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⚠ Cautions

■ Do not try to disassemble the camera by yourself, which may damage the camera or cause electric shock.

■ Do not fire the flash in a close distance (less than 1 meter); it may hurt your eyes.

■ Keep the camera away from the reach of children or animals to prevent them from swallowing the batteries or small accessories.

■ Stop using the camera if any kind of liquid or foreign object enters the camera. If it happens, power off the camera and contact your dealer for help.

■ Do not operate this camera with wet hands; it may cause electric shock.

■ The camera may be damaged in an environment of high temperature.

■ To avoid electricity leakage, please remove the battery if the camera is expected not to be in use for a long period of time.

■ It is normal that the temperature of the camera body rises if the camera works for a long period of time.

Small Tip to Save You Big Headache

A digital camera is in a way very similar to a computer. If the digital camera hangs itself during operation, please follow the procedures below and most likely the camera can be re-activated.
1. Remove the battery.
2. Reload the battery.
3. Switch on the camera.

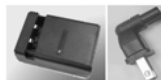
Overall Introduction
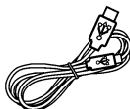
▶ Accessories
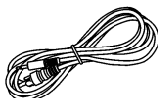
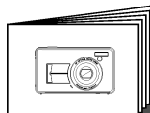❶ Digital Camera   ❷ Software CD   ❸ Li-ion Battery   ❹ Charger & Plug

❺ USB Cable   ❻ Video Cable   ❼ Wrist Strap   ❽ User Manual

❾ Camera Pouch

▶▶ External View

Top

Shutter Button
Power Button
Speaker
Strap Eyelet

Front

Flash
LED
Lens
Microphone

Side

Video Connector
USB Connector
DC IN

Back

Tele/Wide Switch
LCD Monitor
Mode Button
Playback Button
Delete Button (Function Hot Key)
LED Indicator

Bottom

Memory Card & Battery Cover
OK/Menu Button
Tripod Socket

Functiom Button

Up / ISH Button
Left / Self-timer Button
Right / Flash Button
Down / Macro / Play / Pause Button

4
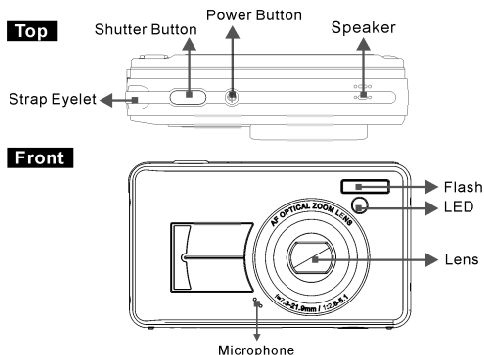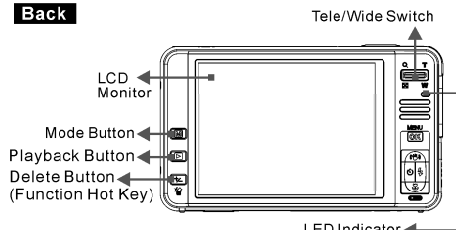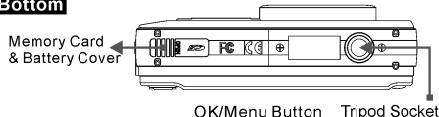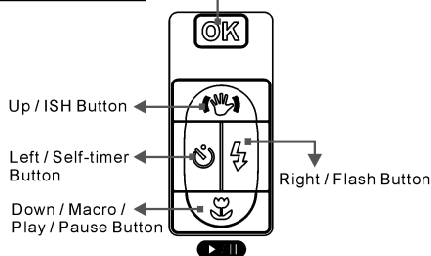
▶▶ Display Information
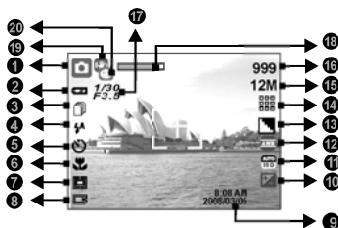
❶ Working Mode
( ) Still Image Shooting Mode
( ) Movie Clip Mode
( ) Voice Recording Mode
( ) Auto
( ) Program
( ) Portrait
( ) Landscape
( ) Night Portrait
( ) Night Landscape
( ) Sunset
( ) BackLight
( ) Fireworks
( ) Candle Light
( ) Beach
( ) SEA & SEA
( ) High Sensitivity

❷ Battery Status
( ) Battery Full
( ) Battery Half Drained
( ) Battery Drained In Charging

❸ Shooting Mode
( ) Single
( ) Continuous

❹ Flash mode
( ) Auto Flash
( ) Auto Flash with Red-eye Reduction
( ) Fill-in Flash
( ) Slow Sync
( ) Flash Off

❺ Self-timer
( ) 10 Seconds
( ) 2 Seconds
( ) Double

❻ Focus Range
( ) 10cm~60cm

❼ Metering
( ) Spot
( ) Multi

❽ Memory Status
( ) Internal Flash Memory
( ) Memory Card Inserted

❾ Time & Date

❿ ( ) Exposure±2EV
(0.5EV/Steps)

⓫ ISO Value
( ) Auto
( ) 100
( ) 200
( ) 400
( ) 800
( ) 1600
( ) 3200

⓬ White Balance
( ) Auto
( ) Daylight
( ) Cloudy
( ) Sunset
( ) Fluorescent
( ) Tungsten
( ) Custom

⓭ Sharpness
( ) Soft
( ) Normal
( ) Vivid

⓮ Image Quality
( ) Super Fine
( ) Fine
( ) Normal

⓯ Image Size
Still Image
(14M) 4344 x 3258 (via interpolation)
(12M) 4000 x 3000
(8M) 3264 x 2448
(3M) 2048 x 1536
(1M) 1280 x 960
Movie Clip
(HD) 1280 x 720 30FPS
(TV) 640 x 480 30FPS
(Web) 320 x 240 30FPS

⓰ Estimated Available Shots & Video Time

⓱ F No. & Shutter Speed

⓲ Zoom In / Out Indicator

⓳ ( ) Image Stabilizing Helper (ISH)

⓴ ( ) Face Detection

5

Getting Ready

❯❯ Turn On Or Off The Camera

✦ By pressing the Power Button can turn on the camera
✦ By pressing again the Power Button can turn off the camera.

❯❯ Loading The Battery

1. Power off the camera.
2. Slide out Battery Cover to open it.
3. Following the polarity indications and load the battery.
4. Close the Battery Cover.

✦ The below symbols on the TFT LCD Monitor are the indication of the battery status.
    (▨):Battery power is full.
    (▨):Battery power is half drained. Have new a battery ready.
    (▨):Battery power is drained. Replace with a new battery.

✦ The battery may run out if the battery is kept inside the camera for a long time without using. Please remove the battery when the camera is not in use.
✦ The battery may not work normally under 0° C or over 40° C . It's normal that the temperature of the camera rises after used for a long period.

❯❯ Charging The Battery With The Charger

The battery is not charged when the camera is shipped. Charge the battery before use.

✦ Charging Procedure
(a) Insert the battery to the battery slot by the polarity indications.
(b) Connect the charger to the electrical outlet.
(c) The LED will light up in red color when charging.
(d) The charging is completed when the LED turns green.
(e) Remove the battery when the charging is completed.

✦ It is recommended to charge a new battery for more than 4 hours.

✦ It's normal that the temperature of the battery and camera body rises after a period of time of using.

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Getting Ready

❯❯ Inserting Or Removing A Memory Card

1. Power off the camera.
2. Open the Battery / Memory Card Cover.
3. Insert the memory card into the card slot and press it down until a click sound happens. (Please press the memory card again to get it out once a click sound happens.)
4. Close the Memory Card Cover.

Formatting a brand new memory card is strongly recommended for first use.

✦ The image(s) can be stored either in built-in flash memory or in memory card. When the memory card is inserted, the images will be stored in the memory card rather than the built-in flash memory. On the other hand, the images will be stored in the built-in flash memory when a memory card is not inserted.

Kindly note:
✦ Do not support Memory Card under 128MB
✦ When using 8G SD Card, the single file is up to 4G.
✦ Playback result will be affected by different brand of memory card. Various delays might occur during playback HD file.

Button & Function

❯❯ Power Button

1. By pressing the Power Button can turn on the camera.
2. By pressing again the Power Button can turn off the camera.
3. If there is no operation during the specified time, the camera will power off automatically to save battery life.
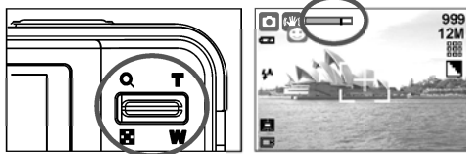
❯❯ Shutter

Press the shutter button half way to do the focusing and then press the shutter button fully down to capture an image.

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▶️ Tele / Wide Button

❯❯ Zoom in / Zoom out

- ✦ Push up the Tele Button, the Zoom Bar Indicator appearing on the top side of the LCD Monitor and it shows the current zoom status.
- ✦ Push down the Wide Button, the Zoom Bar Indicator will go back to the Wide view.
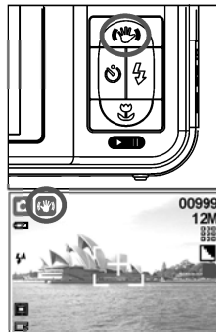
▶️ Menu / OK Button

❯❯ Menu / OK Button

- ✦ Press Menu/OK Button to go to the menu selection .
- ✦ When the menu is displayed on the LCD monitor, the Menu/OK Button is used or for confirming data.

▶️ Function Button

❯❯ Up Button / ISH (Image Stabilizer Helper

In Menu Mode, press the Up Button (〰️) to move up to the sub menu.

- ✦ Pressing the ISH Button (〰️) can activate this function.

This function will only help to "reduce" the chance of blurred image due to unsteady holding of the camera.

Note
1. Image noise may occur with this feature.
2. When you prefer the next image or movie clip not to be with ISH feature, please press the ISH Button (〰️) again.
3. It is suggested to use this feature under low light conditions when the object is beyond 3.0m from the camera.

❯❯ Right Button/ Flash Button
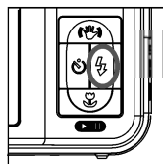
- ✦ In Menu Mode, press the Right Button(⚡) to move the cursor to the right tab.
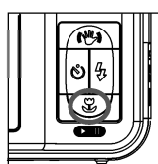- ✦ When the menu is not displayed on the LCD monitor,the Right Button (⚡) operates as Flash function.

❯❯ Flash Button

By pressing the Flash Mode Button (⚡) you can select different flash options as follows.

|		
⚡A	Auto Flash	The flash fires automatically as required under shooting mode.
◎	Auto Flash with Red-eye Reduction	To avoid the subject's eyes appearing red in the image, this mode can effectively minimize the likelihood of the red-eye effect.
⚡	Fill-in Flash	This mode will enable the flash to fire in any circumstances.
⚡S	Slow Sync	The flash will fire and the camera will set the shutter speed at a proper speed.
⚡	Flash Off	The mode will disable the flash.

❯❯ Down Button / Macro Button

- ✦ In Menu Mode, press the Down Button (▶️/⏸️) to move down the submenu cursor.
- ✦ When the menu is not displayed on the LCD monitor the Down Button operates as Play & Pause function ,for play the voice & movie clip file in Playback Mode.

❯❯ Macro Mode
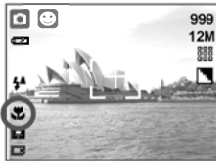
- ✦ The focus range is 10~60cm.
- ✦ A Macro icon will display on the LCD monitor when you select Macro Mode.
- ✦ Please press the Macro Button (🌷) to cancel the macro setting if you prefer the next image in Auto Focus.

❯❯ Left Button/ Self -Timer Button
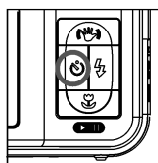
- ✦ In Menu Mode, press the Left Button to move the cursor to the left tab.
- ✦ When the menu is not displayed on the LCD monitor, the Right Button operates as Sefl-time funtion

Buttons & Function

Self-timer

✦ **With the 10 sec. Self-timer ( ):**
The image will be taken after an interval of 10 seconds once the DSC Button( ) is released.

✦ **With the 2 sec. Self-timer ( ):**
The image will be taken after an interval of 2 seconds once the DSC Button ( ) is released.

✦ **With the Double self-timer ( ):**
The image will be taken twice once the DSC( )Button is released. The first image will be taken after 10 seconds and the second image 2 seconds after the first.

Mode Button

Still Image/ Movie Clip/ Voice Recording
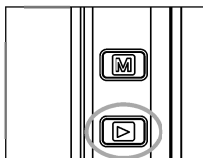
✦ **Under Voice Recording Mode ( )**
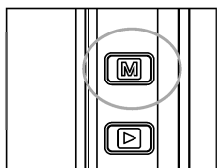
✦ **Under Movie Clip Mode ( )**   ✦ **Under Still Image Shooting Mode**

Under Playback Mode ( )

Playback Of Still Image, Movie Clip And Audio Clip

✦ Select the Playback Mode by pressing the Playback( ).

✦ The last image stored on the memory is displayed on the LCD Monitor and the Playback Mode will show still images, movie clips and voice clips.
✦ Select an image that you want to playback by pressing the Left Button and Right Button.
✦ Press and hold the Left or Right Button to fast forward the images played.


# Buttons & Function

Delete &

Exposure Value (Default:0)
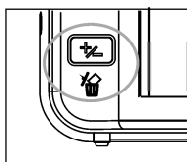
✦ In Shooting Mode and press Delete Button ( ) to adjust the exposure.
✦ Press Left/Right Button to set the Exposure Value.
✦ You can adjust the value of the exposure compensation which is ranged from -2.0EV to +2.0EV (at 0.5EV increment).
✦ Button to confirm the setting.
✦ Exposure ( ) will be shown on the bottom right of LCD monitor.
✦ The higher the EV value, the brighter the image will be.

ISO Value (Default:AUTO)
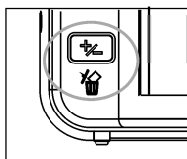
✦ To adjust the ISO value, you will need to set at Program Mode and press Delete Button ( ).
✦ Press Right/Left Button to set the ISO Value and select the Menu/OK Button to confirm.

White Balance (Default:AWB)
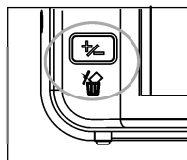
✦ To adjust the white balance, you will need to set the working mode at Program Mode ( ) and press the Delete Button ( ) first.
You can select the most appropriate white balance setting for a given shooting environment by "Custom" setting.
1. Choose the CUSTOM setting.
2. Put a sheet of white in front of the camera, and then press the shutter button.
3. Press ok/Menu Button to confirm.

	Auto	Adjusting the white balance automatically
	Daylight	Under the strong light environment
	Cloudy	Under the cloudy light environment
	Sunset	Under the sunset light environment
	Fluorescent	Under the fluorescent light environment
	Tungsten	Under the tungsten light environment
	Custom	Under uncertain light environment