

# **User's Manual**

**odd-i N700D**

### **Thank you for purchasing an odd-i N700D.**

Odd-i is a brand for people who believe in realizing their dreams and who have a different way of looking at things.

Our starting point is the belief that your way of seeing is special - "You see the world differently."

This manual is written to help you to use the various convenient features of the product.  
We recommend that you read this manual before using the product.

## Contents

<b>Introduction</b>		
<b>Safety Precautions</b>		
<b>Before Using the Product</b>	Features	6
	Accessories	8
	Description of Components	10
<b>Using the Product</b>	Installing the Product	13
	Connecting the Product	15
	Turning On/Off the Product	18
	Using Navigation	19
	Using the Overlay Function	20
	Firmware Update	22
<b>Using the Menu Functions</b>	Movie Player	23
	Music Player	30
	Photo Album	40
	File Management	43
	Environment Settings	47
	External Inputs	55
	Rear Monitoring Camera	59
	Vehicle Management	62
<b>Appendix</b>	Specifications	70
	FAQ	75
	Warranty Card	

## Safety Precautions

☞ To use the product safely, follow these instructions.



Be sure to start the vehicle before turning the product on, and turn it off before switching the car ignition off, in order to avoid a potentially damaging voltage surge.



It is recommended to exit all programs before shutting the product down.



Do not remove the SD card or hard disk drive when the product is turned on.



Operating or looking at the product while driving is extremely dangerous. Be sure to operate or look at the product only after stopping the vehicle.



You may have a problem receiving GPS signals when you are driving between high rise buildings.



Install the product so that it does not obstruct your field of vision.

☞ To use the product safely, follow these instructions.



If the volume is too loud you may not be able to hear other vehicles, which is potentially dangerous. Maintain the volume at a moderate level.



A sudden increase in the internal temperature of the vehicle in cold weather may cause moisture formation. If this happens, wait for a while before using the product.



Do not leave the product in a vehicle. There is a risk of theft, and the product may malfunction due to a sudden change in temperature.



Keep the product away from moisture, and do not touch the product with wet hands.



Avoid excessive impact to the product.



Do not attempt to repair or disassemble the product yourself. It may damage the product or cause a malfunction. After-sales service may not be provided when damage has been caused by unauthorized tampering with the product.

### Features in odd-i N700D



#### ① 7 Inch Wide LCD Adopted

The 7 inch (480X234) 16:9 wide LCD screen of the odd-i N700D enables you to enjoy perfect and realistic picture quality. In addition, it enables you to play various content formats by providing a variety of video codec (MPEG1, MPEG4 SP, XVID, MP43, DivX 3.x/4.x/5.x, WMV 7/8/9).



#### ② Ergonomic UI Design Emphasizing Luxury and Convenience

The odd-i N700D employs an easy-to-use UI design with intuitive and fun graphics for easier access to all menus.



#### ③ The Best GPS Navigation Software in Korea, Mappy Adopted

The odd-i N700D has adopted the Mappy for searching and providing Korean nationwide road information. It receives information about your current location from GPS satellites in real-time, and provides audio and graphics information on routes to your destination.



#### ④ Multitasking Support

The odd-i N700D supports the overlay of one video source on top of a second video source, so that you can view them simultaneously. For example, Navigation+DMB, Navigation+Movie Player and Movie Player+DMB are supported.



#### ⑤ Vehicle Management

The odd-i N700D provides a Car Maintenance Account Book function for easier cost management for vehicle maintenance, which includes oil consumption, servicing, and other expenditure.

## Features in odd-i N700D



## ⑦ Rear Monitoring Camera Input Support

The odd-i N700D supports a Rear Monitoring Camera Input Port so that you can view the rear of your vehicle using the camera installed in the vehicle.



## ⑧ External Video In/Out Support

The odd-i N700D has a built-in TV output system so that you can view photos or video on a TV monitor. You can also save video images from the CVBS Video IN port of the odd-i N700D in MPEG4 format and watch it later.



## ⑨ MP3 Player and Easy-to-Use FM Radio Support

The odd-i N700D supports the MP3, WAV, OGG and WMA formats. In addition, it allows you to listen to FM radio through the FM tuner speakers in your vehicle.



## ⑩ File Navigation Support

The odd-i N700D provides functions that enable you to navigate folders and files exactly as in Windows Explorer.



## ⑪ USB Host Function

The odd-i N700D has adopted the USB 1.1 Host function so that you can exchange data with a USB device such as a digital camera or MP3 player.



## ⑫ Removable Disk Support

The odd-i N700D also supports the USB 2.0 Device function that enables quick file downloads.

## Accessories

- ☞ The following parts are included in the product packaging.  
(Parts included may be changed without any advance notice to improve the performance or quality of the product.)

### Basic Package Contents for the odd-i N700D



Main body



Vehicle Cradle



SD Card Reader



Cigar Jack Adapter



SD Card (2GB)



Mando Mappy User Manual



User Manual



- ☞ The following parts are included in the product packaging.  
(Parts included may be changed without any advance notice to improve the performance or quality of the product.)



Wireless Remote Control



Cable for AV, USB Devices



Case

## Description of Components

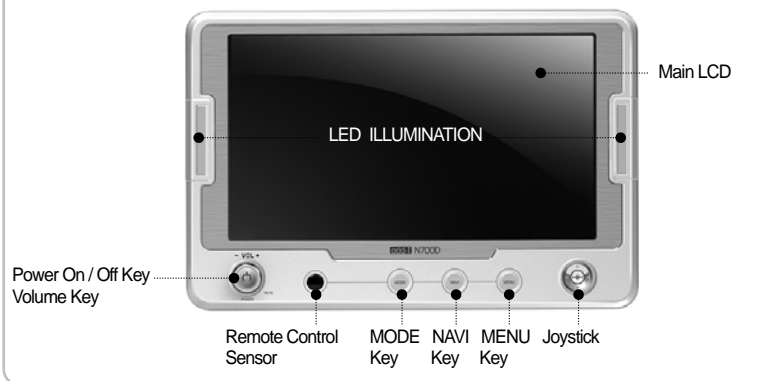
### Top / Bottom



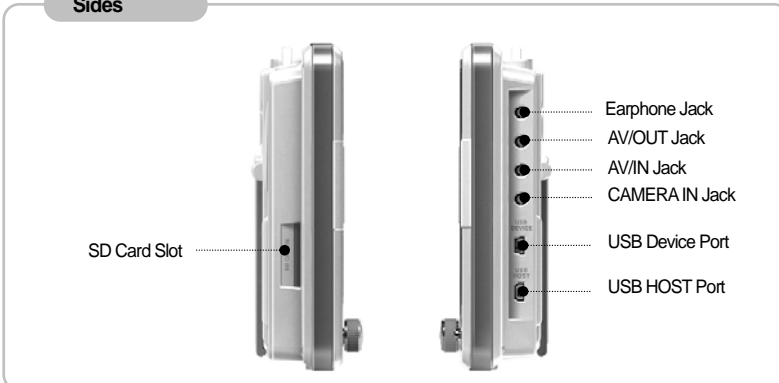
### Rear



## Front



## Sides



## Description of Components

### Wireless Remote Control (Optional)



**Installing the Hard Disk Drive**

1. Turn the main body power off completely and remove the AC power adapter.
2. Pull the HDD Cover out while pressing the catch down.
3. Assemble the hard disk drive and the HDD Cover and fasten the screw.  
Make sure that the hard disk drive is installed the right way round.
4. Slide the hard disk drive in and close the HDD Cover.  
Insert the disk drive smoothly. If you press it in with excessive force, it can get caught.
5. If you have difficulty inserting the hard disk drive, try pressing lightly on the bottom of the rear side of the product.



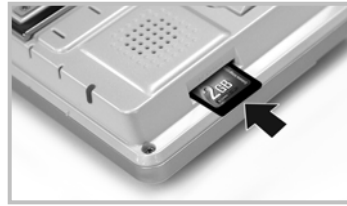
## ※ Note.

- If it cannot be connected properly, do not insert it forcibly. Try sliding it into the main body again.
- Be sure to check the direction of the hard disk drive before inserting it.
- Do not touch the hard disk drive with wet hands, and beware of static electricity when handling it.
- Run the anti-virus program and checkdisk, and defragment the hard disk drive as you would for a computer.
- It is recommended to use a hard disk drive designed for vehicles when you are using it in a vehicle.
- Take care not to lose the screw fastening the hard disk drive, or let it fall into the product.
- Be sure to format the hard disk drive in FAT32.

## Installing the Product

### Installing and Removing an SD Card

1. To Remove: Push the edge of the card slightly inwards. It will then pop up. Pull it out with your fingers.
2. To Insert: Insert the SD card and push it in until it clicks.



### Installing the Cradle

1. Wash the inner surface of your windscreen with a wet towel or tissue.
2. Assemble the product to the cradle by fastening the cradle screw.
3. To install on the windscreen, push the housing onto the windshield and pull the lever down.
4. If the installation position is not quite right, pull the lever up, adjust the position, and then pull it down again.



※ For your safety, use the product above the dashboard.

**Connecting the Power**

Connect the power cable jack to the Power port of the product.




Cigar Jack Adapter

**Connecting a USB Device-This is available only when a hard disk drive is installed.**

Turn the power on and connect the end of the USB cable to the USB port on the right-hand side of the product, and connect the other end to the USB port of the computer. The device driver is automatically installed and you can check it through Windows Explorer on the computer. (For Windows 98, however, you should download the device driver from the odd-i web site and install it manually.)



USB Cable

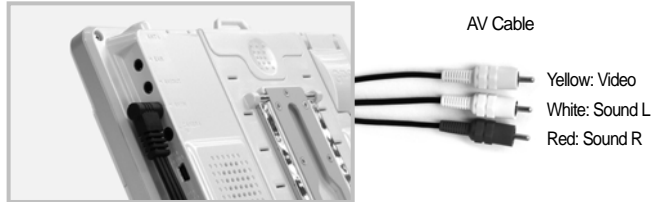
- Please exit all programs before connecting or removing a USB host or device, if possible, and select Connect or Remove from the Main Menu to connect or remove a USB host or device.
- Make sure to run the 'Safely Remove Hardware' before disconnecting the USB Device cable, otherwise you may lose data.
- ※ Safely Remove Hardware: If you click the  icon from the Taskbar of your computer, 'USB Mass Storage Device' appears in the Safely Remove Hardware window. Select it and click 'Stop'. The Stop a Hardware device pop-up window appears. Select 'OK'. Then you can remove the hardware safely.

### Connecting a TV IN

You can connect the product to a TV, to watch or record video from a TV.

You can not only connect a TV but also any device supporting CVBS such as a VCR, Camcorder, etc.

Connect the cable and select 'External IN' from the Main Menu.  
(Refer to 'External Input' on page 52)





### Connecting a TV OUT

You can connect the product to a TV, to watch video from the product on a TV.

To view a video from the product on a TV, you have to select the appropriate 'TV OUT' in the Environment Settings.

(Refer to 'Environment Settings' on page 47)

#### ● To Connect through the CVBS Port



CVBS TV Port

Yellow: Video  
White: Sound L  
Red: Sound R

#### ● To Connect through the S-Video Port



Connect the Black Connector to the S-Video Port of the TV.

Yellow: Sound (Connect to an audio device)  
Black: Video (Connect to a TV)

※ You should purchase a 24-pin cable separately.

## Turning On/Off the Product

### Turning on the Product

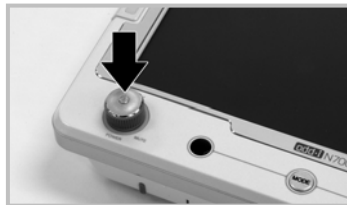
1. Check the power connection status.
2. Fold out the GPS antenna on the rear side of the product so that it faces upwards.
3. Press and hold the Power button for approximately 1 second.
4. The booting screen appears and the Main Menu appears after a while.
5. Navigation runs automatically.



You can set it so that Navigation is not launched automatically. (Refer to 'Environment Settings' on page 50.)

### Turning off the Product

1. Exit all running programs.
2. Press and hold the Power button for approximately 1 second.



## Navigation Key Map



Number	Name	Function
1	OK Key	Registers Safe Driving Points
2	Up/Down/Left/Right Key	Move over the map.
3	NAVI Key	Moves to the current position of the vehicle.
4	Cancel (Wireless Remote Control)	Registers the current location (Registers My Point)

## Starting Navigation

1. Fold out the GPS antenna on the rear side of the product so that it faces upwards.
2. Press the 'Navigation' button from the Main Menu or press the 'NAVI' key on the body.
3. Navigation is launched.
4. For procedures on using Mappy, refer to the Mappy MXC User's Manual.



## Using the Overlay Function

### ● Movie Player + navigation



- |   |  |
|---|--|
| 1 | Launch the Movie Player.   |
| 2 | Touch the screen. The Control Bar appears.   |
| 3 | Press the 'NAVI' button on the Control Bar.  |
| 4 | The Movie Player screen is decreased and displayed together with Navigation.                 |
| 5 | When you touch the Movie Player screen, the Movie Player screen size is adjusted in 3 steps. |

### Firmware Update

- ▶ New firmware updates are announced in the Download Firmware section of the odd-i web site (<http://www.odd-i.co.kr>). If there is a new update available, download it.



Remove the SD card from the product, insert it into the card reader of the computer and copy the firmware file into the root directory of the SD card.



Install the SD card into the N700D again and boot the product in Safe Mode.  
(To boot the product in Safe Mode, Press the Power key while holding the Menu key down.)



The firmware is automatically updated.



When the 'update complete' message appears, restart the system to complete the update.

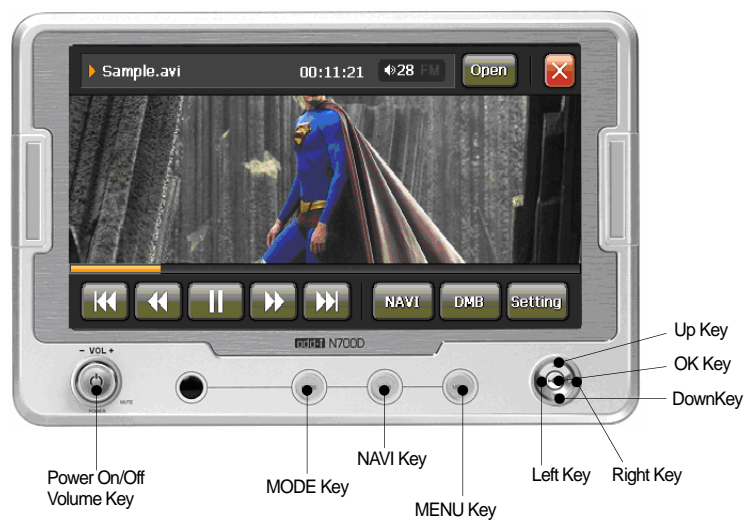


Check the firmware version in 'Environment Settings'.

※ Since update procedures are subject to change, make sure to read the 'Update Announcement' section on the odd-i web site.

# 0 Movie Player

## 1 Movie Player Keymap



No.	Name	Function
1	OK Key	Play/Pause
2	Up(long) Key	Plays the previous file in the list.
3	Down(long) Key	Plays the next file in the list.
4	Left(long)/Right(long) Key	Rewind/Fast Forward
5	MENU Key	Moves to Main (Same for all programs)
6	NAVI Key	Moves to Navigation (Same for all programs)
7	MODE / MODE(long) Key	Switches to another currently running program (Same for all programs) / LCD OFF
8	Volume Key	Volume Control, Mute, Power ON/OFF

## 2 Playing a Video File

### ► To Launch Movie Player

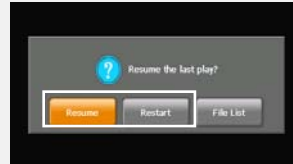
Press the **'Movie Player'** button from the Main Menu to launch the Movie Player.



### ► To Play a File (when 'Resume from the Last Position' is set)

Select the **'Resume from the Last Position'** or **'Play from the Beginning'** button in the pop-up window.

- Resume from the Last Position: Resumes playback from the last play position.
- Play from the Beginning: Plays from the beginning of the current file.
- Filelist: Enables selecting and playing another file from the Filelist.



### ► To Play a File (when 'Resume from the Last Position' is not set)

You can select a file from the Filelist and play it.



### ► To Play Another File during a Play

Press the **'Open'** button during a play to move to the Filelist. Select a file from the list and play it.

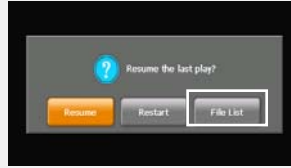
- The current file playback continues even if you press the 'Exit' button in the File list screen.



## 0 Movie Player

### ► To Play a Video File from the List

When the window pops up asking you file to be played, press the '**Filelist**' button to move to Filelist and select a file to be played.



## 3 Using Movie Player

### ► To Launch Control Bar during a Play

If you touch the screen during a video playback, the Control Bar is launched. If you touch the screen again, or if it is left untouched for a specified period of time, the Control Bar disappears.

- Play Information / File Title / Exit Button, Setup Button







### ► To Play/Pause

- To Play: Select a file from the Filelist and press the '**Play**' button. The selected file plays.
- To Pause: Press the '**Pause**' button on the Control Bar during a playback to pause. To resume the playback, press the '**Pause**' button once again.



### ► To Rewind/Fast Forward or Play Previous/Next File during a Playback

- Rewind  : Rewinds the current file.
- Fast Forward  : Fast forwards the current file.
- Previous File  : Plays the previous file.
- Next File  : Plays the next file





### ► Volume Control/Mute Setting

- Volume Control : Turn the '**Volume**' key left (-) or right (+) to adjust the volume. (32 steps in total)
- Mute : Press the '**Volume**' key briefly to mute the sound. To cancel the mute function, press the button once again.



## 3 Using Movie Player

### ► Using the PIN (Picture In Navigation) Function

- Press the '**NAVI**' button on the Control Bar during a video playback to run the PIN function.
- If you touch the screen while using the PIN function, the PIN screen is resized in 3 steps. If you touch the screen 3 times, the original screen size is restored.
- You can use Rewind/Fast Forward, Previous/Next File Play, Pause and Volume Control while running PIN.



### ► To watch DMB during a Playback

- Press the '**DMB**' button on the Control Bar during a video playback. The DMB and the Movie Player are then switched to the PIP mode.



### ► To Launch Other Programs

- Press the '**MENU**' key while running the Movie Player to move to the Main Menu. Then you can run other programs.
- If you press the '**MODE**' key, you can toggle between other programs that are running.



## 0 Movie Player

### ► To Exit

Press the **'Exit'** button at the top left of the screen during a video playback to exit the Movie Player.



## 4 Screen Settings

Press the **'Setup'** button on the Control Bar. The Video Settings menu appears. Select the **'Screen Settings'** tab from the Video Settings menu to view or set up the screen settings.

- Screen Mode: Basic Screen, Full Screen (Output Video Size)
- Control Bar Display: 3, 5, 10 Seconds
- Brightness/Contrast/Chroma/Color: You can set up the screen quality by setting these items. If you press the 'Default Settings' button, the settings are initialized to factory defaults.

When you have completed the settings, press the **'Exit'** button at the top right of the screen.



## 5 Subtitle Settings

Press the **'Setup'** button on the Control Bar. The Video Settings menu appears. Select the **'Subtitle Settings'** tab to view or set up the subtitle settings.

- Subtitle Setting: You can determine whether to show or hide subtitles.
- Font Size: You can set the font size incrementally from 15 to 40 (26 steps in total).
- Font Color: You can select from White, Yellow, Red, Blue and Black.
- Subtitle Sync: You can adjust the subtitle sync in 0.5 second steps.
- Language Setting: Available languages are displayed. You can select one of them.

When you have completed the settings, press the **'Exit'** button at the top right of the screen.



## 6 Continuous Play Setting

Press the **'Setup'** button on the Control Bar. The Video Settings menu appears. Select the **'Continuous Play Setting'** tab to view or set up the continuous play settings.

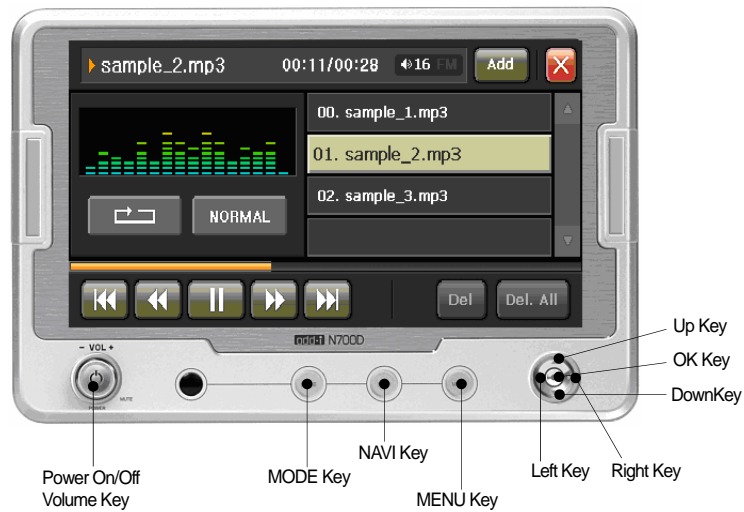
- ON: Activates the Continuous Play function.
- OFF: Inactivates the Continuous Play function.

If you change a setting, the new setting is applied immediately.



# 0 Music Player

## 1 Music Player Keymap



No.	Name	Function
1	OK Key	Play/Pause
2	Up/Down Key	Switches between playlists.
3	Left(Short) Key	Plays from the beginning of the current track/Plays the previous track.
4	Right(short) Key	Plays the next track.
5	Left(long)/Right(long) Key	Rewind/Fast Forward
6	MENU Key	Moves to Main (Same for all programs)
7	NAVI Key	Moves to Navigation (Same for all programs)
8	MODE / MODE(long) Key	Switches to another currently running program (Same for all programs) / LCD OFF
9	Volume Key	Volume Control, Mute, Power ON/OFF

## 2 Playing a Music File

### ► If there is a playlist

Press the '**Music Player**' button from the Main Menu to launch the Music Player. The music file that was being played when it was last used is automatically played.



### ► If there is no playlist

Press the '**Add**' button in the Music Player screen, move to Filelist and select a file from the list in order to add the file to the playlist.



### ► In File Management

Press the '**File Management**' button from the Main Menu. The File Management screen appears. Select a file from File Management and press the '**Play**' button. The selected music file is played.







## 3 Using the Music Player

### ► To Play/Pause

Play a music file in the Music Player Playlist/ Filelist. Press the 'Pause' button during a playback to pause. To resume the playback, press the '**Pause**' button once again.



### ► To Rewind/Fast Forward or Play Previous/Next File during a Playback

- Rewind  : Rewinds the current file.
- Fast Forward  : Fast forwards the current file.
- Previous File  : Plays the previous file.
- Next File  : Plays the next file.



### ► Volume Control/Mute Setting

- Volume Control : Turn the '**Volume**' key left (-) or right (+) to adjust the volume. (32 steps in total)
- Mute : Press the '**Volume**' key briefly to mute the sound. To cancel the mute function, press the button once again.



### 3 Using the Music Player

#### ► To Launch Other Programs

Press the **'MENU'** key while running the Music Player to move to the Main Menu. Then you can run other programs.  
If you press the **'MODE'** key, you can toggle between other programs that are running.



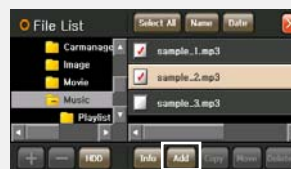
#### ► To Exit

Press the **'Exit'** button at the top left of the screen during a playback to exit the Music Player.



### 4 Adding Files to a Playlist

Press the **'Add'** button to launch Filelist, select files to be added and press the **'Add'** button. The selected files are added to the playlist.



## 0 Music Player

### 5 Deleting Files in a Playlist

Press the **'Pause'** button to pause a playback. Click the **'Delete'** button to delete a file or the **'Delete All'** button to delete all files from the playlist.



### 6 Sound Effect Setting

Press the **'Sound Effect'** button in the Music Player to view or set up Sound Settings.

- Select a Sound Effect (Normal, Rock, Pop, Jazz, Classic, Dance, Heavy, Disco, Soft, 3D/Live, Hall).



### 7 Play Mode Setting

Press the **'Play Mode Setting'** button in the Music Player to change the Play Mode.

- Select a Play Mode (No Repeat, Repeat a Track, Repeat All, Shuffle).





## 8 Viewing Lyrics

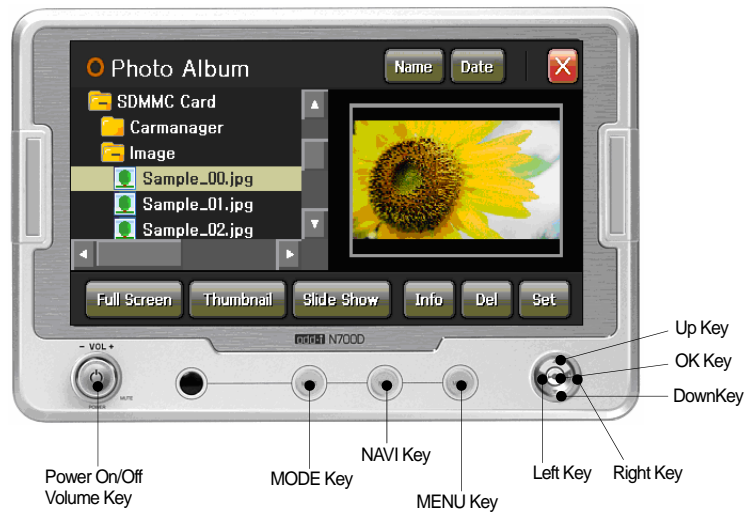
You can view lyrics with music. The LRC lyrics file format is supported, and lyrics files must be in the folder in which the corresponding music file is saved.

When lyrics are displayed, the equalizer is not displayed.



# 0 Photo Album

## 1 Photo Album Keymap



No.	Name	Function
1	OK Key	Selected Photo Full Screen View
2	Up/Down Key	Shows Previous/Next Photo
3	Left/Right Key	Moves to Super / Sub Folder
4	MENU Key	Moves to Main (Same for all programs)
5	NAVI Key	Moves to Navigation (Same for all programs)
6	MODE / MODE(long) Key	Switches to another currently running program (Same for all programs) / LCD OFF
7	Volume Key	Volume Control, Mute, Power ON/OFF

## 2 Photo Album View

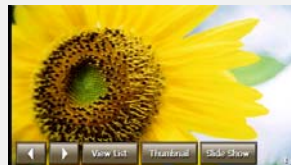
### ► List View

Press the '**Photo Album**' button from the Main Menu to launch the Photo Album.  
The Filelist and Preview screen appear.



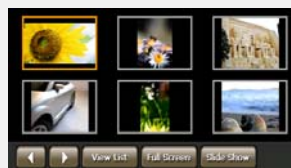
### ► Large View

To view a photo in full screen, select a photo and press the '**Large View**' button in the List View or Preview of the Photo Album, double-touch a photo in the List view or press the '**Large View**' button in the Thumbnail View.  
When you touch the screen, the soft buttons at the bottom toggle between appear or disappear.



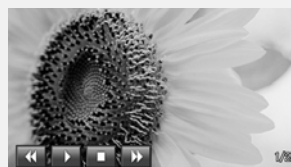
### ► Thumbnail View

Press the '**Thumbnail View**' button in the List or Large View of the Photo Album to view the photos in Thumbnail View.



### ► SlideShow View

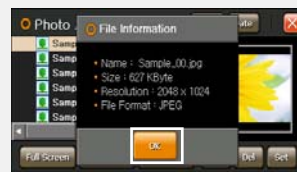
To view photos in SlideShow, Press the '**Large View**' button in the List View of Photo Album, press the '**SlideShow**' button in the Thumbnail View. If you click the left arrow button, the SlideShow will continue in reverse order.  
Press the 'Stop SlideShow' button to return to the List View.



## 0 Photo Album

### 3 Information

Press the '**Information**' button in the List View of the Photo Album to view the file information on the selected photo.  
Press the '**OK**' button to hide the information window.



### 4 Setting

Press the '**Setup**' button in the List View of the Photo Album to set up Photo Album Settings. You can set the slide interval for SlideShow (3 / 5 / 8 seconds) and determine whether to use the automatic rotation function.

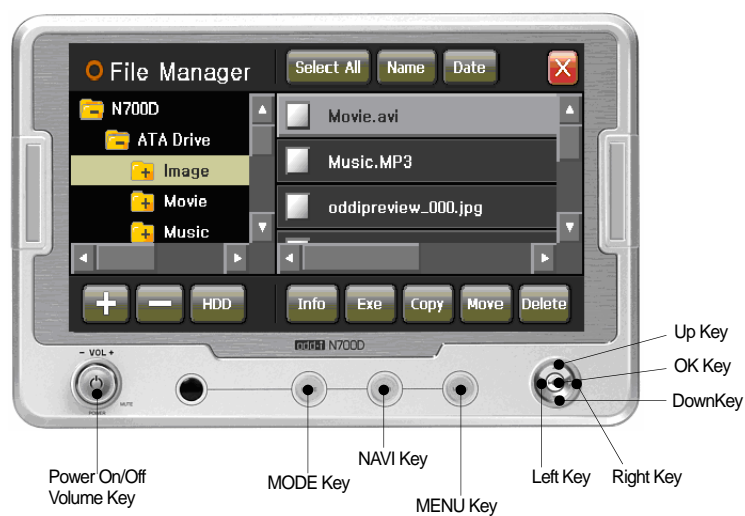


### 5 Deleting a Photo

Select a photo file to be deleted and press the '**Delete**' button. The deletion confirmation pop-up window appears.  
Press the '**Yes**' button to delete the file.



# 1 File Management Key Map



No.	Name	Function
1	OK Key	Opens/Closes a Folder or Selects or Plays a File
2	Up/Down Key	Navigates list in one step at a time.
3	Left/Right Key	Moves Focus Left or Right.
4	MENU Key	Moves to Main (Same for all programs)
5	NAVI Key	Moves to Navigation (Same for all programs)
6	MODE / MODE(long) Key	Switches to another currently running program (Same for all programs) / LCD OFF
7	Volume Key	Volume Control, Mute, Power ON/OFF

## 0 File Management

### 2 File Management Screen

Press the **'File Management'** button from the Main Menu to open File Management.  
Select a file and press the **'Play'** button to play the file.



### 3 Sorting Files

#### ► To Sort by Name

If you press the **'File Name'** button, files are sorted by name.  
When you press it once: Files are sorted in descending order by name.  
When you press it twice: Files are sorted in ascending order by name.



#### ► To Sort by Date

If you press the **'Date'** button, files are sorted by date.  
When you press it once: Files are sorted in descending order by date.  
When you press it twice: Files are sorted in ascending order by date.



## 4 Folder Management

### ► To Create a Folder

Press the '+' button to create a new folder in the current folder.



### ► To Delete a Folder

Select a folder to be deleted and press the '-' button. The deletion confirmation pop-up window appears. Press the 'Yes' button. The selected folder and its all contents are deleted.



### ► HDD Space

Press the 'HDD' button to view the total capacity, current usage and remaining capacity of the hard disk drive.  
Press the 'OK' button. The Information window disappears.



## 5 File Management

### ► File Information

Select a file in the File Management screen and press the **'Information'** button. The file information on the selected file is displayed. Press the **'OK'** button. The Information window disappears.



### ► To Copy or Move Files

Select one or more files by moving the cursor or selecting the check box and press the **'Copy/Move'** button. A small filelist window appears. Select a destination folder into which the files are to be copied and press the **'Copy/Move'** button to copy the files.



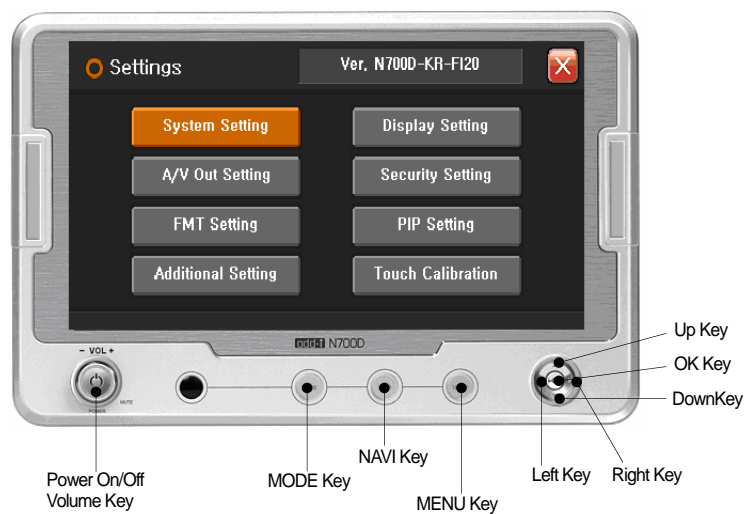
### ► To Delete a File

Select a file to be deleted and press the **'Delete'** button. The deletion confirmation pop-up window appears. Press the **'Yes'** button. The selected file is deleted.





# 1 Environment Settings Keymap



No.	Name	Function
1	OK Key	Play / OK
2	Up/Down Key	Navigates list.
3	Left/Right Key	Navigates list or changes value.
4	MENU Key	Moves to Main (Same for all programs)
5	NAVI Key	Moves to Navigation (Same for all programs)
6	MODE / MODE(long) Key	Switches to another currently running program (Same for all programs) / LCD OFF
7	Volume Key	Volume Control, Mute, Power ON/OFF

# 0 Environment Settings

## 2 Environment Settings - System Settings

Press the '**Environment Settings**' button from the Main Menu to open the Environment Settings screen. Press the '**System Settings**' button in the Environment Settings screen.



### ► Date Setting

You can set the date in the System Settings screen. After setting it press the '**OK**' button to finish.

- You cannot change the date while running Navigation.



### ► Time Setting

You can set the time in the System Settings screen. After setting it press the '**OK**' button to finish.

- You cannot change the time while running Navigation.



### ► Language Setting

You can set the language in the System Settings screen. After setting it press the '**OK**' button to finish.



### 3 Environment Settings - Screen Settings

#### ► To Move to the Screen Settings Screen

Press the '**Environment Settings**' button from the Main Menu to open the Environment Settings screen. Environment Settings screen '**Screen Settings**' button select.



#### ► LCD Brightness Setting (LCD Backlight Brightness Setting)

Set the LCD Brightness in the Screen Settings screen and press the '**OK**' button to finish.



#### ► Screen Brightness Setting

Set the Screen Brightness in the Screen Settings screen and press the '**OK**' button to finish.



#### ► Day and Night Mode Setting

Set the Day and Night Mode setting and press the '**OK**' button to finish.

- During the time set for Night Mode, the LCD brightness is decreased to 70% of its original.



## 0 Environment Settings

### ► Safe Drive Mode Setting

Set the Safe Drive Mode setting in the Screen Settings screen and press the '**OK**' button to finish.

- If Safe Drive Mode is selected, no picture is displayed in the Movie or DMB Player and only the Exit button works.



## 4 Environment Settings - Connection Settings

### ► Connection Settings screen mobile

Press the '**Environment Settings**' button from the Main Menu to move to the Environment Settings screen.  
Press the '**Connection Settings**' button in the Environment Settings screen.



### ► AV-OUT Setting

Set the AV-OUT setting in the Connection Settings screen and press the '**OK**' button to finish.



### ► AV-Type Setting

Set the AV-Type setting in the Connection Settings screen and press the '**OK**' button to finish.

- NTSC: TV broadcast signal standard used in Korea, China and North America.
- PAL: TV broadcast signal standard used in the EU.



### ► AV-OUT Ratio Setting

Set the AV-OUT Ratio in the Connection Settings screen and press the '**OK**' button to finish.



## 0 Environment Settings

### 5 Environment Settings - Security Settings

#### ► To Move to the Security Settings Screen

Press the '**Environment Settings**' button from the Main Menu to move to the Environment Settings screen.  
Press the '**Security Settings**' button in the Environment Settings screen.



#### ► Private Life Protection Setting

Set the Private Life Protection setting in the Security Settings screen and press the '**OK**' button to finish.



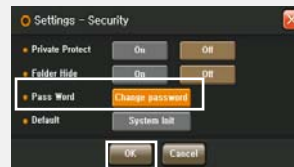
#### ► Hide Folder Setting

Set the Hide Folder setting in the Security Settings screen and press the '**OK**' button to finish.



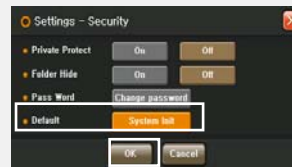
#### ► To Change Password

Press the 'Change Password' in the Security Settings screen and press the '**OK**' button to finish.  
(Default Password: 0000)



## ► To Initialize

Press the 'Initialize' button in the Security Settings screen.



## 6 Environment Settings - FMT Settings

### ► To Move to the FMT Settings Screen

Press the 'Environment Settings' button from the Main Menu to move to the Environment Settings screen.  
Press the 'FMT Setting' button in the Environment Settings screen.



### ► FMT Setting

Press the ON button and select a channel from the 3 channels available so that audio is clearly received by the vehicle FM radio. After selecting a channel press the OK button to save the setting. Since radio frequency bands may differ depending on your region, up to 3 channels are supported for optimal radio signal reception.



## 0 Environment Settings

### 7 Environment Settings - PIP Settings

#### ► To Move to the PIP Settings Screen

Press the '**Environment Settings**' button from the Main Menu to move to the Environment Settings screen.  
Press the '**PIP Settings**' button in the Environment Settings screen.



#### ► PIP Setting

Select a PIP screen position in the PIP Settings screen and press the OK button to save the setting.



### 8 Environment Settings - Additional Settings

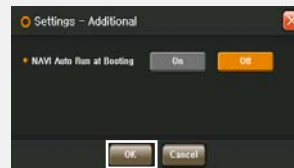
#### ► To Move to the Additional Settings Screen

Press the '**Environment Settings**' button from the Main Menu to move to the Environment Settings screen.  
Press the '**Additional Settings**' button in the Environment Settings screen.



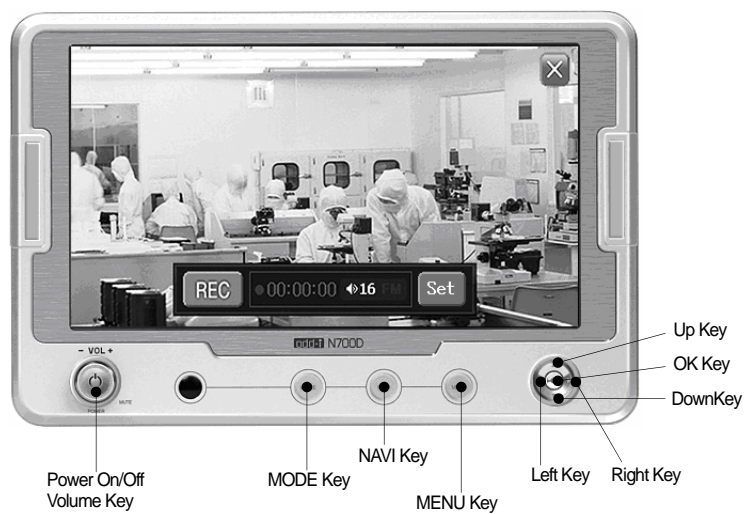
#### ► To Launch NAVI Automatically when Booting

If you set Launch NAVI Automatically when Booting to '**ON**', NAVI is automatically launched. To disable launching NAVI when booting, select '**NO**'. The Main Menu reappears.





## 1 External Inputs Key Map



No.	Name	Function
1	OK Key	Starts / Stops a Recording
2	MENU Key	Moves to Main (Same for all programs)
3	NAVI Key	Moves to Navigation (Same for all programs)
4	MODE / MODE(long) Key	Switches to another currently running program (Same for all programs) / LCD OFF
5	Volume Key	Volume Control, Mute, Power ON/OFF

## 2 External Input / Exit External Input

### ► To Start the External Input Program

Press the 'External IN' button from the Main Menu to move to the External Input screen. When the program is launched, the preview screen appears. If the DMB Player was running, it is terminated.



### ► To Start a Recording

Press the 'REC' button in the Preview screen. The currently displayed video is recorded and the recording information is displayed at the Control Bar at the bottom.

- You cannot run a program other than Navigation when External Input is selected.

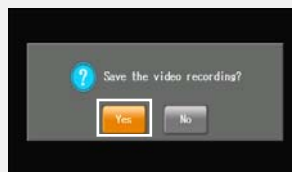


### ► To Save a Recording

Press the 'STOP' button. The recording is stopped. When the window asking you if you want to save the recording appears, press the 'Yes' button.

- The recorded file is saved in the hard disk drive. If there is no hard disk drive, the file is saved in the SD card.

Save Path: /Record/Video/VideoXXX.avi

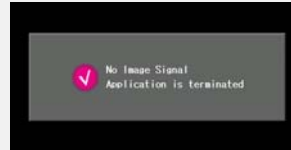


## 2 External Input / Exit External Input

### ► When the Video-IN signal disappears

If the Video-IN signal disappears during preview, the 'Video-IN signal does not exist' message appears and the External Input program is terminated.

If this happens during a recording, the recorded file is saved, the 'Video-IN signal does not exist' message appears, and the External Input program is terminated.

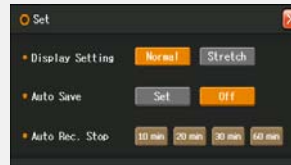


### ► Settings

If you press the '**Setup**' button during a recording, you can set up the Preview screen, Auto Save and Auto Stop Recording settings.

- Screen Settings: Basic Screen (320x224), Full Screen (480x224); 320x224 pixels for recording.
- Auto Save: ON (Saves the recorded file automatically after recording); OFF
- Auto Stop Recording: 10 Min, 20 Min, 30 Min, 60 Min

Once the Auto Stop Recording is set, video is recorded for the specified period of time, the recording is saved as a file, and the Preview screen appears automatically.



## 0 External Inputs

### ► To Exit the External Input program

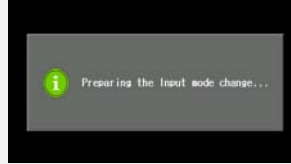
Press the '**Exit**' button at the top right side of the screen to exit the External Input program.

- During a Preview: Exit
- During a Recording: Save and Exit

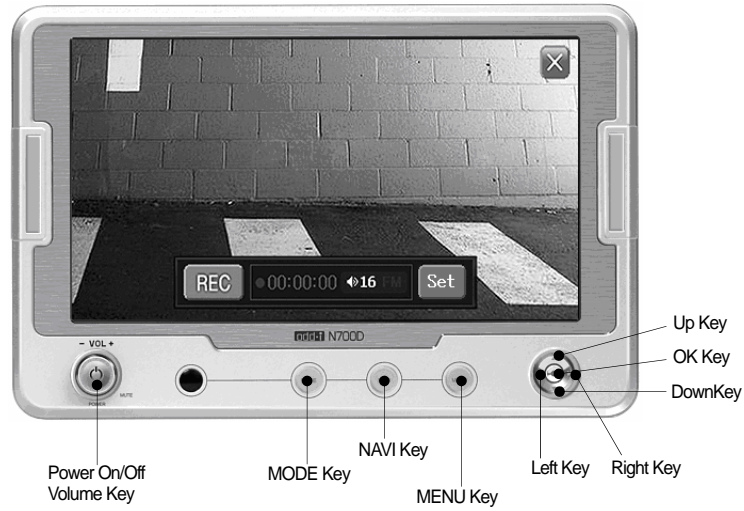


### ► To Enter Rear Monitoring Camera

When the unit is not in External Input mode (i.e. Preview status), if the Rear Monitoring Camera is connected, the 'Changing Mode..' message appears and it enters Rear Monitoring Camera mode.



# 1 Rear Monitoring Camera Keymap



No.	Name	Function
1	OK Key	Starts / Stops a Recording
2	MENU Key	Moves to Main (Same for all programs)
3	NAVI Key	Moves to Navigation (Same for all programs)
4	MODE / MODE(long) Key	Switches to another currently running program (Same for all programs) / LCD OFF
5	Volume Key	Volume Control, Mute, Power ON/OFF

## 2 To Run Rear Monitoring Camera / To Exit Rear Monitoring Camera

### ► To Run the Rear Monitoring Camera Program

If the Rear Monitoring Camera signal is received when the unit is in the Main Menu status, the External Input program is started. If another program was running, it is terminated and the External Input program is started. When the program is launched, the Preview screen appears.



### ► To Start a Recording

Press the 'REC' button in the Preview screen. The currently displayed video is recorded and the recording information is displayed at the Control Bar at the bottom.

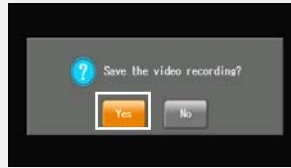
- You cannot run a program other than Navigation when External Input is selected.



### ► To Save a Recording

Press the 'STOP' button. The recording is stopped. When a window asking you if you want to save the recording appears, press the 'Yes' button.

- The recorded file is saved in the hard disk drive only.  
Save Path: /Record/Rearcam/RearXXX.avi



### ► When the Rear Monitoring Camera signal disappears

If the Rear Monitoring Camera signal disappears during preview, the 'Rear Monitoring Camera signal does not exist' message appears and the External Input program is terminated.

If this happens during a recording, the recorded file is saved, the 'Rear Monitoring Camera signal does not exist' message appears, and the External Input program is terminated.

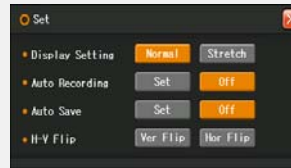


## 2 To Run Rear Monitoring Camera / To Exit Rear Monitoring Camera

### ► Setting

If you press the 'Setup' button during a recording, you can set up the Screen Settings, Auto Record and Auto Save, and Vertical or Horizontal Mirror settings.

- Screen Settings: Basic Screen (320x224), Full Screen (480x224); 320x224 pixels for recording.
- Auto Record: ON (Record and save the recorded file automatically when the program is launched); OFF
- Auto Save: ON (Saves the recorded file automatically after recording); OFF
- Vertical or Horizontal Mirror: Mirrors vertically or horizontally (the Preview screen is vertically or horizontally flipped.)



### ► To Exit the Rear Monitoring Camera program

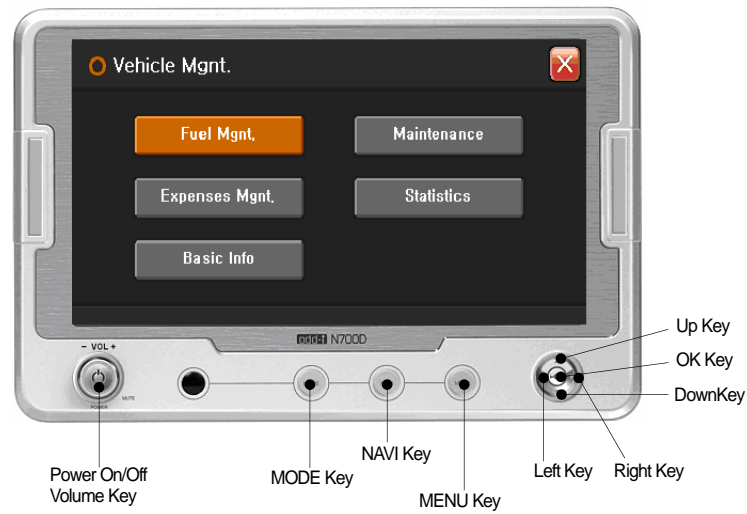
Press the 'Exit' button at the top right side of the screen to exit the External Input program.

- During a Preview: Exit
- During a Recording: Save and Exit



## 0 Vehicle Management

### 1 Vehicle Management Key Map



No.	Name	Function
1	MENU Key	Moves to Main (Same for all programs)
2	NAVI Key	Moves to Navigation (Same for all programs)
3	MODE / MODE(long) Key	Switches to another currently running program (Same for all programs) / LCD OFF
4	Volume Key	Volume Control, Mute, Power ON/OFF



## 2 Oil Consumption Management

### ► To Move to the Vehicle Management Screen

Press the '**Vehicle Management**' button from the Main Menu to move to the Vehicle Management Screen.  
Select '**Oil Consumption Management**' in the Vehicle Management screen.



### ► To Search for Oil Consumption History

Select Year/Month in the Oil Consumption Management screen to view the corresponding information. If you press a column heading (**Date / Oil Consumption (quantity) / Cost (KRW) / Mileage (Km)**), the items are sorted by the column in ascending or descending order.



### ► To Add Oil Consumption History

Press the '**Add**' button in the Oil Consumption Management screen to move to the Oil Consumption Management Input screen.  
Fill the fields in and press the '**Apply**' button to apply the changes.



### ► To Modify Oil Consumption History

Select an item to be modified and press the '**Modify**' button in the Oil Consumption Management screen to move to the Modify Oil Consumption Management screen. Fill the fields in and press the '**Apply**' button to apply the changes.



## 0 Vehicle Management

### ► To Delete Oil Consumption History

Select an item to be deleted and press the 'Delete' button in the Oil Consumption Management screen to delete the item. When the deletion confirmation pop-up window appears, press the 'Yes' button. The corresponding Oil Consumption history is then deleted.



## 3 Maintenance Management

### ► To Move to the Vehicle Management Screen

Press the 'Vehicle Management' button from the Main Menu to move to the Vehicle Management Screen. Select 'Maintenance Management' in the Vehicle Management screen.



### ► To Search for Maintenance History

Select Year/Month in the Maintenance Management screen to view the corresponding information. If you press a column heading (**Date / Management Item / Cost (KRW) / Mileage (Km)**), the items are sorted by the column in ascending or descending order.



### ► To Add a Maintenance Management Item

Press the 'Add' button in the Maintenance Management screen to move to the Maintenance Management Input screen. Fill the fields in and press the 'Apply' button to apply the changes.



#### ► To Modify a Maintenance Management Item

Select an item to be modified and press the **'Modify'** button in the Maintenance Management screen to move to the Modify Maintenance Management screen. Fill the fields in and press the **'Apply'** button to apply the changes.

#### ► To Delete a Maintenance Management Item

Select an item to be deleted and press the **'Delete'** button in the Maintenance Management screen to delete the item. When the deletion confirmation pop-up window appears, press the **'Yes'** button. The corresponding Maintenance item is deleted.

## 4 Expenditure Management

#### ► To Move to the Vehicle Management Screen

Press the 'Vehicle Management' button from the Main Menu to move to the Vehicle Management Screen. Select **'Expenditure Management'** in the Vehicle Management screen.

#### ► To Search for Expenditure Management

Select Year/Month in the Expenditure Management screen to view the corresponding information. If you press a column heading (**Date / Contents / Cost (KRW)**), the items are sorted by the column in ascending or descending order.

Date	Contents	Expense
2006/10/11	유류비 지출	130,000
2006/10/11	보험료	320,000

## 0 Vehicle Management

### ► To Add an Expenditure Item

Press the **'Add'** button in the Expenditure Management screen to move to the Expenditure Management Input screen. Fill the fields in and press the **'Apply'** button to apply the changes.



### ► To Modify an Expenditure Management Item

Select an item to be modified and press the **'Modify'** button in the Expenditure Management screen to move to the Modify Expenditure Management screen. Fill the fields in and press the **'Apply'** button to apply the changes.



### ► To Delete an Expenditure Management Item

Select an item to be deleted and press the **'Delete'** button in the Expenditure Management screen to delete the item. When the deletion confirmation pop-up window appears, press the **'Yes'** button. The corresponding Expenditure item is deleted.



## 5 Statistics

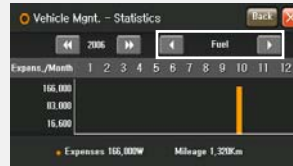
### ► To Move to the Vehicle Management Screen

Press the **'Vehicle Management'** button from the Main Menu to move to the Vehicle Management Screen. Select **'Statistics'** in the Vehicle Management screen.



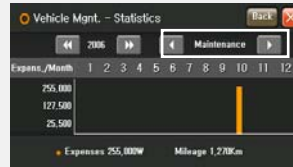
#### ► Oil Consumption Statistics View

If you select the Oil Consumption item in the Statistics screen, the Oil Consumption information appears. Select Year/Month in the Statistics screen to view the corresponding statistics.



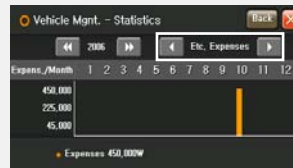
#### ► Maintenance Statistics View

If you select the Maintenance item in the Statistics screen, the Maintenance information appears. Select Year/Month in the Statistics screen to view the corresponding statistics.



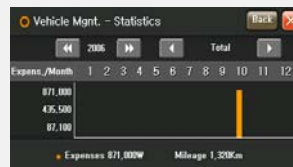
#### ► Other Expenditure Statistics View

If you select the Other Expenditure item in the Statistics screen, the Other Expenditure information appears. Select Year/Month in the Statistics screen to view the corresponding statistics.



#### ► Total Statistics View

If you select the Total Statistics in the Statistics screen, the Total Statistics information appears. Select Year/Month in the Statistics screen to view the corresponding statistics.



## 0 Vehicle Management

### 6 Basic Information

#### ► To Move to Vehicle Management Screen

Press the **'Vehicle Management'** button from the Main Menu to open the Vehicle Management screen. Select **'Basic Information'** in the Vehicle Management screen.



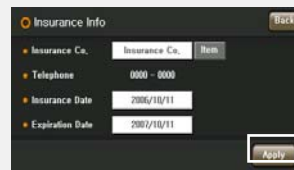
#### ► Vehicle Information Management

Press the Vehicle Information button in the Basic Information screen to open the Vehicle Information screen. Fill the fields in and press the **'Apply'** button to apply the changes.



#### ► Insurance Information Management

Press the Insurance Information button in the Basic Information screen to open the Insurance Information screen. Fill the fields in and press the **'Apply'** button to apply the changes.



## 7 Using the Contents Input Window

### ► Number Input Window

Press the numeric buttons to enter a number in the Oil Consumption Management, Maintenance Management, Expenditure Management or Basic Information screen and press the OK button. If you press the **'Cancel'** or **'Previous'** button in the Number Input Window, the number input is cancelled.



### ► Text Input Window

Press the keys on the virtual keyboard on the window in the Maintenance Management, Expenditure Management or Basic Information screen and press the **'Enter'** button.

If you press the **'Previous'** button at the top right of the window, the text input is cancelled.

The Car Maintenance Account Book data is saved in the /carmanager folder of the SD card. Take care not to remove the file, and back up the data on a regular basis to prevent loss of the data.



### ► Date Input Window

Press the date you want from the calendar on the Date Input window in the Oil Consumption Management, Maintenance Management, Expenditure Management or Basic Information screen and press the OK button. If you press the **'Cancel'** button in the Number Input Window, the number input is cancelled.



## 0 Specifications

⌄ The functions of the product are subject to change without prior notice for the improvement of the product's quality or performance.

### 1. General Information

Name	odd-i N700D
Dimensions	190mm(W) X 125mm(H) X 28.8mm(T)
Weight	564g (668g with Samsung 60GB HDD)
Operating System	Windows CE 5.0 Core
Hardware Specifications	CPU: MAGICYES MMSP-2 (Dual Core) RAM: 128MB SDRAM, 64MB NAND Flash GPS: SiRF Star III Chip
Type	Plug&Play (Removable Hard Disk Type)
LCD	7-Inch Wide QVGA TFT (480X234) 370 nits (including Touch)
Interface	SD Memory: 2GB (for Navigation Only) HDD: 2.5-inch hard disk drive can be installed - Removable Type USB: Device - USB2.0, Host - USB1.1 A/V Input: CVBS, Rear Monitoring Camera Support, Stereo Input (Video Recording) A/V Output: CVBS, S-Video, Stereo Output FM Transmitter, IrDA Remote Control Interface
Supported Languages	Korean / English
Operating Temperatures	-10℃ ~ +60℃ (This does not apply to hard disk drives. For the operating temperature of a hard disk drive, refer to the corresponding manufacturer's specifications.)
Power	DC 12V ~ 24V, 3A



- ⌄ The functions of the product are subject to change without prior notice for the improvement of the product's quality or performance.

## 2. Navigation

Map	Mando Mappy MXC
GPS Receiver	SiRF Star III Chip
Route Guide	Multiple Path Search Announcement of Junction Information Announcement of Toll Road Fares TBT (Turn-by-Turn) + Direction Audio Announcement Expressway Mode Announcement
Data Search	Search by Name using initial letters/middle letters Address Search (25 million addresses) 500,000 Basic Telephone Number Search 114 Telephone Number Search Detailed Theme Information JG Code Search
Map Display	3D Mode Building Floor Information Night Mode Real Road Width / U-Turn Display Narrow Road, One Way Road Display (+ Door-to-Door Route Guide)
Additional Functions	Safe Driving Point Announcement 9 Voice Types for Announcement Subway Route Search Unique Intro Screen Upgrade without Charge (may be changed in the future)

## 0 Specifications

- ⌄ The functions of the product are subject to change without prior notice for the improvement of the product's quality or performance.

### 3. Video

Supported File Formats	MPEG1, MPEG4, Xvid, DivX 3.X/4.X/5.X (720X480, Max 30 Frames), WMV7/8/9 (320X240, Max 30 Frames)
Supported Subtitle Format	SMI
Overlay & Multi-Tasking	Navigation Navigation + Movie Player Movie Player

- ⌄ The functions of the product are subject to change without prior notice for the improvement of the product's quality or performance.

#### 4. Audio

Supported File Formats	MP3, WMA, WAV, OGG, AC3
Supported Outputs	Built-in Stereo Speakers / Earphones / FM Radio
Frequency Response Range	20Hz ~ 20KHz
Output Power	Earphones: 40mW (20mW + 20mW) Built-in Speakers: 2W (1W + 1W), Max 2.4W (1.2W + 1.2W)
Signal to Noise Ratio (S/N Ratio)	90dB or Higher
Equalizer	11 Preset EQs Normal, Rock, Pop, Jazz, Classic, Dance, Heavy, Disco, Soft, 3DLive, Hall
FM Transmitter	Frequency Range: 88.1 ~ 107.9 Mhz

## 0 Specifications

⌄ The functions of the product are subject to change without prior notice for the improvement of the product's quality or performance.

### 5. Other

A/V IN/OUT	A/V OUT (TV Connection Support)	Output Signal: NTSC / PAL Function: CVBS / S-Video Output Visual Quality Enhancement Function - xView TM Adopted
	A/V IN	Input Signal: CVBS (NTSC / PAL) Video View: Normal / Wide Recording: 320X224 Pixels with MPEG4
	Rear Monitoring Camera Input Function Support	Input Signal: CVBS (NTSC / PAL) Auto Signal Detection: Automatically detect video input and display. Function: Vertical and Horizontal Flip Function Automatic Recording of Rear Monitoring Video (when an HDD is installed)
Additional Functions	Photo Viewer	Supported File Formats: JPEG, BMP, GIF Additional Functions: Browser / Thumbnail / Full View / Slide Show
	Car Maintenance Account Book	Oil Consumption Management, Maintenance Management, Expenditure Management
Operating Environment	PC System	Microsoft Windows 98SE / ME / 2000 / XP Pentium3 500MHz or Higher 128M available Ram USB Port 2.0

☞ Please re-check to see if there is a genuine problem.

► Frequently Asked Questions about the Product Functions

**Q I cannot turn the power on.**

- A**
1. Check if the power adapter is properly connected to the cigar jack.
  2. Press and hold the Power button down for more than 1 second.

**Q There is no sound from the speaker.**

- A**
1. Check if the earphones are connected.
  2. Check whether the format of the file is playable on the PC.
  3. Check if the volume level is set to 0 or if 'Mute' is set.
  4. Check if the FM transmitter is turned on.

**Q I cannot output video to the TV.**

- A**
1. Check if the TV is turned on.
  2. Check if the TV Input Source setting is set to External Input.
  3. Check if the AV and RCA cables are properly connected.
  4. Check the output type setting in the Environment Setting.

**Q I cannot record video from a TV.**

- A**
1. Check if the TV is turned on.
  2. Check if the AV cable is properly connected.
  3. Check if the product is turned on.

**Q The product is not recognized as a removable disk when it is connected to the PC through a USB interface.**

- A**
1. Check if the cable is properly connected to the USB port.
  2. Connect the cable to another USB port on the PC and try again.

**Q I cannot download a file.**

- A**
1. Check if the product is turned on.
  2. Check if the cable is properly connected to the USB port.

➤ Please re-check to see if there is a genuine problem.

► Frequently Asked Questions about the Product Functions

**Q A video file is not played or is played incorrectly.**

- A**
1. When you play a video, the initial loading may take a while.
  2. Check whether the file format is supported by the product, or if the file is corrupted.  
Try playing it on a PC to check the file's integrity.
  3. Videos of higher resolution than catered for by the product's specifications cannot be played.
  4. If the Safe Driving Mode is set in the Environment Settings, video is not output, although audio is output.

**Q I cannot play an audio file or it is played incorrectly.**

- A**
1. Check if the volume size is set to '0'.
  2. Check whether the file format is supported by the product, or if the file is corrupted.  
Try playing it on a PC to check the file's integrity.

**Q I cannot display an image file or it is displayed incorrectly.**

- A**
1. Check whether the file format is supported by the product, or if the file is corrupted.  
Try viewing it on a PC to check the file's integrity.

**Q I cannot display video subtitles.**

- A**
1. Check if the video file name and the subtitle (SML) file name are identical, and if they are in the same folder.
  2. Select Movie Player and then Subtitle Settings from the menu and check if 'Show Subtitle' is selected.

**Q A video or an image is displayed in too small a size.**

- A**
1. Check the original video file size.

↪ Please re-check to see if there is a genuine problem.

► Frequently Asked Questions about the Product Functions

**Q The screen is not displaying anything.**

- A**
1. Check if the product is turned on.
  2. Check if the TV AV cable is connected.

**Q The screen flickers when I watch video on a TV.**

- A**
1. Check if the AV cable is properly connected.

**Q A recorded video plays back incorrectly.**

- A**
1. Check if the recording was made with the AV cable incorrectly connected or connected to the wrong port.

↪ Please re-check to see if there is a genuine problem.

► Frequently Asked Questions about the Product in General

**Q How can I get after-sales service?**

- A**
1. Call the customer support center (1588-4487), or request after-sales service on the "Customer Service" page of our website.
  2. Write down details on the problem, and any other related details you want us to know about, and send it with the PMP to our headquarters by mail.
  3. You can also visit our headquarters and request after-sales service in person.

**Q How long is the warranty period?**

- A**
1. The warranty period for free service covers one year from the date of purchase.
  2. If the damage is due to user neglect, however, the free warranty period does not apply, and after-sales service will be provided only for a fee.

**Q I entered the serial number to register the product but the 'serial number incorrect' message appears.**

- A**
1. Check if you have entered the S/N (Serial Number) of 17 alphanumeric characters printed on the rear side of the product.

**Q How can I register the product?**

- A**
1. If you have purchased the product, connect to the odd-i website and select Customer Support>Register Product on the website.



## **User's Manual Information**

### **Do not**

Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

### **FCC Compliance Statement**

This device complies with part 15 of the 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.