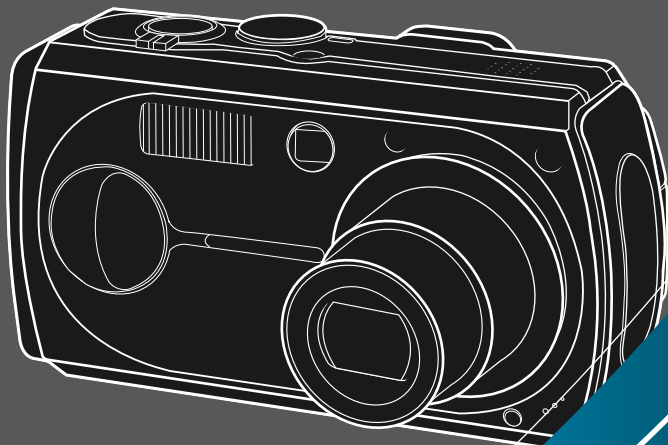


**SAMSUNG**

**SAMSUNG DIGIT*all***  
everyone's invited™



**ENGLISH**



## **SAMSUNG CAMERA**

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### **User's Manual**

# ***Digimax V70***

Thank you for buying a Samsung Camera.

This manual will guide you through using the camera, including capturing images, downloading images and using the application software. Please read this manual carefully before using your new camera.

# Instructions

- Use this camera in the following order

**Set up the camera driver**

Before connecting the camera to a PC, via the USB cable, you will need to set up the camera driver. Install the camera driver that is contained in the Application S/W CD-ROM.(p.98)

**Take a picture**

Take a picture (p.22)

**Insert the USB cable**

Insert the supplied USB cable into the PC's USB port and the camera's USB connection terminal.(p.107)

**Check the camera's power**

Check the camera's power  
If the power is turned off, press the camera button to power it on.(p.28)

**Check [Removable Disk]**

Open Window's EXPLORER and search for [Removable Disk].(p.108)

- To play back a video shot with this camera, be sure to use the QuickTime player supplied on the software CD-ROM. Applications that do not support the MPEG-4 codec (e.g., Windows Media Player) may not be able to play back the video.
- If you use a card reader to copy the images on the memory card to your PC, the images could be damaged. When transferring the images taken with the camera to your PC, be sure to use the supplied USB cable to connect the camera to your PC. Please note that the manufacturer holds no responsibility for loss or damage of images on the memory card due to the use of a card reader.

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# Getting to know your camera

Thank you for buying a Samsung Digital Camera.

- Prior to using this camera, please read the user manual thoroughly.
  - When you require After Sales service, please bring the camera and the cause of the camera malfunction (such as Batteries, Memory card etc.) to the A/S center.
  - Please check that the camera is operating properly prior to when you intend to use it (e.g. for a trip or an important event) to avoid disappointment. Samsung camera takes no responsibility for any loss or damages that may result from camera malfunction.
  - Keep the manual in a safe place.
- \* Microsoft, Windows and Windows logo are registered trademarks of Microsoft Corporation incorporated in the United States and/or other countries.
- \* Apple, Mac and QuickTime logo are registered trademarks of Apple computer.
- \* All brand and product names appearing in this manual are registered trademarks of their respective companies.

## About the icons

This manual contains instructions on using this camera that will help you to use this camera safely and correctly. This will help prevent danger and injury to others.



### **DANGER**

DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



### **WARNING**

WARNING indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.



### **CAUTION**

CAUTION indicates a potentially hazardous situation, which, if not avoided, may result in a minor or moderate injury.

## Information to the user

NOTE: 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.

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

# Danger

- Do not attempt to modify this camera in any way. This may result in fire, injury, electric shock or severe damage to you or your camera. Internal inspection, maintenance and repairs should be carried out by your dealer or Samsung Camera Service Center.
- Please do not use this product in close proximity to flammable or explosive gases, as this could increase the risk of explosion.
- Should any form of liquid or a foreign object enter the camera, do not use it. Switch off the camera, and then disconnect the power source (batteries or AC Power Adapter). You must contact your dealer or Samsung Camera Service Center. Do not continue to use the camera as this may cause a fire or electric shock.
- Do not insert or drop metallic or inflammable foreign objects into the camera through access points e.g. the memory card slot and battery chamber. This may cause a fire or electric shock.
- Do not operate this camera with wet hands. This could pose a risk of electric shock.

# DANGER

## Warning

- Do not use the flash in close proximity to people or animals. Positioning the flash too close to your subject's eyes, may cause eyesight damage.
- When taking photographs, never point the lens of the camera directly into very strong light. This may result in permanent damage to your eyesight.
- For safety reasons keep this product and accessories out of reach of children or animals to prevent accidents e.g.:
  - Swallowing batteries or small camera accessories. If an accident should occur, please consult a doctor immediately.
  - There is the possibility of injury from the camera's moving parts.
- Batteries and camera may become hot during prolonged use and it may result in camera malfunction. Should this be the case, allow the camera to sit idle for a few minutes to allow it time to cool.
- Do not recharge non rechargeable batteries. This may cause an explosion.
- Do not leave this camera in places subject to extremely high temperatures, such as a sealed vehicle, direct sunlight or other places of extreme variances in temperature. Exposure to extreme temperatures may adversely affect the camera's internal components and could cause a fire.
- When in use, do not cover the camera or AC Power Adapter. This may cause heat to build up and distort the camera body or cause a fire. Always use the camera and its accessories in a well-ventilated area.

# Caution

- Leaking, overheating, or burst batteries could result in fire or injury.
  - Use batteries with the correct specification for the camera.
  - Do not short circuit, heat or dispose of batteries in fire.
  - Do not insert the batteries with the reverse polarities.
- Remove the batteries when not planning to use the camera for a long period of time. Batteries may leak corrosive electrolyte and irreparably damage the camera's components.
- Do not fire the flash while it is in contact with hands or objects. Do not touch the flash after using it continuously. It may cause burns.
- Do not move the camera while it is switched on, if you are using the AC Power Adapter. After use, always switch off the camera before unplugging the adapter from the wall socket. Then make sure that any connector cords or cables to other devices are disconnected before moving the camera. Failure to do so may damage the cords or cables and cause a fire or electric shock.
- A non-rechargeable (disposable) battery can be used but has a short lifespan because of its relatively low battery capacity. We recommend the rechargeable battery which has a bigger capacity and longer lifespan than the non rechargeable type. (Rechargeable batteries may not be available everywhere).

## An FCC warning

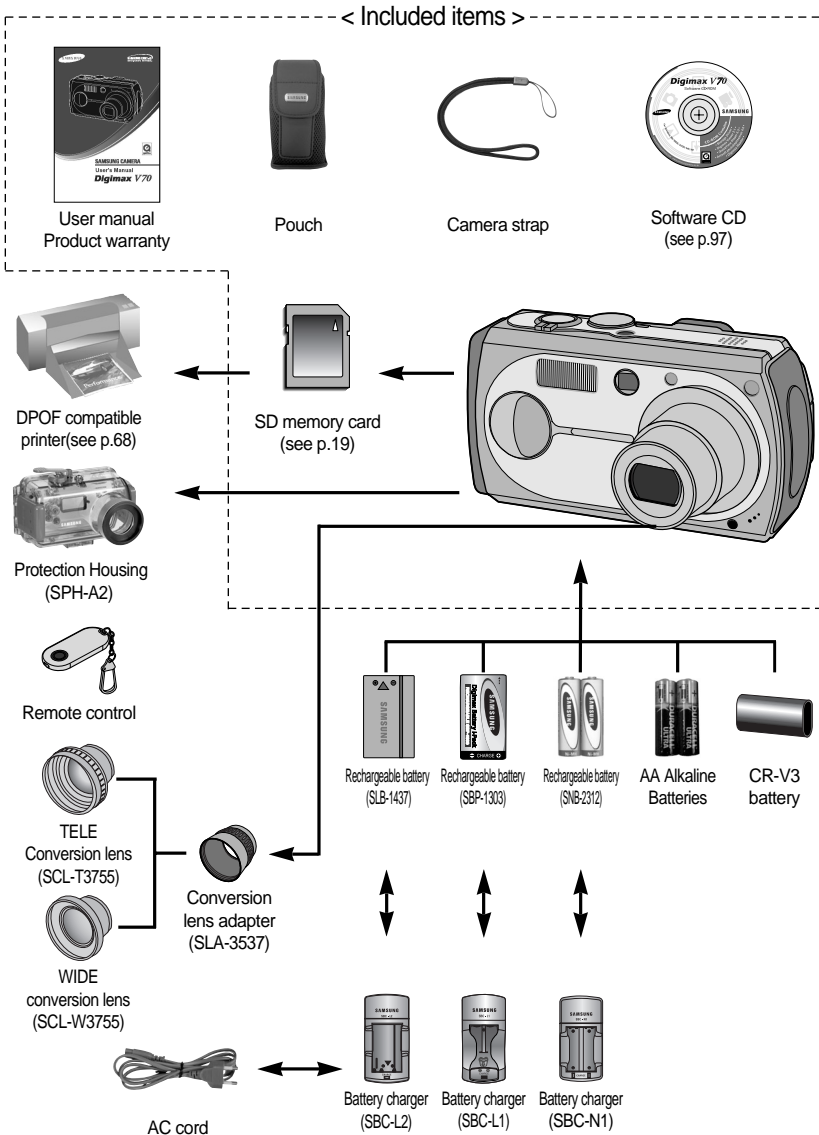
• This device has been tested in accordance with the limits of a class B digital device under item 15 of the FCC rules. These limits are designed to provide protection against harmful interference in commercial installation. This equipment generates, absorbs and can emit radio frequency energy. If it is not installed and used in accordance with the instructions, it may cause harmful interference to radio communication. There is however, no guarantee that interference will not occur in some situations. Should any interference occur when this device is in operation, please try one or more of the following measures.

- Change the location and direction of any aerial.
  - Increase distance between the camera and the affected device.
  - Use a different socket away from the affected device.
  - Please contact a Samsung agent or a radio/TV engineer.
- This device complies with part 15 of the FCC Rules.
- Changes or modifications not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.



# System chart

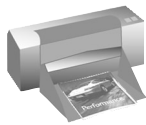
Please check that you have the correct contents before using this product. The contents can be varied depending on the sales region. To buy the optional equipment, contact your nearest Samsung dealer or Samsung service centre.



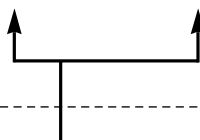
# System chart



Computer  
(see p.107)



PictBridge compatible  
printer(see p.71)



USB cable



AV cable



External monitor  
Yellow color - Video  
White color - Voice  
(see p.83)

## System Requirements

### For Windows

- PC with processor better than MMX Pentium 233MHz (XP : Pentium II 300MHz)
- Windows 98/ 98SE/ 2000/ ME/ XP
- Minimum 32MB RAM (XP : 128MB)
- 140MB of available hard-disk space
- USB port
- CD-ROM drive
- 800x600 pixels, 16-bit colour display compatible monitor (24-bit colour display recommended)

### For Macintosh

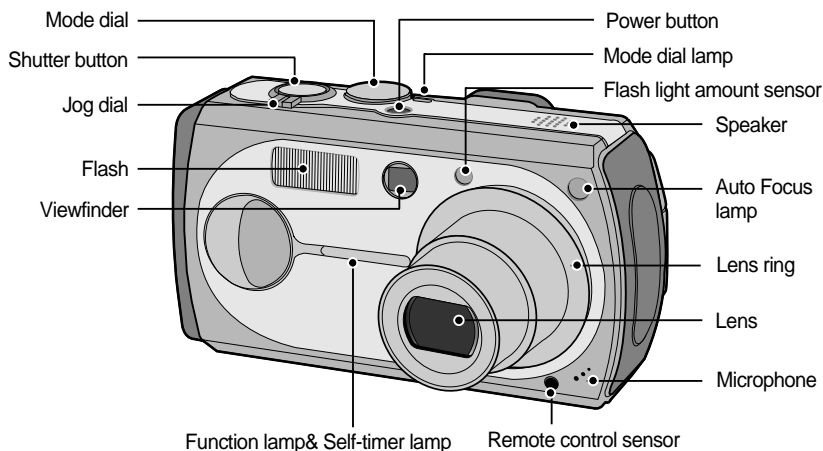
- Power Mac G3 or later
- Mac OS 9.0 ~ 10.3
- Minimum 64MB RAM
- 110MB of available hard-disk space
- USB port
- CD-ROM drive
- QuickTime 6.0 or later for Movie Clip

## CAUTION

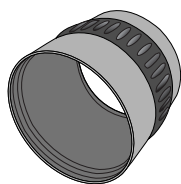
When you connect the camera to a computer, printer or external monitor, you have to use the USB/ Video cable supplied with the camera, or the external devices can't recognize the camera.

# Identification of features

## Front & Top

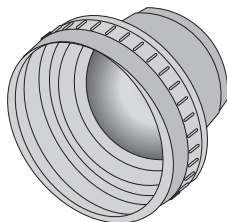


※ SCL-T3755/W3755 conversion lens and SLA-3537 connection adapter are designed for the Digimax digital cameras. They are sold separately depends on the camera model. Please check local retailers for the purchase. Please see page 30 or included manual for the usage.



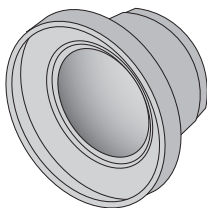
Conversion lens adapter

- Model Name: SLA-3537
- Used to attach a WIDE/ TELE conversion lens to the camera.



TELE Conversion lens

- Model Name: SCL-T3755
- Extends camera lens focus to 1.7 times.

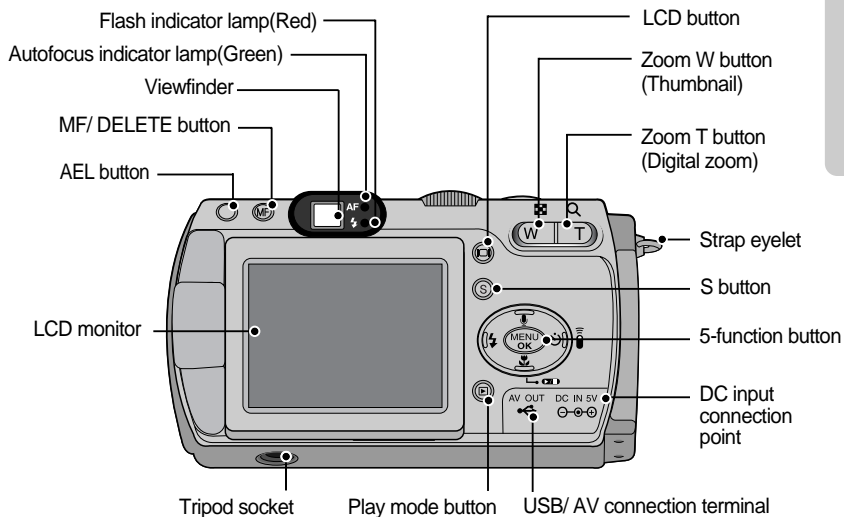


WIDE conversion lens

- Model Name: SCL-W3755
- Extends camera lens focus to 0.7 times.

# Identification of features

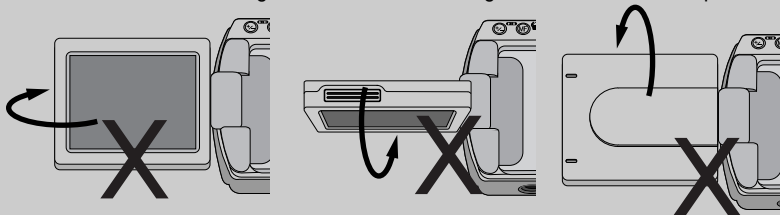
## Back & Bottom



\* When using the digital zoom to take a picture, the composition of the picture may be different depending on whether you are using the LCD monitor or the viewfinder. The picture will be taken in the composition of the picture as it appears on the LCD monitor.

## INFORMATION

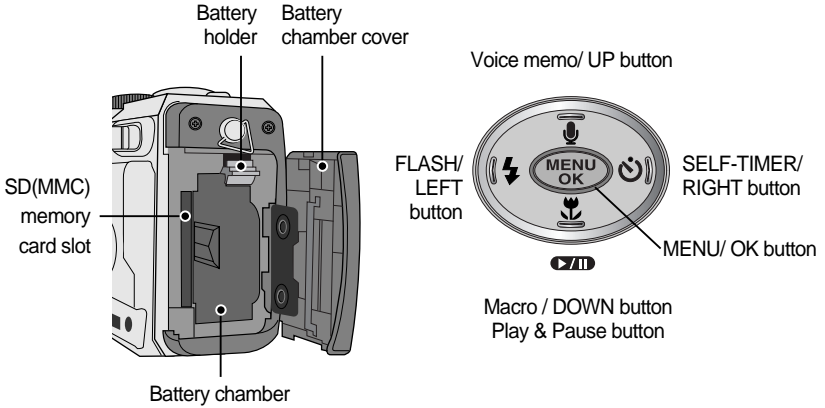
- Please keep the LCD monitor closed while not using the camera.
- Please do not over twist the rotational LCD monitor to prevent camera damage.  
Rotational range : 180 degrees horizontal to the camera.  
180 degrees to forward and 90 degrees to backward while opened.



Please do not flip or twist the LCD monitor to the arrow direction.

# Identification of features

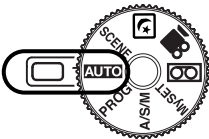
## Side/ 5-function button



## Mode dial

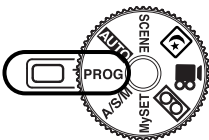
- You can select the desired working mode by using the mode dial located on the top of the camera. This digital camera has 8 recording modes. These are listed below.

- AUTO mode



Please select this mode for quick and easy picture taking with minimal user interaction.

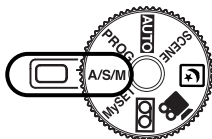
- PROGRAM mode



Selecting the automatic mode will configure the camera with optimal settings. You can still manually configure all functions except the iris and shutter speed.

# Identification of features

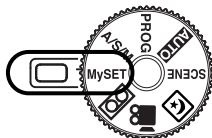
## ● A/S/M mode



The Aperture and Shutter can be set manually in the ASM mode.

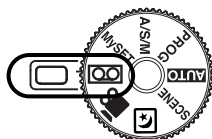
- A : Aperture priority mode
- S : Shutter priority mode
- M : Manual mode

## ● MySET mode



This mode allows users to save frequently used shooting settings for later use.

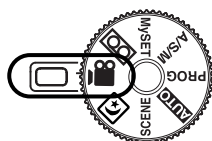
## ● VOICE RECORDING mode



A voice recording can be recorded for as long as the available recording time of the memory capacity allows.(Max : 1 hour)

- Voice recording file type : \*.wav

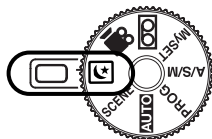
## ● MOVIE CLIP mode



A movie clip can be recorded for as long as the available recording time of the memory capacity allows.

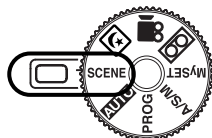
- Image size : 640x480, 320x240 (user selectable)
- Movie clip file type : \*.mov

## ● NIGHT SCENE mode



This mode is used at night or against a dark background.

## ● SCENE mode



Use the menu to easily configure optimal settings for a variety of shooting situations including portrait, children, landscape, close-up, sunset, dawn, backlight, fireworks, beach scenes & snowscape and text recognition.

# Identification of features

## ■ Function lamp & Self-timer lamp

Function	Description
Power on	Blue light blinks and then turns off when the camera is ready to take a picture.
After taking a picture	Blue lamp blinks once.
While movie recording	Blue lamp blinks at a 1-second interval.
While voice recording	Blue lamp blinks at a 1-second interval.
After selecting the remote controller mode	Blue lamp blinks at a 1-second interval.
While the self timer is functioning	For the first 7 seconds, the lamp blinks at 1 second intervals. For the final 3 seconds, the lamp blinks quickly at 0.25 second intervals. * The lamp will function while using the self-timer even if the configuration is set to off the lamp. (Based on 10-second Self-timer; see p. 37)

## ■ Auto focus indicator lamp

Color	Status	Camera Status
Green	Blinking	Recording Mode (lightly press the shutter button): Not focused. PC Mode: Transmitting Data.
	On	Recording Mode (lightly press the shutter button): Focused. PC Mode: When the USB cable is inserted.

## ■ Mode dial lamp

Color	Status	Camera Status
Green	On	Turned off the LCD with the LCD button.

## ■ Flash indicator lamp

Color	Status	Camera Status
Red	Blinking	Flash in the process of charging.
	On	Flash ready.

## ■ Mode icons

MODE	AUTO	PROGRAM	A/S/M			MySET	VOICE RECORDING	MOVIE CLIP	NIGHT SCENE	PLAY
Icon										
MODE	SCENE									
	PORTRAIT	CHILDREN	LANDSCAPE	CLOSE-UP	SUNSET	DAWN	BACKLIGHT	FIREWORKS	BEACH&SNOW	TEXT
Icon										

# Connecting to a Power Source

■ There are two ways in which to provide the camera with power. You can use batteries or alternatively, you can use an AC(100 ~ 250V) Adapter (DC 5.0V 2.0A).

■ We recommend using batteries for a digital camera (Within a year from the date of manufacture). The batteries are listed below.

Non rechargeable batteries : AA type - Alkaline(High capacity), Ni-Mn(High capacity), Ni-Zn(High capacity), Lithium

CR-V3 type - Lithium

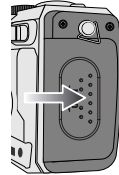
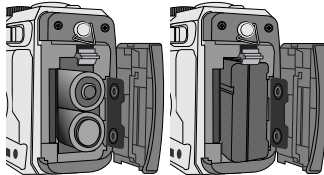
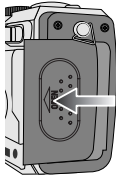
Rechargeable batteries : AA type - Ni-MH (over 2300mAh), Ni-Cd (over 1100mAh)

CR-V3 type - SBP-1303

Exclusive type - SLB-1437

## Using the batteries

: If the camera does not turn on after you have inserted batteries, please check whether the batteries are inserted with the correct polarity(+/-).



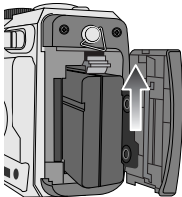
1. Open the battery chamber cover by pushing in the direction of the arrow.

2. Insert the batteries taking note of the polarity (+ / -).

3. To close the battery chamber cover, push it until it clicks.

## Removing the battery

: Please use the following steps to remove the manufacturer's rechargeable battery SLB-1437.



1. Turn off the camera power. Open the battery chamber cover and move the battery holder aside. The battery will be released.
2. Take out the battery and close the battery chamber cover.

■ There are 3 indicators for battery condition that are displayed on the LCD monitor.

Battery indicator			
Battery status	The batteries are fully charged.	Prepare new batteries.	There is no battery capacity. Replace with new batteries.



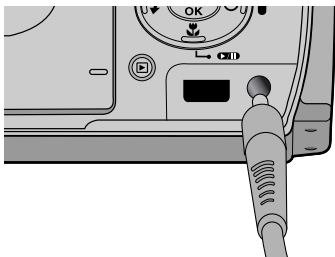
# Connecting to a Power Source

## INFORMATION

### Important information about battery usage

- As for the AA type alkaline battery, you can only use the high capacity type. Do not use the normal type alkaline battery.
- When the camera is not used, turn off the camera power.
- Do not recharge the non rechargeable batteries. It may cause an explosion.
- Please remove the batteries if the camera will not be used for long periods. Batteries can lose power over time and are prone to leaking if kept inside the camera.
- We recommend high capacity ALKALINE batteries as manganese batteries cannot deliver sufficient power.
- Low temperatures (below 0 °C) can affect the performance of the batteries and you may experience reduced battery life.
- Batteries will usually recover at normal temperatures.
- Do not use old and new batteries at the same time.
- During extended use of the camera, the camera body may become warm. This is perfectly normal.
- If the lamps blink once and camera doesn't turn on by pressing the power button, it means that there is no battery capacity. In this case, change the battery with new one.

### Using the AC power adapter (SAC-51, 5.0V)



If you have access to a mains supply, using an AC Adapter (SAC-51, 5.0V) allows the camera to be used for long periods of time.

Plug the adapter into the connection point (DC IN 5.0V) on the camera.

Remove the batteries from the camera when using an AC adapter.

## DANGER

- Always turn off the power before taking the AC adapter out of the mains supply.
- As with all mains powered devices, safety is important. Ensure that neither the camera nor adapter comes into contact with water or metallic materials.
- Please ensure that you use an AC adapter (SAC-51, 5.0V) with the correct specification for the camera. Failure to do so may affect your warranty.

# Instructions on how to use the memory card

## Maintenance of the memory card

- Be sure to format the memory card (see p. 79) if you are using a newly purchased memory for the first time, if it contains data that the camera cannot recognize, or if it contains images captured with a different camera.
- Turn off the camera power whenever the memory card is being inserted or removed.
- Repeated use of the memory card will eventually reduce the memory card's performance. Should this be the case, you will need to purchase a new memory card. Wear and tear on the memory card is not covered by the Samsung warranty.
- The memory card is an electronic precision device.  
Do not bend, drop or subject the memory card to any heavy impact.
- Do not store the memory card in an environment with strong electronic or magnetic fields, e.g. near loud speakers or TV receivers.
- Please do not use or store in an environment where there are extremes in temperature.
- Do not allow the memory card to become dirty or to come into contact with any liquid. Should this happen, clean the memory card with a soft cloth.
- Please keep the memory card in its case when not in use.
- During and after periods of extended use, you may notice that the memory card is warm. This is perfectly normal.
- Do not use a memory card that is used in another digital camera or memory card reader.
- Do not use a memory card formatted by another digital camera or memory card reader.

## Preserving the memory card data

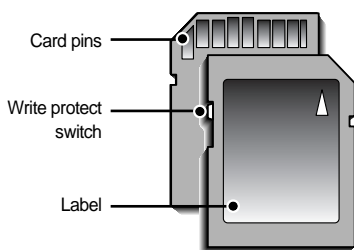
- If the memory card is subjected to any of the following, the recorded data may become corrupted :
  - When the memory card is used incorrectly.
  - If the power is switched off or the memory card is removed while recording, deleting (formatting) or reading.
- Samsung cannot be held responsible for lost data.
- It is advisable to copy important data onto other media as back-up e.g. floppy disks, hard disks, CD etc.
- If there is insufficient memory available : If you press the shutter button for the shot, a [CARD FULL !] message will appear and the camera will not operate.  
To optimize the amount of memory in the camera, replace the memory card or delete unnecessary images stored on the memory.

# Instructions on how to use the memory card

## INFORMATION

- If you open the battery chamber cover when the camera power is turned on, the power will turn off automatically.(Except for the exclusive type SLB-1437 battery)
- Don't remove the memory card when the Auto focus lamp(Green) is blinking as this may cause damage to data in the memory card.

- The camera can use SD Memory Cards, MMC (Multi Media Card).  
Please consult the enclosed manual for using the MMC (Multi Media Card).



[ SD(Secure Digital) memory card ]

The SD memory card has a write protect switch that prevents image files from being deleted or formatted.

By sliding the switch to the bottom of the SD memory card, the data will be protected.

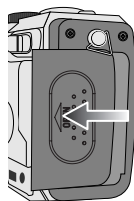
By sliding the switch to the top of the SD memory card, the data protection will be canceled. Slide the switch to the top of the SD memory card before taking a picture.

- When using a 32MB SD memory card, the specified shooting capacity will be as follows.  
(These figures are intended as an indication of expected performance). These figures are approximate as image capacities can be affected by variables such as subject matter.

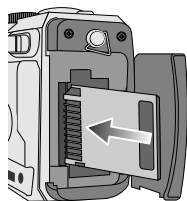
Recorded image size		TIFF	SUPER FINE	FINE	NORMAL	30 FPS	15FPS
Still image	3072X2304	1	8	16	24	-	-
	2816X2112	1	10	19	29	-	-
	2592X1944	1	11	23	35	-	-
	2272X1704	2	15	30	45	-	-
	2048X1536	3	18	36	53	-	-
	1600X1200	5	30	61	91	-	-
	1024X768	12	70	130	183	-	-
640X480	29	183	305	458	-	-	
Movie clip	640X480	-	-	-	-	1MIN 50SEC	3MIN 35SEC
	320X240	-	-	-	-	3MIN 35SEC	6MIN 47SEC

# Inserting the memory card

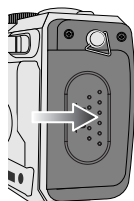
1. Turn off the camera's power and pull the battery chamber cover in the direction of the arrow to open.



2. Have the front of the memory card facing toward the front of the camera (lens) and the card pins toward the back of the camera (LCD monitor), and then push the memory card into the card slot until you hear a click.

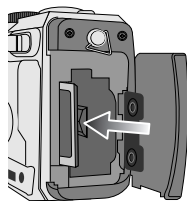


3. To close, push the battery chamber cover until you hear a click. If the memory card does not slide in smoothly, do not attempt to insert it by force. Check the direction of insertion, and then insert it correctly. Do not insert the memory card the wrong way round. Doing so may damage the memory card slot.



## Removing the memory card

1. Turn the power off using the power button. Open the battery chamber cover and press the memory card as shown in the image and release.
2. Remove the memory card and close the battery chamber cover.



# When Using the Camera for the First Time

- If the camera is turned on for the first time, a menu will be displayed to set date, time and language in the LCD monitor. This menu will not be displayed after setting up the date, time and language. Set up the date, time and language before using this camera.

- Setting up the date, time and date type

1. Select the [DATE.TIME] menu by pressing the UP/DOWN button and press the RIGHT button.

2. Press the UP/DOWN/LEFT/RIGHT button to select the desired sub menu and press the OK button.

RIGHT button : Selects YEAR/ MONTH/ DAY/ HOUR / MINUTE/DATE TYPE

LEFT button : Moves the cursor to the [DATE . TIME] main menu if the cursor is at the first item of the date and time setup. In all other instances, the cursor will be shifted to the left of its current position.

UP/ DOWN button : changes the value of each item.



- Setting up the language

1. Select the [LANGUAGE] menu by pressing the UP/DOWN button and press the RIGHT button.

2. Select the desired sub menu by pressing the UP/ DOWN button and press the OK button.



## INFORMATION

- Following languages are supported.

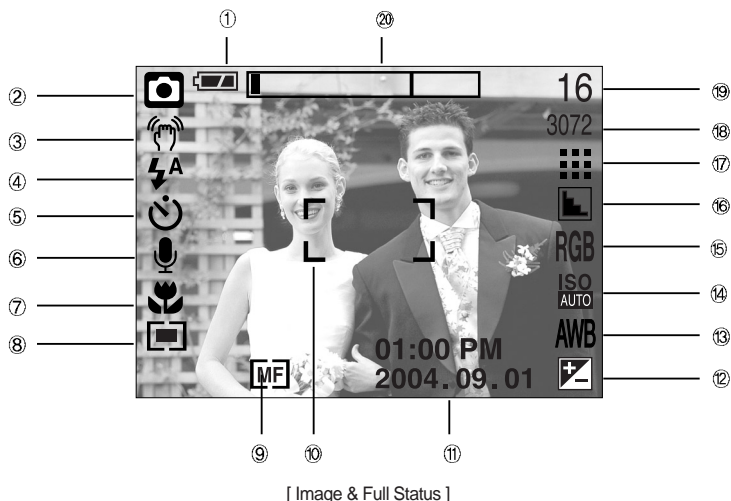
Type A : English, French, German, Spanish, Italian, Russian, Dutch and Portuguese.

Type B : English, Korean, Simplified Chinese, Traditional Chinese, Danish, Swedish, Thai, and Malaysian.

- Even if the camera is restarted, the language setting will be maintained.







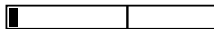
# LCD monitor indicator

- The LCD monitor displays information about the shooting functions and selections.



No.	Description	Icons	Page
1	Battery		p.15
2	Recording mode		p.12-13
3	Camera shake warning		p.27
4	Flash		p.34
5	Self-timer		p.36
6	Voice memo		p.31
7	Macro		p.32
8	Metering		p.50
9	Manual/ Continuous auto focus		p.44
10	Auto focus frame		
11	Date/ Time	2004.09.01 01:00 PM	
12	Exposure compensation		p.39

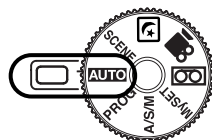
# LCD monitor indicator

13	White Balance		p.40
14	ISO		p.41
15	A/S/M mode		p.42
16	Sharpness		p.51
17	Image quality		p.49
18	Image size / Continuous shot	3072, 2816, 2592, 2272, 2048, 1600, 1024, 640 / 	p.48
19	Number of available shots remaining	16	
	Remaining time (Movie clip/ Voice recording)	00:01:30/ 01:00:00	
20	Optical/ Digital Zoom bar		

## Starting the recording mode

### ■ How to use the AUTO mode ( **AUTO** )

1. Insert the batteries (p.15). Insert the batteries taking note of the polarity (+ / -).
2. Insert the memory card. (p.19)
3. Close the battery chamber cover.
4. Press the power button to turn on the camera.  
(If the date/time that is displayed on the LCD monitor is incorrect, reset the date/time before taking a picture.)
5. Select the AUTO mode by rotating the mode dial.
6. Point the camera towards the subject and compose the image by using either the viewfinder or LCD monitor.
7. Press the shutter button to capture an image.



[ AUTO mode ]

## INFORMATION

- If the auto focus frame turns to red when you press the shutter button down half way, it means that the camera cannot focus on the subject. Should this be the case, the camera is unable to capture an image clearly.

# Starting the recording mode

## ■ How to use the PROGRAM mode ( PROG )

Selecting the automatic mode will configure the camera with optimal settings. You can still manually configure all functions except the aperture value and shutter speed.

Steps from 1-4 are the same as those for AUTO mode.

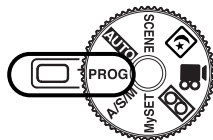
5. Select the PROGRAM mode by rotating the mode dial.

6. Press the menu button to configure advanced functions

such as image size (p.48), quality (p.49), metering (p.50), picture effects (p.50), sharpness (p.51), continuous shooting (p.51) and saving MYSET settings(p.52).

7. Point the camera towards the subject and compose the image by using either the viewfinder or LCD monitor.

8. Press the shutter button to capture an image.



[ PROGRAM mode ]

## ■ How to use the A/S/M mode ( A/S/M )

The Aperture and Shutter can be set manually in the A/S/M mode.

Steps from 1-4 are the same as those for AUTO mode.

5. Select the A/S/M mode by rotating the mode dial.

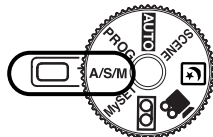
6. Press the S button. If the ASM icon is not displayed, press the Up and Down button to select the ASM icon.

7. Use the Left and Right buttons to select desired shooting mode. A (Aperture priority mode), S (Shutter speed priority mode), and M (Manual mode).

8. Press the OK button to load the selected shooting mode.

9. Press the shutter button to capture an image.

Please see page 42 for details of the A/S/M shooting mode.



[ A/S/M mode ]



# Starting the recording mode

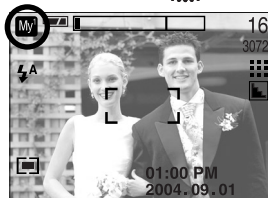
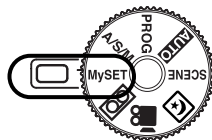
## ■ How to use the MySET mode ( **MySET** )

This mode allows users to save frequently used shooting settings for later use.

Steps from 1-4 are the same as those for AUTO mode.

5. Select the MySET mode by rotating the mode dial.
6. Press the menu button.
7. Use the Left/Right buttons to select the [LOAD] menu tap. Use the Up/Down buttons to select desired MYSET number.
8. Press the OK button to load the camera configuration saved in the MYSET number and close the menu screen.
9. Point the camera towards the subject and compose the image by using either the viewfinder or LCD monitor.
10. Press the shutter button to capture an image.

Please see page 52 for details of the MYSET shooting mode and menus.

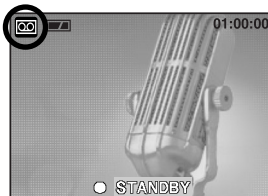
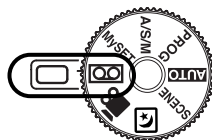


[ MySET mode ]

## ■ How to use the VOICE RECORDING mode ( )

Steps from 1-4 are the same as those for AUTO mode.

5. Select the VOICE RECORDING mode by rotating the mode dial.
6. Press the shutter button to record a voice.
  - Press the shutter button once and voice is recorded for as long as the available recording time (Max : 1 hour) allows.
  - The recording time will be displayed on the LCD monitor.
  - Voice will still be recorded if the shutter button is released.
  - If you wish to stop recording, press the shutter button again.
  - File type : \*.wav



[ VOICE RECORDING mode ]

※ A distance of 40cm between you and the camera (microphone) is the best distance to record sound.

# Starting the recording mode

## ■ How to use the MOVIE CLIP mode ( )

Steps from 1-4 are the same as those for AUTO mode.

5. Select the MOVIE CLIP mode by rotating the mode dial.
6. The MOVIE CLIP mode icon and available recording time will display on the LCD monitor.

7. Point the camera towards the subject and compose the image by using either the viewfinder or LCD monitor.

Press the shutter button and movie clips are recorded for as long as the available recording time.

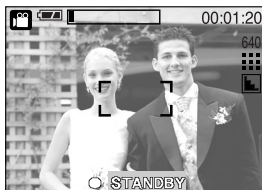
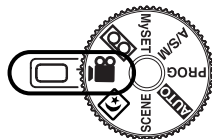
Movie clips will still be recorded if the shutter button is released. The auto focus lamp(green) will blink during the movie clip recording.

\* If you wish to stop recording, press the shutter button again.

\* Image size and type are listed below.

- Image size : 640x480, 320x240(Selectable)

- File type : \*.mov



[ MOVIE CLIP mode ]

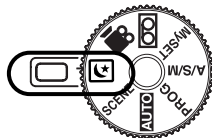
## ■ NIGHT SCENE mode ( )

This mode is used at night or against a dark background.

It is possible that camera shake will occur. If this is the case, use a tripod to eliminate this.

Configure the shutter speed by zoom scale (Long Time shutter) with the S button.

Please see page 43 for a detailed description for Long Time shutter.



[ NIGHT SCENE mode ]

# Starting the recording mode

## ■ How to use the SCENE mode ( SCENE )

Use the menu to easily configure optimal settings for a variety of shooting situations including portrait, children, landscape, close-up, sunset, dawn, backlight, fireworks, beach scenes & snowscape and text recognition.

Steps from 1-4 are the same as those for AUTO mode.

5. Select the SCENE mode by rotating the mode dial.

6. Press the MENU button and the SCENE mode menu will be displayed.

7. Use the LEFT and RIGHT buttons to select the [SCENE] menu tab.

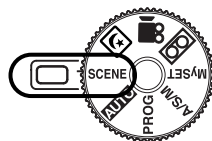
8. Select the desired [SCENE] sub menu by pressing the UP and DOWN buttons and press the OK button.

Please see page 53 for detailed descriptions for each screen.

9. The current scene icon is displayed at the top left of the LCD.

10. Point the camera towards the subject and compose the image by using either the viewfinder or LCD monitor.

11. Press the shutter button to capture an image.



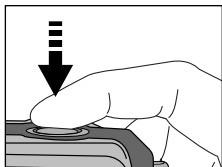
[ SCENE mode ]

# Things to Watch Out for When Taking Pictures

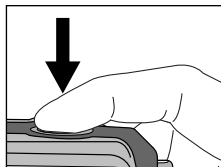
- Pressing the shutter button down half way.

Lightly press the shutter button to confirm focus and flash battery charge. (See page. 28)


Press the shutter button all way down to take the picture.



[ Lightly press the shutter button ]



[ Press the shutter button ]

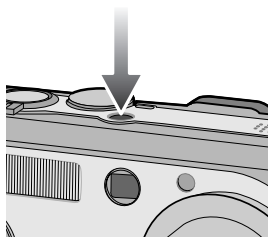
- The available recording time may vary depending on shooting conditions and camera settings.
- When the Flash Off or Slow synchro mode is selected in a low lighting condition, the camera shake warning indicator (  ) may appear on the LCD monitor. In this case, use a tripod, support the camera on a solid surface or change the flash mode to flash shot mode.
- Compensated shooting against the light : Please do not take pictures to the sunlight direction.  
Taking a picture against the sun may make the picture dark. To take a picture against the sun, please use the [BACKLIGHT] in the scene shooting mode (see page 53), forced flash (see page 34), spot side light (see page 50), or exposure compensation (see page 39).
- Avoid obstructing the lens or the flash when you capture an image.
- As there can be some differences between what is seen through the Viewfinder and the resulting image when taken at a range closer than 1.5m, it is recommended that you use the LCD monitor to compose these shots.
- Using the LCD monitor extensively will drain the batteries.  
We recommend turning off the LCD monitor and using the optical viewfinder as often as possible in order to extend battery life.
- Under certain conditions the auto focus system may not perform as expected.
  - When photographing a subject that has little contrast.
  - If the subject is highly reflective or shiny.
  - If the subject is moving at high speed.
  - When there is strong reflected light, or when the background is very bright.
  - When the subject matter has only horizontal lines or the subject is very narrow (such as a stick or flagpole).
  - When the surroundings are dark.

# Using the camera buttons to adjust the camera

- The RECORDING(AUTO, PROGRAM, A/S/M, MySET, VOICE RECORDING, MOVIE CLIP, NIGHT SCENE, SCENE) mode function can be set up by using the camera buttons.

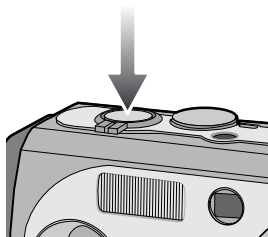
## POWER button

- Used for turning the camera's power on / off.
- If there is no operation during the specified time, the camera's power will be turned off automatically to save battery life. Pressing the power button for over 3 seconds will deactivate the start-up sound function.



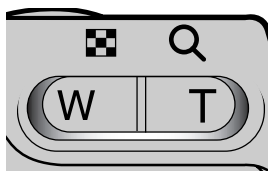
## SHUTTER button/ Jog dial

- Used for taking an image or recording voice in the RECORDING mode.
- In MOVIE CLIP mode  
: Pressing the shutter button down fully starts the process for recording a movie clip. Press the shutter button once and the movie clip is recorded for as long as the available recording time in the memory allows. If you wish to stop recording, press the shutter button again.
- In STILL IMAGE mode  
Pressing the shutter button down halfway activates the auto focus and checks the condition of the flash.  
Pressing the shutter button down fully takes the image and stores the relevant data regarding the shot. If you select voice memo recording, the recording will start after the camera has finished storing the image data.
- Jog dial : Set focus distance while using the manual focusing (see page 44). Set the aperture value and shutter speed in the A/S/M shooting mode (see page 42).



## ZOOM W/T button

- If the menu is not displayed, this button works as the OPTICAL ZOOM or DIGITAL ZOOM button.



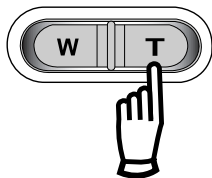
# ZOOM W/T button

- This camera has a 3X optical zoom and a 5X digital zoom function. Using both will offer a total zoom ratio of 15X.

## ● TELE Zoom

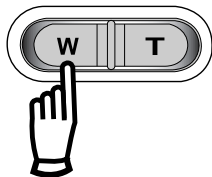
Optical zoom TELE : Pressing the ZOOM T button. This will zoom into the subject i.e. the subject will appear nearer.

Digital zoom TELE : When the maximum (3X) optical zoom is selected, pressing the ZOOM T button activates the digital zoom software. Releasing ZOOM T button stops the digital zooming at the required setting. Once the maximum digital zoom (5X) is achieved, pressing the ZOOM T button will have no effect.



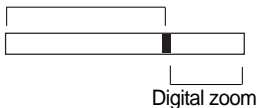
## ● WIDE Zoom

Optical zoom WIDE : Pressing the ZOOM W button. This will zoom out from the subject i.e. the subject will appear further away. Pressing the ZOOM W button continuously will set the camera to its minimum zoom setting i.e. the subject appears at its furthest from the camera.



Digital zoom WIDE : When the digital zoom is in operation, pressing the ZOOM W button will reduce the digital zooming in steps. Releasing ZOOM W button stops digital zooming. Pressing the ZOOM W button will reduce the digital zoom and then it will continue to reduce the optical zoom until the minimum setting is reached.

Optical zoom



# ZOOM W/T button

## ■ Use the conversion lens

Use the optional conversion lens for more flexibility in setting the focus distance.

## ● Types of the conversion lens

1. WIDE conversion lens : Install the WIDE conversion lens (model name: SCL-W3755) to change the focus of camera lens in 0.7 times.
2. TELE conversion lens : Install the TELE conversion lens (model name: SCL-T3755) to change the focus of camera lens in 1.7 times.

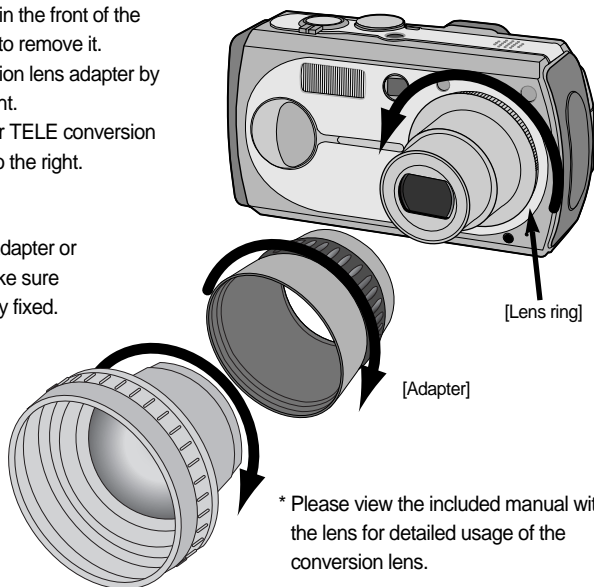
## ● Focus distance and shooting range for each lens

Types of lens		Using the 3X camera lens	SCL-W3755 installed	SCL-T3755 installed	
Focus		7.7 ~ 23.1mm	5.4mm	39.3 mm	
35mm conversion distance		38 ~ 114mm	26.6mm	193.8 mm	
Shooting range	Auto	80cm ~ Infinity	WIDE : 40cm ~ Infinity	TELE : 230cm ~ Infinity	
	Macro	WIDE	4 ~ 80cm	WIDE : 1 ~ 40cm	TELE : 80 ~ 230cm
		TELE	30 ~ 80cm		

## ● Installing the conversion lens

1. Turn the lens ring in the front of the camera to the left to remove it.
2. Install the conversion lens adapter by turning it to the right.
3. Install the WIDE or TELE conversion lens by turning it to the right.

\* While installing the adapter or conversion lens, make sure that they are securely fixed.





\* Please view the included manual with the lens for detailed usage of the conversion lens.

# ZOOM W/T button

## INFORMATION

- To use the digital zoom the LCD monitor has to be turned on.
- Images taken using the digital zoom may take a little longer for the camera to process. Allow time for this to take place.
- The zoom function can't be activated during the movie clip recording.
- You may notice a decrease in image quality when using the digital zoom.
- Take care not to touch the lens to avoid taking an unclear image and possibly causing camera malfunction. If the image is dim, turn the camera power off and on again to modify the lens position.
- Take care not to press the lens as this may cause a camera malfunction.
- When the camera is turned on, take care not to touch the camera's moving lens parts as this may cause the resulting image to be dim and unclear.
- Take care not to touch the lens during zoom operation as this may cause damage.

## Voice memo( ) / UP button

- While the menu is showing, press the UP button to move up the submenu cursor.
  - When the menu is not displayed on the LCD monitor, the UP button operates as the voice memo (  ) button. You can add your voice-over to a stored still image.
- Recording a voice memo
1. Rotate the MODE DIAL to select a RECORDING mode with the exception of MOVIE CLIP and VOICE RECORDING modes.
  2. Press the VOICE MEMO (  ) button.
- If the voice memo indicator is displayed on the LCD monitor, the setting is completed.



[ Preparing for Voice Memo ]



[ Recording Voice Memo ]



# Voice memo( ) / UP button

3. Press the shutter button and take a picture. The picture is stored on the memory card.
4. Voice memo will be recorded for ten seconds from the moment the picture is stored. In the middle of the sound recording, pressing the shutter button will stop the voice memo.

## INFORMATION

- A distance of 40cm between you and the camera (microphone) is the best distance to record sound.

# Macro( ) / Down button (Focusing)

- While the menu is showing, press the DOWN button to move from the main menu to a submenu, or to move down the submenu cursor.
- When the menu is not showing, you can use the MACRO/ DOWN button to take macro pictures (within the distance range of 4-80 cm).




[ Auto focus ]



[ Macro ]

- Types of focus modes and focus ranges (W: Wide, T: Tele)













Focus type	Auto	Macro (  )	
Focus range	80cm ~ Infinity	W : 4 ~ 80cm	T : 30 ~ 80cm

## INFORMATION

- When the macro mode is selected, it is possible that camera shake will occur. If this is the case, use a tripod to eliminate this.
- When you take a picture within 30cm(MACRO focus), select the FLASH OFF mode.

# Macro( ) / Down button (Focusing)

■ Available focusing method, by recording mode ( O : Selectable , X : Not selectable, ∞ : Infinity focus range)

Mode		<b>P</b>	<b>A</b>	<b>S</b>	<b>M</b>	My				
Auto	○	○	○	○	○	○	○	○		
Macro	○	○	○	○	○	○	○	X		
Mode										<b>T</b>
Auto	○	○	∞	X	∞	∞	○	∞	○	X
Macro	X	X	X	○	X	X	X	X	X	○

## Focus lock

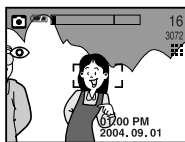
■ To focus on the subject positioned outside of the center, use the focus lock function.

● Using the Focus Lock

1. Ensure the subject in the center of the autofocus frame.
2. Press the SHUTTER button halfway. When the green auto lights up, it means the camera is focused on the subject. Be careful not to press the SHUTTER button all the way down to avoid taking an unwanted pictured.
3. With the SHUTTER button still pressed down only halfway, move the camera to recompose your picture as desired, and then press the SHUTTER button completely to take the picture. If you release your finger from the SHUTTER button, the focus lock function will be canceled.



[ The image to be captured ]



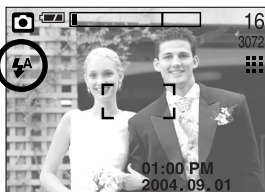
[ Press the SHUTTER button ]  
halfway and focus on the subject



[ Recompose the picture ]  
and fully depress the  
SHUTTER button

# FLASH(⚡) / LEFT button

- When the menu is displayed on the LCD monitor, pressing the LEFT button makes the cursor shift to the left tab.
- When the menu is not displayed on the LCD monitor, the LEFT button operates as the FLASH (⚡) button.



[ Selecting the Auto flash ]

## ● Selecting the flash mode

1. Rotate the MODE DIAL to select a RECORDING mode with the exception of MOVIE CLIP and VOICE RECORDING modes.
2. Press the Flash button until the desired flash mode indicator displays on the LCD monitor.
3. A flash mode indicator will be displayed on the LCD monitor. Use the correct flash to suit the environment.

## ● Flash range

Unit : m








ISO	AUTOFOCUS		MACRO	
	WIDE	TELE	WIDE	TELE
AUTO	0.8~3.0	0.8~2.0	0.3~0.8	0.3~0.8

## INFORMATION

















- Using the flash frequently will reduce the life of the batteries.
- Under normal operating conditions the charging time for the flash is normally within 6 seconds. If the batteries are weak, the charging time will be longer.
- During the continuous shot, movie clip mode, the flash function will not operate.
- Take photographs within the flash range.
- The image quality is not guaranteed if the subject is too close or highly reflective.
- The LCD monitor is turned off for a while after using the flash to recharge it.

# FLASH ( ) / LEFT button

## ● Flash mode indicator

Icon	Flash mode	Description
	Auto flash	If the subject or background is dark, the camera flash will operate automatically.
	Auto & Red eye reduction	If a subject or background is dark, the camera flash will work automatically and will reduce the red-eye effect by using the red-eye reduction function.
	Fill in flash	The flash fires regardless of available light. The intensity of the flash will be controlled, according to the prevailing conditions. The brighter the background or subject is, the less intense the flash will be.
	Slow synchro	The flash will operate in conjunction with a slow shutter speed in order to obtain the correct exposure. We recommend using a tripod for this function. When you take an image in a condition with poor light, the camera shake warning indicator (  ) will display on the LCD monitor.
	Flash off	The flash does not fire. Select this mode when capturing images in a place or situation where flash photography is prohibited. When you capture an image in a poorly lit condition, the camera shake warning indicator (  ) will display on the LCD monitor.

## ● Available flash mode, by recording mode

		<b>P</b>	<b>A</b>	<b>S</b>	<b>M</b>	<b>My</b>											<b>T</b>
	X	O	X	X	X	O	X	X	X	X	X	X	X	X	X	O	X
	O	O	X	X	X	O	X	O	O	X	X	X	X	X	X	X	X
	X	O	O	O	O	O	X	X	X	X	X	X	X	O	X	X	X
	X	O	X	X	X	O	O	X	X	X	X	X	X	X	X	X	X
	O	O	O	O	O	O	O	O	O	O	O	O	O	X	O	X	O

# Self-timer(☺) / Remote (📡) / Right button

- When the menu is displayed on the LCD monitor, pressing the Right button makes the cursor shift to the right tab.
- When the menu is not displayed on the LCD monitor, the RIGHT button operates as the Self-timer (☺) and Remote (📡) button. This function is used when the photographer would also like to be in the image.

## ● Selecting the self-timer

1. Rotate the MODE DIAL to select a RECORDING mode with the exception of VOICE RECORDING mode.
2. Press the SELF-TIMER (☺) button until the desired mode indicator displays on the LCD monitor.

A 2 second self-timer or 10 second self-timer icon appears on the LCD monitor.

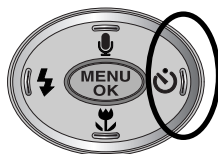
· 2SEC self-timer (☺<sup>2S</sup>) :

Pressing the shutter button will allow an interval of 2 seconds before the image is taken.

· 10SEC self-timer (☺) :

Pressing the shutter button will allow an interval of 10 seconds before the image is taken.

3. When you press the SHUTTER button, the picture will be taken after the specified time has elapsed.



[ Selecting the 10 SEC self-timer ]

## INFORMATION

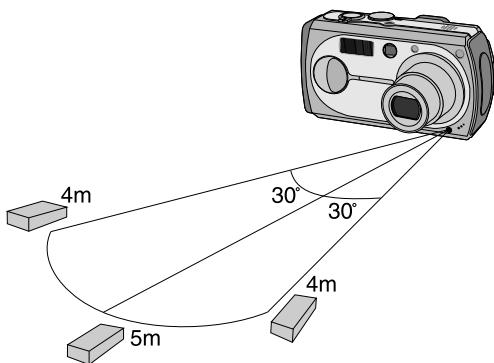
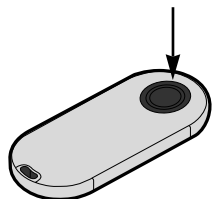
- When taking a picture using the self-timer, the self-timer lamp works as follows:
  - 2 second self-timer setting : The self-timer lamp blinks at 0.25 second intervals for 2 seconds.
  - 10 second self-timer setting : The self-timer lamp blinks at 1 second intervals for the first 7 seconds. It blinks at 0.25 second intervals for the remaining 3 seconds.
- If you operate the Mode dial and Self-timer button during the self-timer operation, the self-timer function is cancelled.
- Use a tripod to prevent the camera from shaking.
- While the remote controller icon is selected, the self-timer lamp in front of the camera blinks in 1 second cycle.

# Self-timer(☺) / Remote(📡) / Right button

## ● Using the remote controller.

1. Turn the mode dial to select shooting mode except the voice recording mode.
2. Press the self-timer (☺) button repeatedly until the remote controller icon (📡) is displayed in the LCD.
3. Press the remote controller shutter button for a 2 seconds delayed shooting.

[ Remote controller shutter button ]



## ● Replacing batteries for the remote controller

Make sure the + polarity is toward the top and the - polarity is toward the bottom while installing batteries for the remote controller.

Replace batteries for the remote controller in the local service center.

Use the CR 2025 3V batteries.

