

# User's Manual in English

English Version  
R01  
Aug. 2007

## Trademarks

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## Note

The information in this manual is subject to change without notice.

# Before You Start

## ※ Precautions and Notices

- ※ For your own safety, do not operate the controls of the product while driving.
- ※ Use this product prudently. The product is intended to be used only as a navigation aid. It is not for precise measurement of direction, distance, location or topography.
- ※ The calculated route is for reference only. It is the user's responsibility to follow the traffic signs and local regulations while driving.
- ※ When you get out of the car, do not leave your device on the dashboard in direct sunlight. The overheating of the battery can cause malfunction and/or danger.
- ※ GPS is operated by the United States government, which is solely responsible for the performance of GPS. Any change to the GPS system can affect the accuracy of all GPS equipments.
- ※ GPS satellite signals cannot pass through solid materials (except glass). When you are inside a tunnel or building, GPS positioning is not available.
- ※ A minimum of 4 GPS satellite signals is needed to determine current GPS position. Signal reception can be affected by situations such as bad weather or dense overhead obstacles (e.g. trees and tall buildings).
- ※ The wireless devices might interfere the reception of satellite signals and cause the reception of the signal to be unstable. For better signal reception, it is recommended that you use a car antenna (option).
- ※ A car holder is needed when using the device in a car. It is recommended that you place the device in an appropriate place, so as not to obstruct the driver's view, or deployment of airbags.
- ※ When battery runs out, the device will automatically turn off the power. So, when plug-in the car charger or power adaptor, please reset the ON/OFF switch to turn on the device.

## ※ Overview

### GPS Navigation Features

- ※ Electronic maps with roads, freeways, highways, railways, rivers, lakes, points of interest, etc.
- ※ GPS positioning
- ※ Optimal route calculation and trip plan
- ※ Friendly and efficient navigation with turn-by-turn, voice, and visual guidance
- ※ Various ways for searching a location on the map
  - Using a known address

- Using a POI (point of interest)
- Using Favorites (personal stored locations)
- Using History (previous destinations)
- ※ Recording and playback of journeys
- ※ Viewing modes for different needs and situations:
  - 2D or 3D
  - Daytime or nighttime view
  - Turn-by-turn view of the route
  - Driving direction of the route

## **Other Features**

- ※ MP3 Player: playing MP3 music.
- ※ Photo Viewer
- ※ Movie Player: playing movies in Wmv. Asf. Mpeg format
- ※ Calculator

## **About this Manual**

This manual is divided into four major parts:

- ※ Part I “Basic Operations” tells you how to get your device running and customize system settings.
  
- ※ Part II “Media” introduces MP3 Player, Photo Viewer, Video Player.,etc.
  
- ※ How to use the navigation? Please see Navigation Manual attached to the package and CD.

# Part I. Basic Operations

Part I guides you through the process of getting your device running, familiarizes you with the external components, and tells you how to customize system settings.

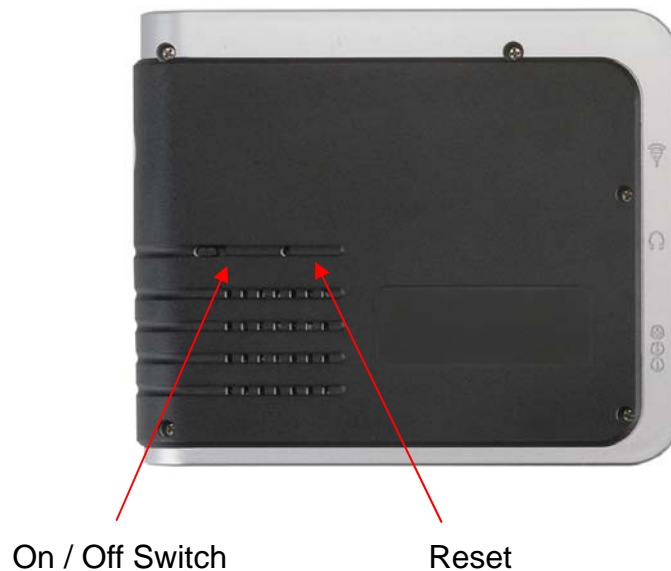
# 1. Getting Started

This chapter gives you step by step instruction for the initial startup and introduces you to the external components of your device.

## 1.1 Setting the ON/OFF Switch

The ON/OFF switch should be set to the ON position for normal operation. Pull out the stylus pen and use it to slide the ON/OFF switch to the ON (left) position.

**CAUTION:** Always leave the ON/OFF switch in the ON position for normal operation.



## 1.2 Connecting to AC Power and Charging the Battery

Fully charge the battery before using your device for the first time.

1. Connect the adapter cable to the left side of your device.
2. Plug the AC adapter into a wall outlet.



- ※ The charge indicator glows orange twinkle when charging is in progress. Do not disconnect your device from AC power until the battery is fully charged. This will take a couple of hours.

## 1.3 Using Your Device in a Vehicle

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

### Using the Car Holder

※ CAUTION:

1. Select an appropriate location for the car holder. Never place the holder where the driver's field of vision is blocked.
2. If the car's windshield is tinted with a reflective coating, an external antenna (optional) may be needed to route the antenna to the top of the car through a window. When closing the car window, be careful not to pinch the antenna cable. (Cars with an anti-jam window design may automatically leave adequate space as needed.)



The car holder consists of a bracket and a dashboard stand. Use the car holder to mount your device in a vehicle.

Ps. Subject to varied configurations, the car holders might be different.

## Connecting the Car Charger

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

※ CAUTION: To protect your device against sudden surges in current, connect the car charger only after the car engine has been started.

1. Insert the pin of the charger into the charging socket on the left side of the unit.
2. Connect the other end to the cigarette lighter socket and charge your device.

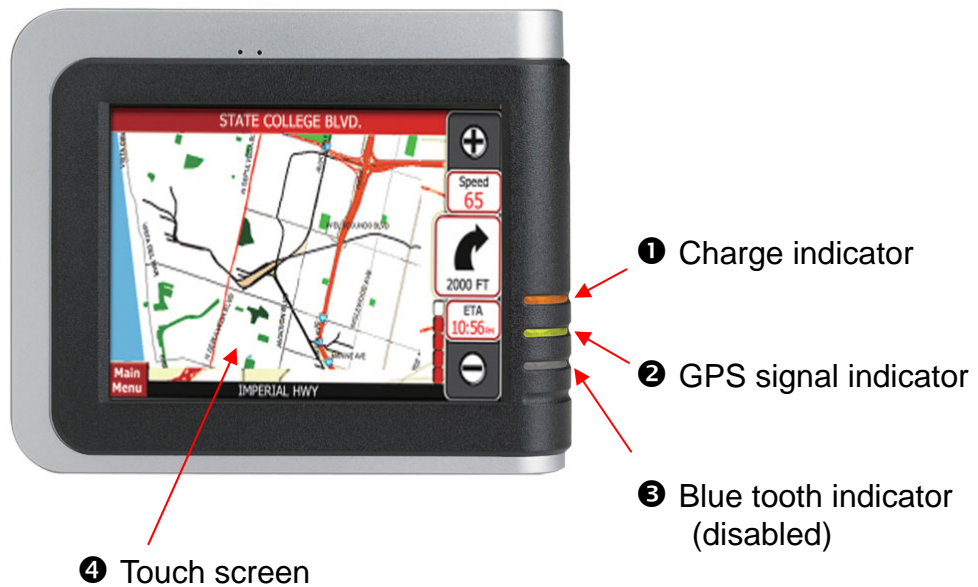




## 1.4 Understanding Hardware Features

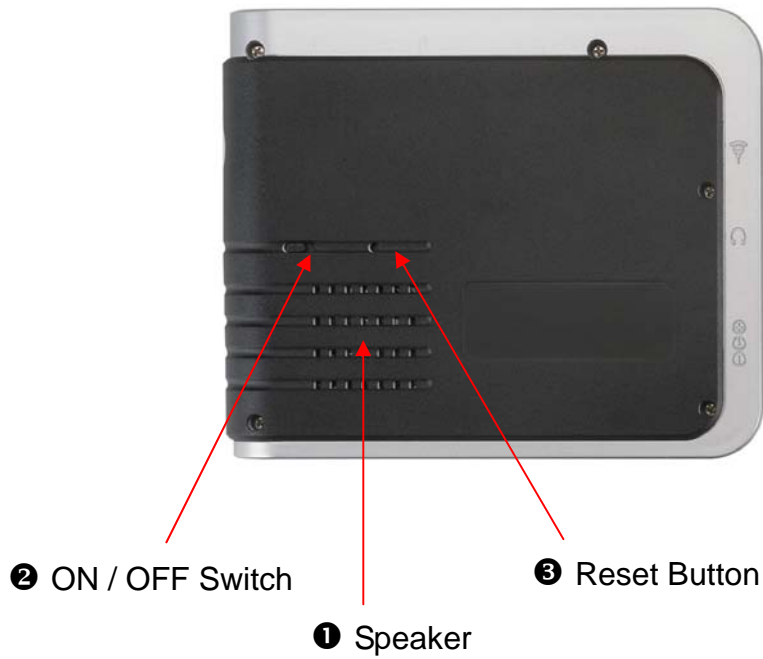
NOTE: Depending upon the specific model purchased, the color of your device may not exactly match the device shown in this manual.

### Front Components



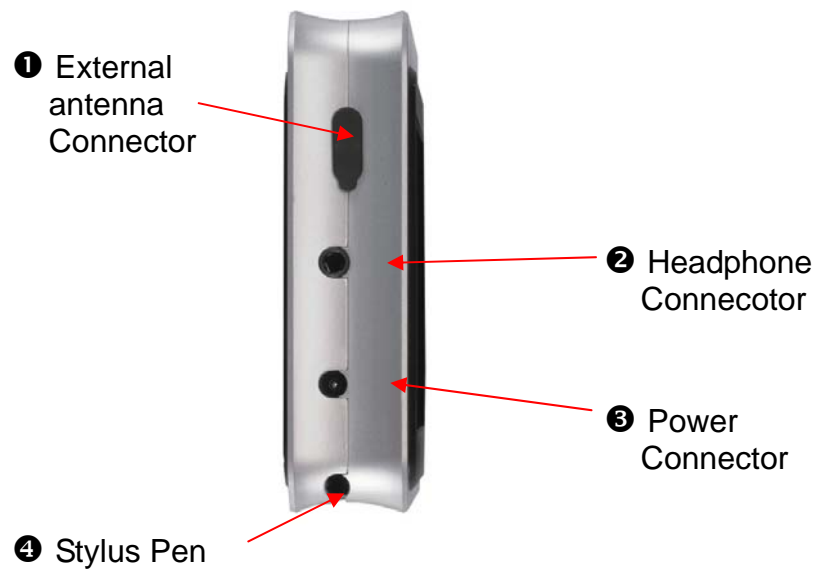
Ref	Component	Description
①	<b>Charge Indicator</b>	<ul style="list-style-type: none"> <li>◆ Battery Full – Orange (Static)</li> <li>◆ Battery in charging -- Orange (twinkle)</li> </ul>
②	<b>GPS signal indicator</b>	<ul style="list-style-type: none"> <li>◆GPS Signal in allocating – Yellow (twinkle)</li> <li>◆GPS Signal allocation finished – Yellow (static)</li> </ul>
③	<b>Blue tooth indicator</b>	<ul style="list-style-type: none"> <li>◆Disabled</li> <li>※ Blue tooth only support Model No.NAV-6220</li> </ul>
④	<b>Touch Screen</b>	<ul style="list-style-type: none"> <li>◆Displays the output of your device. Tap the screen with the stylus pen to select menu commands or enter information.</li> </ul>

## Back Components



Ref	Component	Description
❶	<b>Speaker</b>	Sends out music, sounds and voice.
❷	<b>ON/OFF Switch</b>	The main power/battery cutoff switch.
❸	<b>Reset Button</b>	Restarts your device (soft reset).

## Left-Side Components



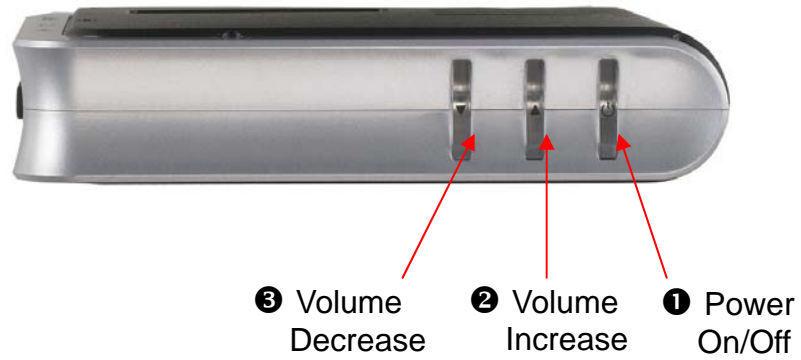
Ref	Component	Description
①	<b>External Antenna Connector</b>	This connector (under rubber dust cover) allows use of an optional external antenna with magnetic mount, which may be positioned on top of the car for better signal reception in areas with poor reception.
②	<b>Headphone Connector</b>	Connects to stereo headphones.
③	<b>Power Connector</b>	Connects to the AC adapter.
④	<b>Stylus Pen</b>	For use on the touch screen. Stylus pen is stored as shown above.

## Right-Side Components



Ref	Component	Description
1	SD/MMC Slot	Accepts a SD (Secure Digital) or MMC (MultiMediaCard) card for accessing data such as maps and MP3 music. <b>NOTE:</b> Before using GPS navigation software and maps, you need to insert the storage card included with your device. Do not remove the card during GPS operation.

## Top Components



Ref	Component	Description
❶	Power ON/OFF	Turn on and turn off the power.
❷	Volume Increase	Press the button to increase the volume
❸	Volume Decrease	Press the button to decrease the volume

## Bottom Components




Ref	Component	Description
1	Stylus Pen	Tap on the touch screen to make selections and enter information. Pull the stylus pen out of its slot to use it, and store it in the slot when not in use.

## 2. Basic Skills

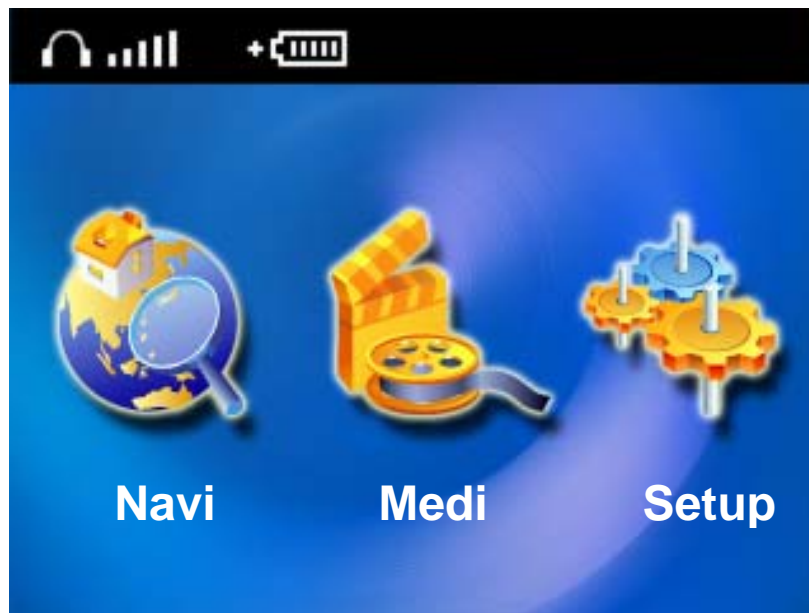
This chapter guides you through the process of using your device and familiarizes you with the basic operations such as using the stylus pen and navigation pad..

### 2.1 Turning On and Off Your Device



Use the power button  on the top side of your device to turn on and off your device.

When you turn on the device for the first time, the Main screen appears as shown below. There are three buttons on the Main screen: Navi, Media, and Setup. Each button represents a function or feature. To use a function, just tap the corresponding button. (For more information, refer to the following chapters.)






When you press the power button to turn off the unit, your device actually enters a suspend state and the system stops operating. Once you turn on the system again, it resumes.

## 2.2 Operating Your Device

To operate your device, use the hardware buttons and/or the stylus pen.

### Using Hardware Buttons

Button	Name	Description
	Power On/Off	Turns on and off the device.
	Volume	Volume Increase
	Volume	Volume Decrease

### Stylus Pen

The stylus pen is your input device. You use it to select objects such as command and option on the screen.

Pull the stylus pen out of the slot for ease of use. Store it in the slot when not in use.





You can use the stylus pen to do the following actions:

- ◆ Tap  
Touch the screen once with the stylus pen to open items or select options.
- ◆ Drag  
Hold the stylus pen on the screen and drag up/down/left/right or across the screen.
- ◆ Tap and hold  
Tap and hold the stylus until an action is complete, or a result or menu is shown.

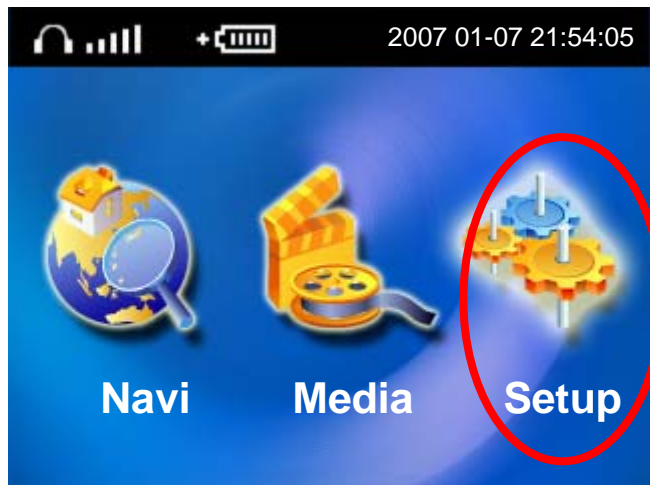


# 3. System Settings

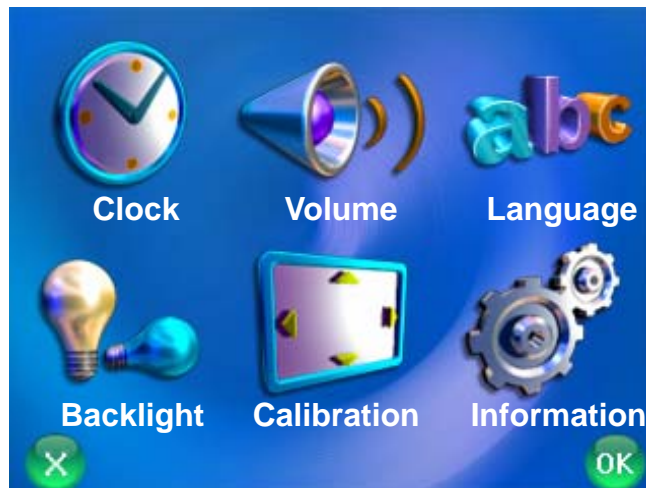
Your device is supplied with default settings. You may also customize the settings to suit your personal needs. Once you change settings, your new settings will remain until either you change them again, or until battery cut off switch is turned off and then back on again, which resets the unit to factory defaults.

## 3.1 Using System Settings

Tap the Setup button on the Main screen.



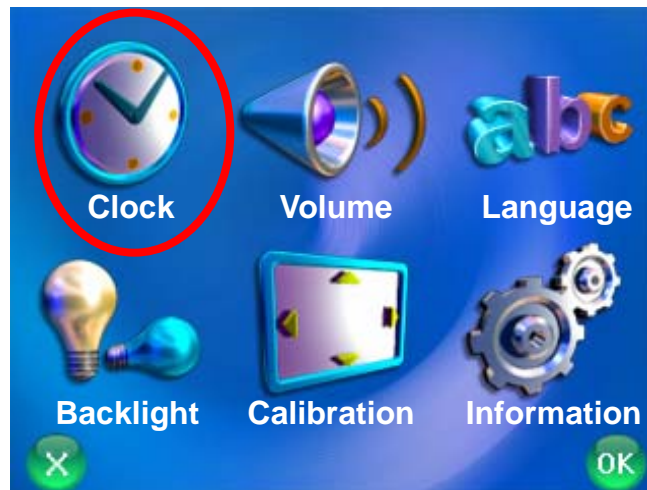
The Setup screen contains six buttons as shown below. The following sections describe these six buttons and their functions.



## 3.2 Clock

To set the clock:

1. Tap the Clock button on the Setup screen.



2. A calendar will pop up showing TimeZone, Date and Time as shown below.



3. Tap the down arrow to go to the TimeZone setting as shown below.



Tap the right arrow or left arrow to select the time zone. Tap the right arrow to “ Yes “ to switch to DST (Daylight Saving Time). Press “OK” to finish time zone setting.



4. Tap the down arrow to select the date as shown below.



To set “YEAR”, tap the right arrow to set “YEAR” forward, and tap the left arrow to set “YEAR” backward.

You can also tap the “MONTH” and “DAY” to change the month and day. Then, press “OK” to confirm the setting.

5. Tap the time box to set the time as shown below.

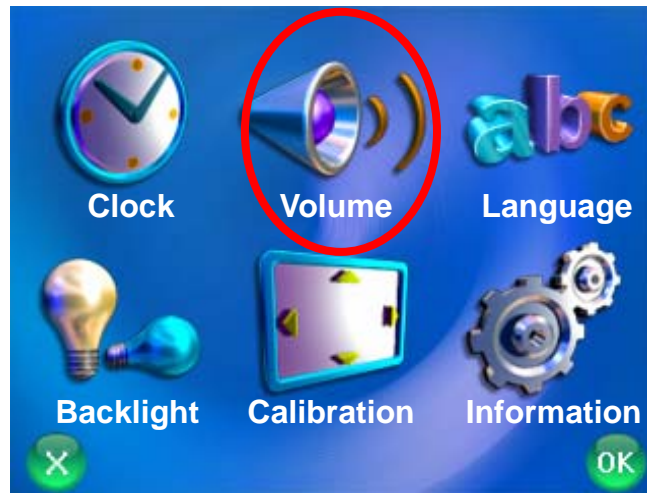


To set “HOUR”, tap the right arrow to set “HOUR” forward, and tap the left arrow to set “HOUR” backward.

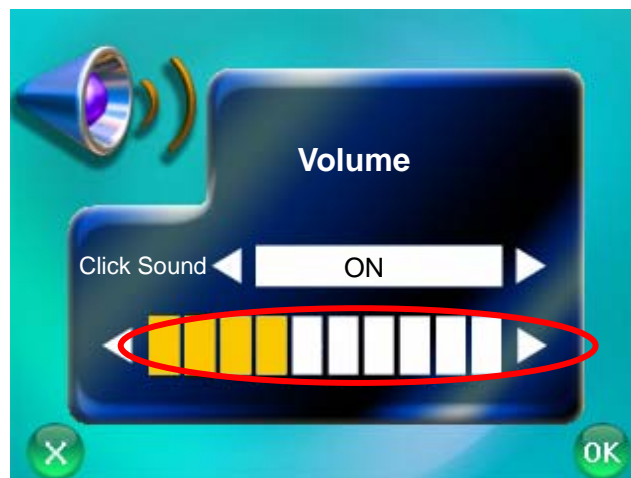
You can also tap the “MINUTE” and “SEC” to change the minute and sec. Then, press “OK” to confirm the setting.

### 3.3 Volume

1. Tap the Setup button on the Main screen.
2. Tap the Volume button on the Setup screen.



To turn up the volume, tap **the right arrow button**.  
To turn down the volume, tap **the left arrow button**.

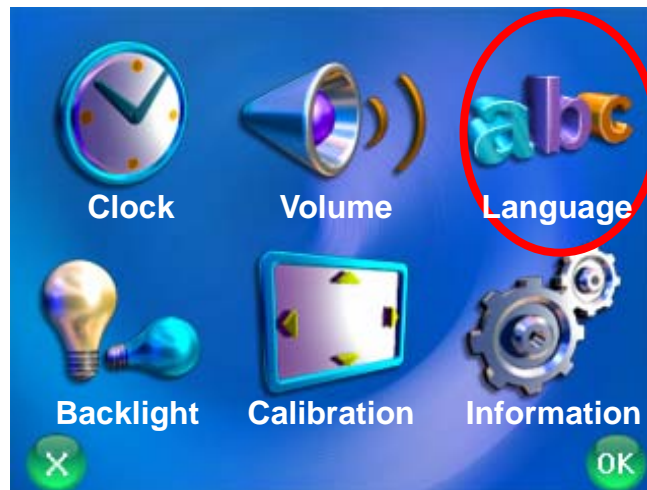


Tap the "OK" button to save the changes and go back to the Settings screen.

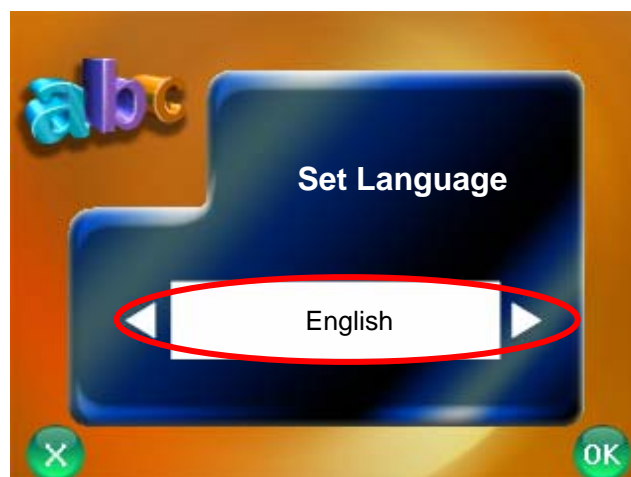
## 3.4 Language

To set the Language:

1. Tap Settings on the Main screen.
2. Tap the Language button on the Setup screen.



3. Tap the language button to select your language.



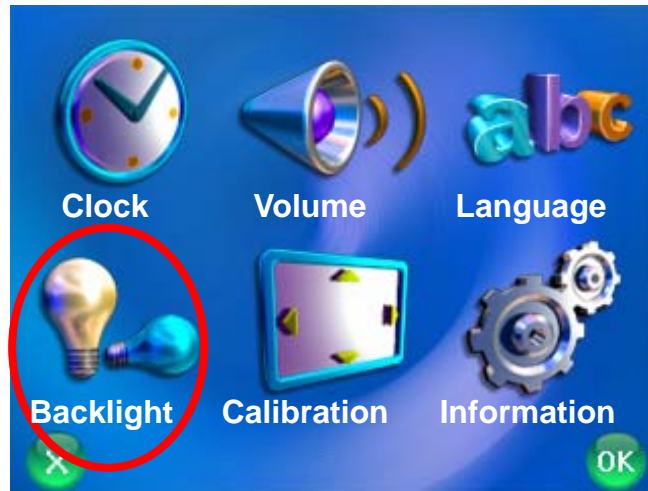
There are English, French, German, Italy, Spanish, Netherlandish, Hungarian, Danish, Greek, Swedish, Estonian, Canadian French, Latin Spanish, Brazil Portuguese, Mexican Spanish, European Portuguese, Icelandic, Ukrainian, Belgian Dutch, Finnish, Norwegian, Czech, Polish, Russian, Turkish, Romanian, Bulgarian, Thai, Malay, Bahasa, Arabic, Hebrew,,etc.

After setting, the screen will show your setting language.

※ According to different areas, the multi-language configurations will be varied.

## 3.5 Backlight

1. Tap Setup on the Main screen.
2. Tap the "Backlight" button on the Setup screen.



### Setting the backlight level

Tap the right arrow button to increase the backlight level, and tap the left arrow button to decrease the backlight level.



### Setting the Idle time

You can set a timer when it is idle for a set period of time.

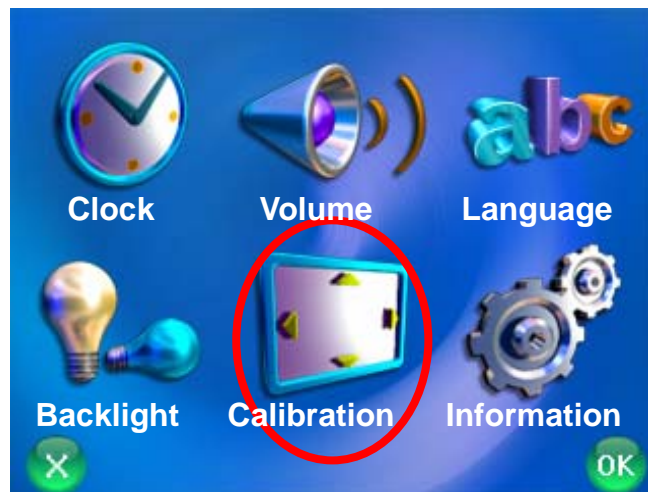
Tap the Idle Time box and select the time. The options are 1 minute, 2 minutes, 5 minutes, and OFF.



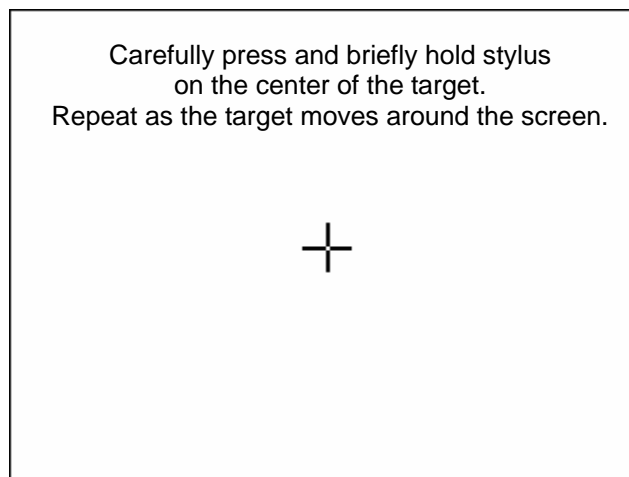
## 3.6 Calibration

You can calibrate the touch screen if it is not responding accurately to your stylus pen taps. This is not an usual occurrence and when the screen loses alignment, please calibrate the screen to get back to normal display.

1. Tap Setup on the Main screen.
2. Tap the Calibration button on the Settings screen.



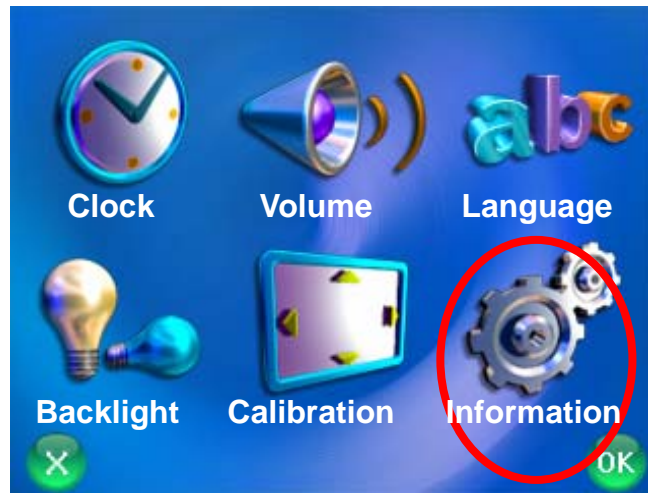
3. Tap and hold the center of the target.



4. When the target moves to another position, tap and hold at the center of the new target. Repeat each time to complete the calibration process.
5. When completed, tap anywhere on the screen.

## 3.7 Information

1. Tap Setup on the Main screen.
2. Tap the "Information" button on the Setup screen.



3. The Information screen will show system information such as RAM, FLASH, and OS as shown below.

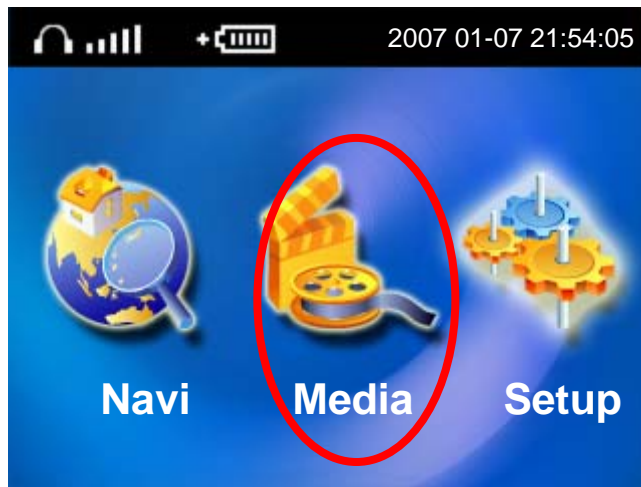


# Part II. Media

Part II introduces MP3 Player, Photo Viewer, Video Player.,etc

## Using Media

Tap the Meida button on the Main screen.



The Media screen contains three buttons as shown below. The following sections describe these three buttons and their functions.



# 4. Using MP3 Player

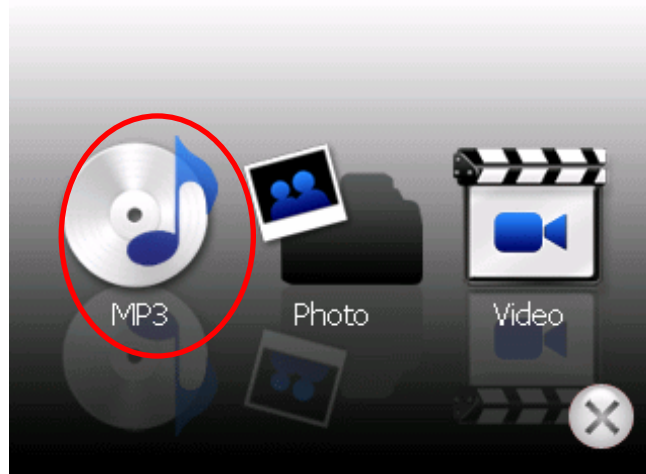
**This chapter tells you how to play MP3 files using your device**

The MP3 Player program turns your device into an MP3 player. It features:

- ※ Playback of MP3 and WAV files
- ※ Basic playback controls such as play, pause, stop, next and previous
- ※ Playback includes single selection playback, repeat, single repeat, normal sequence and random sequence.
- ※ Play list support

## 4.1 Starting and Exiting MP3 Player

Tap MP3 Player on the Media screen to switch to the program.



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



To exit the program, just tap  in the lower right of the screen.

## 4.2 Preparing MP3 Files for Your Device

With the card reader, you can easily copy MP3 files from your computer to a storage card. The MP3 Player can detect MP3 files in all folders of a storage card.




## 4.3 Playing MP3 Files

1. Tap the MP3 Player button on the Main screen to switch to the program
2. To start the playback, tap  To control the playback, use the control buttons as described later.











※ NOTE: When files are added to the play list, the play list is automatically saved when you exit MP3 Player.



3. To exit the program, tap  at the top of the toolbar. You will return to the Main menu.

## 4.4 MP3 Playback Control

You can control the MP3 Player via control buttons. See the table below for details:

Control Button	Name	Description
	Previous	Move to the previous file.
	Play	Play the playback.
	Stop	Stop the playback.
	Next	Move to the next file.
	Volume	Decrease the volume. The indicator on the upper right corner of the panel will show the current volume level.
	Volume	Increase the volume. The indicator on the upper right corner of the panel will show the current volume level.
	Repeat all	Repeat all
	Single playback	Single playback
	Random	Random sequence
	Play List	Open play list.
	Info	Check version
	Exit	Exit MP3 Player

## 4.5 Using Play List


Once the MP3 player is open, by default the system will automatically load all MP3 files in the play list. If you wish to create your own play list, follow the instructions below:

1. To create your own play list in MP3 Player, tap  on the right toolbar.




2. You can use the following buttons to add or delete songs in your play list :

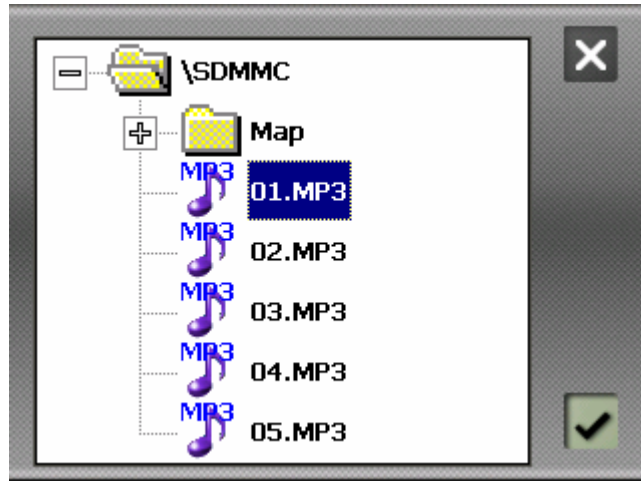
※Add Song

Add a new song to your play list. Tap Add Song icon .




3. Choose a song that you wish to add to your play list . Tap Add Song button  at the bottom of the screen. The new song will appear in your play list.







#### 4. Delete Song

Remove one song from your play list. Choose a song that you wish to delete and tap Delete Song icon .

#### 5. Delete All

Remove all songs from your play list. Tap Delete All icon  on the right toolbar. All songs in your play list will be removed.

6. To return to the control panel, tap  on the right toolbar.

# 5. Using Photo Player

## This chapter tells you how to play Photo files using your device

The Photo Player program turns your device into a Photo player. It features:

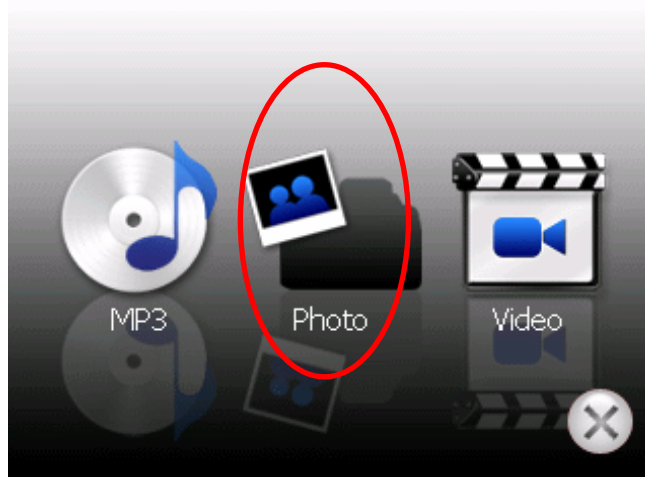
- ※ Playback of JPEG files
- ※ Basic playback controls such as the picture with zoom in/out, rotation in full screen.
- ※ Playback includes single selection playback, repeat, single repeat, sampling playback, normal sequence and random sequence.
- ※ You may browse through the pictures in different modes, file explore mode, thumbnail mode, full screen mode and slide show mode.

### 5.1 Starting and Exiting Photo Player

Tap Video Player on the Media screen to switch to the program.

### 5.2 Photo View Program

The control panel will appear on the screen. You can now easily control the Photo player by tapping the control buttons.















To exit the program, just tap  in the lower right of the screen.




### 5.3 Preparing Photo Files for Your Device

With the card reader, you can easily copy Photo files from your computer to a storage card. The Photo Player can detect Photo files in all folders of a storage card.

### 5.4 Photo Playback Control

You can control the Photo Player via control buttons. See the table below for details:

Control Button	Name	Description
	Back	Back to previous layer
	Play	Play slide show
	Info	Check version
	Exit	Exit the program
	Previous	Back to previous page
	Next	Forward to next page
	Previous	Play the previous file
	Next	Play the next file
	Zoon in	Zoom in the photo
	Zoom out	Zoom out the photo

	Display	Normal Display
	Right Rotate	Play file in Right Rotation
	Left Rotate	Play file in Left Rotation

## 5.5 Display Mode

You may browse through the pictures in four different modes, file explore mode, thumbnail mode, full screen mode and slide show mode.

### ① File explore mode

1. Tap Photo Player on the Main screen to switch to the program.
2. The default screen will show the explore mode of data structure and include all folders and files in the SD/MMC card.



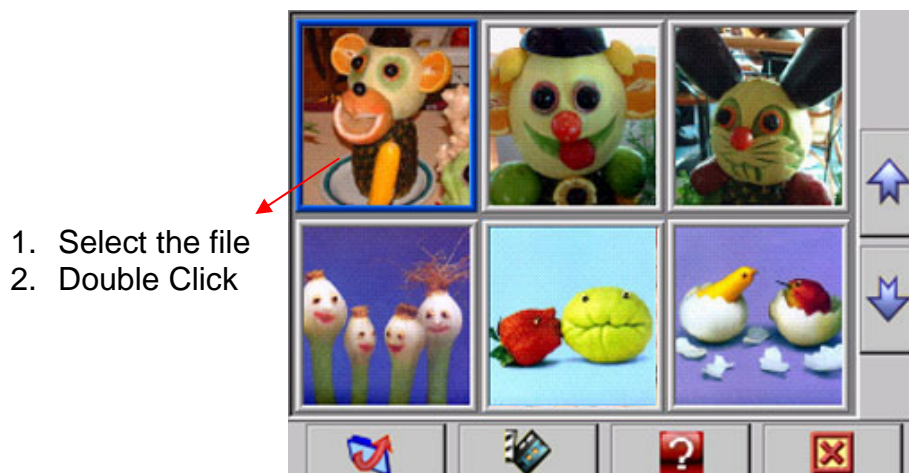
### ② Thumbnail Mode

1. Tap Photo Player on the Main screen to switch to the program.
2. When you browse the files in the folder, the relative photo files will be shown in thumbnail mode of the window.






### ③ Full screen mode

1. Tap Photo Player on the Main screen to switch to the program.
2. Tap the photo file in the window and double click.



3. The selected file will be shown in full screen mode.




- The photo program will automatically detect the photo files on your flash cards. If you are going to browse the next photo, please tap  icon and it will show the next image. If you are going to browse the previous photo, please tap  icon and it will show the previous image.
- To return to the control panel, tap  on the right toolbar.

#### ④ Slide Show Mode

- Tap Photo Player on the Main screen to switch to the program.
- Tap the photo file in the window and double click.



- Tap  icon and it will show the photos in slide show.
- The photo program will play the photos in full screen.
- The slide show mode will offer more than 10 different transition effects which will make your slide show more outstanding.



## 5.6 Browse Photo


It supports 24-bit true color images. You can browse the picture with zoom in/out and rotation in full screen

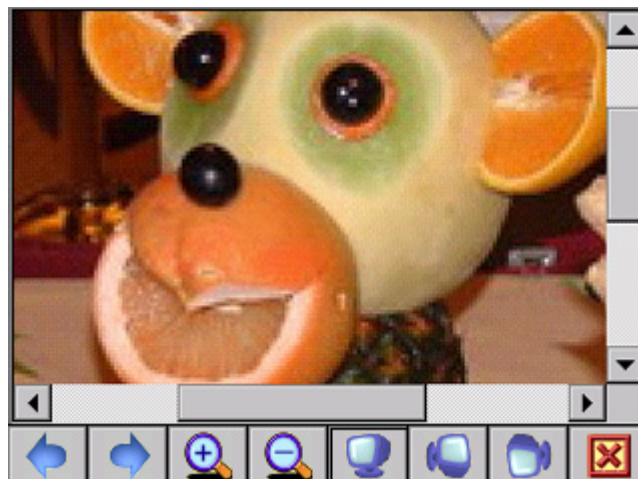
① Full screen


② Zoom in/out

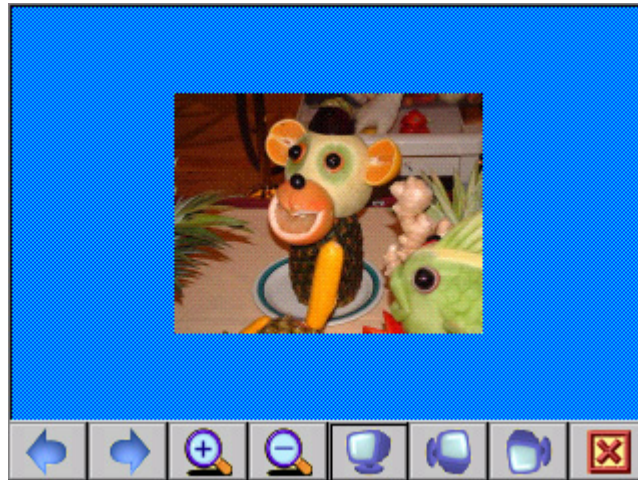
1. Tap Photo Player on the Main screen to switch to the program.
2. Tap the photo file in the window and double click it.



3. Tap  icon and you may browse the photo in zoom in mode.



4. Tap  icon and you may browse the photo in zoom out mode.




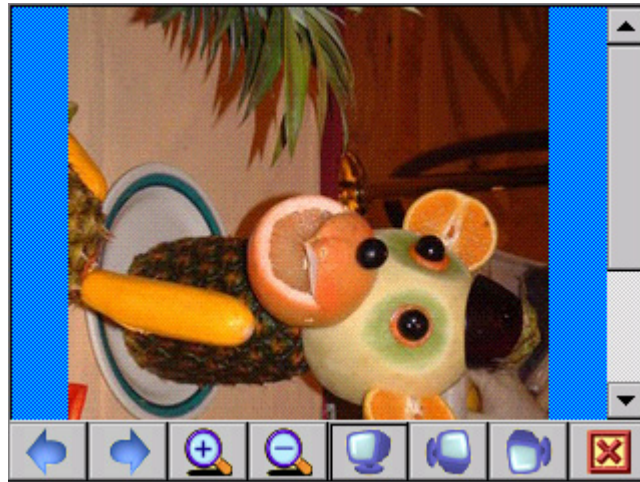
### ③ Photo browse in Rotation


1. Tap Photo Player on the Main screen to switch to the program.
2. Tap the photo file in the window and double click it.  
Add 2 Landscape mode (rotate left & right) in image view

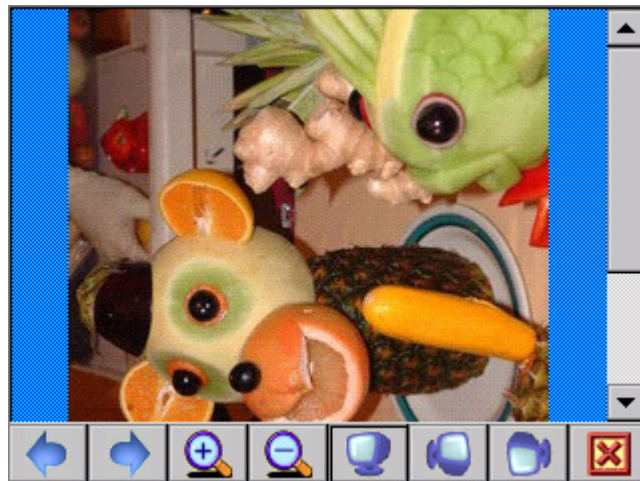




3. Tap  icon, the image will be roated to the right.



4. Tap  icon, the image will be roated to the left.



# 6. Using Video Player

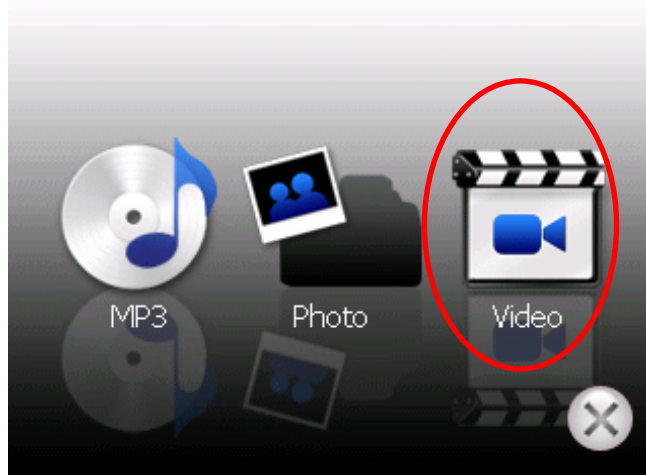
**This chapter tells you how to play Video files using your device**

The Video Player program turns your device into an Video player. It features:

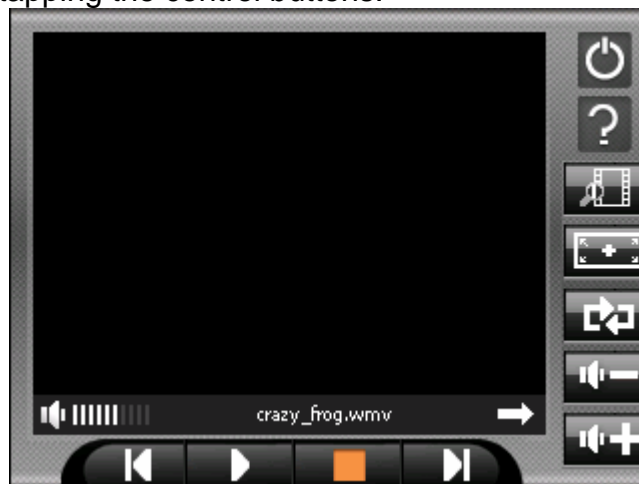
- ※ Playback of WMV, ASF and MPEG (Microsoft format) files
- ※ Basic playback controls such as play, pause, stop, next and previous
- ※ Playback includes single selection playback, repeat, single repeat, sampling playback, normal sequence and random sequence.
- ※ Play list support

## 6.1 Starting and Exiting Video Player

Tap Video Player on the Main screen to switch to the program.



The control panel will appear on the screen. You can now easily control the Video player by tapping the control buttons.




To exit the program, just tap  in the lower right of the screen.

## 6.2 Preparing Video Files for Your Device


With the card reader, you can easily copy Video files from your computer to a storage card. The Video Player can detect Video files in all folders of a storage card.

## 6.3 Playing Video Files

1. Tap the Video Player button on the Main screen to switch to the program
2. To start the playback, tap  To control the playback, use the control buttons as described later.






※NOTE: When files are added to the play list, the play list is automatically saved when you exit MP3 Player.











3. To exit the program, tap  at the top of the toolbar. You will return to the Main menu.

## 6.4 Video Playback Control

You can control the MP3 Player via control buttons. See the table below for details:

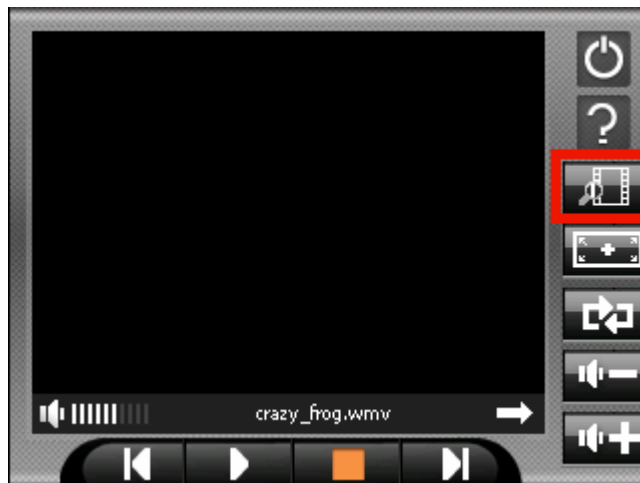
Control Button	Name	Description
	Play	Play the playback.
	Stop	Stop the playback.
	Pause	Pause the playback
	Previous	Move to the previous file.
	Next	Move to the next file.

	Volume	Decrease the volume. The indicator on the upper right corner of the panel will show the current volume level.
	Volume	Increase the volume. The indicator on the upper right corner of the panel will show the current volume level.
	Repeat all	Repeat all
	Single playback	Single playback
	Random	Random sequence
	Play List	Open play list.
	Info	Check version
	Exit	Exit MP3 Player

## 6.5 Using Play List


Once the Video player is open, by default the system will automatically load all Video files in the play list. If you wish to create your own play list, follow the instructions below:

1. To create your own play list in Video Player, tap .




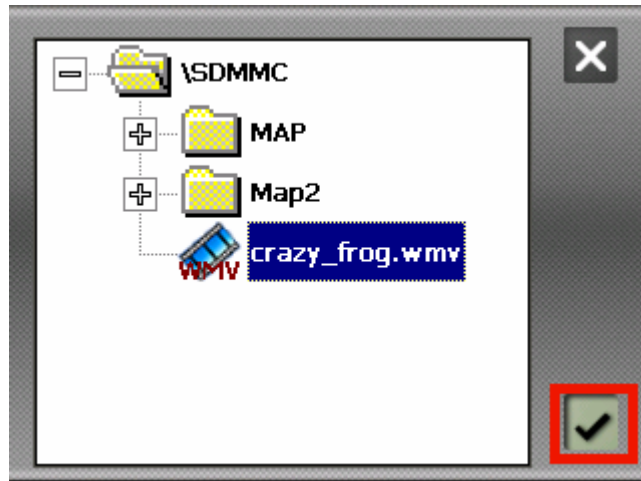
2. You can use the following buttons to add or delete songs in your play list :

※Add file


Add a new file to your play list. Tap Add file icon  on the right toolbar.




3. Choose a file that you wish to add to your play list . Tap Add file button  at the bottom of the screen. The new video file will appear in your play list.



#### 4. Delete file

Remove one file from your play list. Choose a file that you wish to delete and tap Delete file icon .

#### 5. Delete All

Remove all files from your play list. Tap Delete All icon  on the right toolbar. All files in your play list will be removed.

6. To return to the control panel, tap  on the right toolbar.