. If breakdown occurs from normal condition during warranty period, you may receive free repair from our customer service department.
3. Even during warranty period, following situation will not grant free repair service.
   - ① If you do not have a warranty card.
   - ② If purchased year, month, day, name of customer and sales market are not written on the warranty card, or if written information is modified.
   - ③ Breakdown or damage by mishandling of user.

④ Breakdown or damage by users own repair or modification.

⑤ Breakdown or damage caused by fire, pollution and natural disaster.

⑥ Breakdown or damage caused by leakage from battery.

⑦ When accessories (battery) need replacement.

4. This warranty is only applicable to a product purchased through authorized channel owned stores and dealers and to a product that is presented for repair in a country where Diasonic offers the product for sale.

Regulatory Information

FCC compliance Information

This device complies with part 15 of FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and

2. This device must accept any interference received.

Including interference that may cause undesired operation.

Information to User

This equipment has been tested and found to comply with the limits for a Class B digital device, Pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio Frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC WARNING: This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

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