

OPERATING MANUAL



DIGITAL CAMERA

Introduction

Thanks for purchasing this high-quality Digital Still Camera!

This unit allows you to easily create an electronic album. Please read this manual carefully so as to enjoy all its features.

Read throughly the Safety Precautions. They contain extremely important information regarding the safe use of this product.

For information on installing and operating the included application software, please read the software instructions.Do not hesitate to contact our service facility for upgraded information for your future use.

Software Installation refers to the QUICK START GUIDE.

Introduction

Unpacking

First check and identify the contents of your Digital Still Camera package, as below:





Camera case



Driver disc





USB cable

Digital Camera



Earphone

Battery

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Safety Precautions

CAUTION: To prevent fire or shock hazard ,do not expose this unit to rain or excessive moisture.

WARNING:To prevent shock, do not attempt to modify this unit in any way. No user serviceable parts inside. Refer servicing to qualified personnel.

Please do not use this unit in too close a proximity to the person other wise it can cause damage to the eyes.

Especially for children, do not take pictures within 1 meter.

FCC

- **NOTICE:** 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 Rule. Operation is subject to the following two conditions:
 - A. This device may not cause harmful interference.
 - B. This device must accept any interference received, including interference that may cause undesired operation.

Safety Precautions

OPERATING CONDITIONS:

• This camera is neither waterproof nor splash-proof.

Do not use the camera if any water has entered the camera. Switch the camera off,and then disconnect the power source (batteries or AC Power Adapter). If you are using the AC Power Adapter, unplug the adapter from the AC Power wall socket after you have disconnected the camera. Then contact your dealer. Do not continue to use it, as this may cause a fire or electric shock.

• Do not leave the unit where it may be extremely hot or humid, such as the glove compartment of a car, direct sunlight ,a humid basement.

CARRYING YOUR CAMERA:

- When carrying, be sure to always attach and use the hand strap provided. Hold the camera firmly in your hand ,with the strap securely around your wrist.
- Do not use a tripod on unsteady or uneven surfaces. It could tip over, causing serious damage to the unit .
- Never point the lens at direct sunlight, CMOS damage may occur.

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Quick Start Guide

HOOKUP



Connect to a printer or useing CF card PC using USB cable





Use DC adapter or battery to power the unit





Connect to a TV or an earphone

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Quick Start Guide

PREPARATION (refer to page 18-20)

• Insert the batteries to power the camera.



Quick Start Guide

- 4. Frame your subject on the LCD monitor or viewfinder.
- Compose the image and make sure it is clear.



- 5. Press the shutter-release button to take the pictures.
- The orange lamp blinks slowly while the image being stored into the memory.

IMAGE PLAYBACK (refer to page 45-57)



RECORDING (refer to page 23-44)

1. Turn the function dial to 🚺 .

• The camera will turn on and be set to record mode.



- 2. Open the lens cover.
- The live view will appear on the LCD monitor.









2. Use the LT/RT or UP/DN buttons to scroll

1. Turn the function dial to 🕨 .



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Quick Start Guide

DELETING IMAGES (refer to page 51-52)

1. Turn the Function dial to



2. Press LT/RT or UP/DN to select the image you want to delete.

3. Press MENU/STOP to access to the menu.



 Use the LT/RT to move through the scroll images, highlight icon to the delete icon



DELETE

ALL REFORMAT

Exit

CURRENT

5. Highlight icon to the delete icon $\frac{1}{10}$ and press JP/DN to enter it.

 Use the UP/DN to select CURRENT or ALL to delete the current photo or all photoes including the memo and select REFORMAT to delete the all including mp3 files.



- 5. Press the DISP/ENTER/REP button again.
- A confirmation screen will appear.





- 6. Press the UP/DN to select "YES", and enter it.
- The LCD monitor returns to the next image after deleting it.

NOTICE:

When opening the menu or pressing the direction buttons, you will highlight some item, meanwhile the corresponding description will appear on the down-left corner of TFT LCD.

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Identification of Controls

CAMERA BODY



- 1. Function dial
- 2. Shutter/Play/Pause
- 3. NQ (Normal Quality)
- 4. Flash
- 5. Mode
- 6. Status LCD

7. Flash lamp 8. Self-timer lamp (Red) 9. Viewfinder window 10. Lens 11. Lens cover slide

Identification of Controls

CAMERA BODY



1. Orange LED indicator	7. LT/RT
2. Green LED indicator	8. UP/DN
3. Viewfinder	9. LCD monitor
4. MENU/STOP	10. USB interface
5. DISP/ENTER/REP	11. MIC
6. Strap eyelet	

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Identification of Controls

CAMERA BODY







1. Power 2. Record 3. Playback 4. MP3 playback 5. Software/Download 6. TV output

1. Snapshot

2. Self-timer 3. Sequence

4. Video clip

8. Flash lamp

9. Recordable image No.

5. Audio memo

6. Power remains 7. Image quality

Image Quality

IMAGE QUALITY

When the camera is turned on, the default setting of image quality is Normal Quality (NQ).

The number of images stored depends on the image quality level used: High Quality (HQ), Normal Quality (NQ) or Super Quality (SQ).

MODE	COMPRESSION RATE
Super Quality	1:4
High Quality	1:8
Normal Quality	1:16

In the Capture mode, each time you press the NQ button, the quality mode changes, which is shown on the status LCD:



• This function is not available in Audio Memo and Video Clip.

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BUILT-IN FLASH LAMP

When the camera is turned on, the default setting of flash mode is 'No flash'. The other flash modes can be set by using the Flash button. Press this button to toggle between the three flash modes.

AUTO	AUTOFLASH	In autoflash ,the flash will fire automati- cally when the light level is low or your subject is backlit.
4	NO FLASH	Use flash cancel when photographing subjects that are beyond the flash range or when flash photography is prohibited.
4	FORCED-FLASH	The flash will fire every time a picture is taken, regardless of lighting. Use forced-flash to reduce harsh shadows on your subject's face.

Flash

CHANGING THE FLASH MODE

- 1. In Record mode, press the Flash button.
- The currently set flash mode appears on the status LCD.
- status LCD.
- 2. Repeatedly press the button.
- The flash mode on the status LCD

changes in cycle.

• Select the mode you desired.





NOTICE:

The default setting is No flash.

Under the capture mode of the sequence or video clip, the flash cannot be set up.

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Indicator Light

Getting Started

NDICATOR LIGHT

There are three indicator lights on this unit:

- 1. Green light
- When it blinks, this indicates the camera is being charged.
- When it glows, this indicates the next operation can be done.

2. Orange light

 When the system is "busy", it will blink, it is suggested that the next operation should not be done.



• When Self-timer is selected, it will flash.





INSERTING THE BATTERIES

- 1. Open the cassette cover.
- Slide the cover in the direction of the arrow and fold it up to open it.



- 2. Insert the batteries
- Match the batteries to the polarity indicated on the back of the cover.



- 3. Close the cassette cover.
- While pulling up the cover slightly, fold it down and slide it back until it clicks.



NOTICE:

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• Make sure the unit is turned off before removing the batteries .

Getting Started

INSERTING A COMPACT FLASH CARD

You may use a compact flash card for image storage before capturing images.

1. Open the cassette cover.



 Slide the cover in the direction of the arrow and fold it up to open it.



 Flash cards (CF card) can be purchased from most camera and high street catalogue companies. They range in memory size from 8 Meg to 64 Meg capacity.

Insert a compact flash card (back side facing the batteries and slots facing into the cam era) into the camera card slot, pushing it in until the card release pops out.



Getting Started

- Push the card in straight and not at an angle.
- If the card stops midway confirm the direction of
- the card and try again. Never force the card .

3. Close the cassette cover.

• While pulling up the cover slightly, fold it down and slide it back until it clicks.



NOTICE:

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• Make sure the unit power is turned off before removing the compact flash card.

Getting Started

REMOVING THE COMPACT FLASH CARD

1. Open the cassette cover.

• Slide the cover in the direction of the arrow and fold it up to open it.



Getting Started

TRIPOD MOUNTING

1. Align and tighten

• Align the screw on the tripod with the camera's

mounting socket, then tighten the screw.



2.Press the card-release lever to eject the card.

• When the card is ejected, pull it straight out.



3.Close the cassette cover.

• While pulling up the cover slightly, fold it down and slide it back until it clicks.



NOTICE:

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• When using a tripod ,be sure to open and extend its legs fully to stabilize the camera .

Taking Pictures

BASIC RECORDING OPERATION (SNAPSHOT)

1. Turn the function dial to

- Status LCD is lit up.
- The default capture mode is (snapshot).



- 2. Press the DISP/ENTER/REP button to turn on the LCD monitor.
- Press it again to switch off.
- If connected to TV, both preview and capture can be operated by TV.
- The LCD monitor will switch off automatically for nooperation status lasting for 60 seconds.



- 3. Move the lens cover slide to open the lens cover.
- The live view will appear on the LCD monitor.



NOTICE:

 Before recording you may reset each parameter such as flash light (page 15,16), digital zoom (page 32), image quality (page 42), from the Record Mode Menu.

BASIC RECORDING OPERATION (SNAPSHOT)

- 4. Center the subject in the LCD monitor or place the viewfinder's focus frame on the subject.
- When holding the camera, make sure your fingers do not cover the lens.
- Adjust the distance between camera and the subject. Make sure the image in TFT LCD is clear.



- 5. Press the shutter-release button to take the pic tures.
- In snapshot mode, no flash, auto exposure and auto white balance are default settings.
- The number of remaining images to be taken decreases 1 automatically defult status. If the lens cover isn't open, "PLEASE REMOVE THE LENS COVER" will appear on TFT LCD.
- 6. Move the lens cover slide to close the lens.
- 7. Turn the function dial to C to power off the camera.





SELF-TIMER

The self-timer will delay for capturing approximately 10 seconds after you press the shutter-release button.

- 1. Turn the function dial to 🚺 .
- Capture mode is set.
- Status LCD is lit up.



- 2. Press the DISP/ENTER/REP button to turn on the LCD monitor.
- Press it again to switch off.





4. You can use a tripod to support the camera.

Taking Pictures

5. Press the Mode button till the timer icon **C** is displayed on the status LCD.



- 6. Arrange the camera and subject posi-
- tion, and compose your picture.



- 7. Press the shutter-release button down to start timer.
- The camera will take pictures automatically in about 10 seconds.



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SEQUENCE IMAGE CAPTURE

1. Turn the function dial to

Capture mode is set.Status LCD is lit up.

the LCD monitor.

This digital camera will continuously take 3 pictures while the shutter-release button s pressed once. There is no flash.

Taking Pictures

SEQUENCE IMAGE CAPTURE

5. Arrange the camera and subject position, and compose your picture.



- 6. Press the shutter-release button.
- The unit starts sequence image capture with

the orange light is illumed.

• When the flashing light is switched to the green light, the LCD monitor will return to the preview status, the capture is over.



Press it again to switch off.

2. Press the DISP/ENTER/REP button to turn on



- 3. Move the lens cover slide to open the lens.
- The live view will appear on the LCD monitor.
- 4. Press the Mode button till the sequence icon is displayed on the status LCD.



Taking Pictures

VIDEO CLIP CAPTURE

- 1. Turn the function dial to
- Capture mode is set.
- Status LCD is lit up.



- 2. Press the DISP/ENTER/REP button to turn on the LCD monitor.
- Press it again to switch off.
- 3. Move the lens cover slide to open the lens. • The live view will appear on the LCD monitor.





- 4. Press the Mode button till the Video Clip





- 6. Press the shutter-release button to take a continuous video clip and press it again to stop recording.
- The length of the video clip is determined by the memory space.
- This unit can record voice simultaneously.



icon is displayed on the status LCD.

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AUDIO MEMO

First contersign the last one must be a picture ,then the Audio Memo recorded is attached and referenced to the last image taken. It is possible to record a 7-second audio memo of the picture taken (except for video clip).

- 1. Turn the function dial to
- · Capture mode is set.
- Status LCD is lit up.

LCD.



- 2. Press displays on monitor LCD.
- 3. Repeatedly press the Mode button till the audio memo icon Q_{i} appears on the LCD monitor. The icon Q_{1} appears on the up-left corner of TFT
- 4. Press the shutter-release button to start recording.

• The captured image displays on TFT LCD.

- The orange light blinks till the recording is over.
- "AUDIO RECORDING ..." shows on TFT LCD till the recording is over.
- Previous recordings can be recorded over.



Taking Pictures

DIGITAL ZOOM

The digital zoom will increase the magnification of the live image on the LCD monitor. In order to record a far object more vividly, use the digital zoom to preview before capturing image or recording a clip. The digital zoom has 16 levels. When you press LT/RT or UP/DN button, the live view will move glossily on the LCD monitor.

Press the LT/RT button, the zoom is in, and press the UP/DN, the zoom is out.



• The zoom magnification change is visible on the LCD but invisible in the viewfinder. You should use the LCD monitor to compose your picture.

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RECORD MENU SETUP

The Record Mode Menu allows you to change the default settings for image capturng such as digital zoom, white balance, sound and so on.



Record Mode Menu

HOW TO DISPLAY RECORD MENU

- 1. Turn the function dial to
- Capture mode is set.
- Status LCD is lit up.

2. Press the DISP/ENTER/REP button to turn on the LCD monitor.

- Press it again to switch off.
- If the LCD is off, when connected to TV, it can be displayed by TV.
- 3. Move the lens cover slide to open the lens.
- The live view will appear on the LCD monitor.

4. Press the MENU/STOP button.

- Press it again to switch off.
- The menu can be displayed on TV or TFT LCD.









SELECTING CAPTURE MODE

On the menu, there are three capture modes available: snapshot, video clip and sequence.

1. In Record Mode, turn on the LCD monitor press

the MENU/STOP button.

- The menu will appear.
- The default setting is Snapshot.





- 2. Press the UP/DN button to select the other modes.
- 3. Press the DISP/ENTER/REP button to confirm it and return to the live view.
- The capture mode selected displays on Status LCD.



Record Mode Menu

DIGITAL ZOOM X 4

Zoomx4 selected makes the subject closer, and makes the number of recordable images increase.

- 1. In Record Mode, turn on the LCD monitor press the menu/Stop button.
- The menu will appear.
- 2. Press the LT/RT button to select \hat{m} .
- 3. Press the UP/DN button to display the submenu and select the item.
- 4. Press the DISP/ENTER/REP button to confirm it.
- The LCD monitor returns to the live view with digital zoom selected.











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FLASH MODE

You can select flash mode according to the environment and requirement, the default setting is No Flash.

1. In Record Mode, turn on the LCD monitor, press disp, press the Menu/Stop button.

• The menu will appear.

2. Press the LT/RT button to select 🚱 .

3. Press the UP/DN button to display the submenu and select the item.



- 4. Press the DISP/ENTER/REP button to confirm.
- The flash mode selected displays on Status LCD.







Record Mode Menu

ADVANCED OPTIONS

This setup is recommended for photographers who have some professional knowledge.

1. In Record Mode, turn on the LCD monitor, press disp,press the MENU/STOP button.

- The menu will appear.
- 2. Press the LT/RT button to select

ADVANCED

EXPOSURE

SOUND

EXIT

QUICK REVIEW

select QUICK REVIEW.

4. Press menu, stop return to the live view.

1. In the advanced menu, press up/down to

2. Press the DISP/ENTER/REP button.

3. Press the UP/DN button for access to the submenu and also use it to make a selection.

QUICK REVIEW

WHITE BALANCE

IMAGE QUALITY TV OUTPUT







QUICK REVIEW
ON OFF
Exit

3. Press enter UP/DOWN to select the item "On".

When you take a picture, sub-menu appearsned: It will ask you: Continue or delete?
If Continue is selected, it will return to viewfinder mode with the captured image saved.
If Delete is selected, it will return to viewfinder mode with the captured image deleted.

EXPOSURE

Besides auto exposure, the level also can be adjusted manually by Exposure Compensation Function.With poor light, it is recommended to take picture by manual exposure.

1. In the advanced menu, press

UP/DN to select EXPOSURE.

- 2. Press the DISP/ENTER/REP button to display the sub-menu.
- 3. Press UP/DN to adjust the level.







Record Mode Menu

4. Press DISP/ENTER/REP to confirm, and return to the upper menu.

WHITE BALANCE

White balance function is to make different types of lighting more nautral, that is like selecting daylight film or tungsten film. The default setting is automatic.

- 1. In the advanced menu,by UP/DOWN to select WHITE BALANCE.
- 2. Press the DISP/ENTER/REP button to display the sub-menu.
- 3. Press UP/DN to select the item desired.



4. Press DISP/ENTER/REP to confirm, and return to the upper menu.









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SOUND

Audio indication allows you to see each step processing or ready to process.

- 1. In the advanced menu, select Sound by "UP/DN".
- 2. Press the DISP/ENTER/REP button to display the sub-menu.



3. Press UP/DN to select the item desired.

SOUND	
ON OFF	
Exit	



4. Press DISP/ENTER/REP to confirm, and return to the upper menu.

Record Mode Menu

IMAGE QUALITY

- 1. In the advanced menu, select IMAGE QUALITY by "UP/DN".
- 2. Press the DISP/ENTER/REP button to display the sub-menu.
- 3. Press UP/DN to select the item desired.







- 4. Press DISP/ENTER/REP to confirm it, and return to the upper menu.
- Status LCD displays the corresponding image quality, and recordable image No. under it.



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TV OUTPUT

- 1. In the advanced menu, select TV OUTPUT by "UP/DOWN".
- The set item is determined by your selection last time.
- 2. Press the DISP/ENTER/REP button to display the sub-menu.
- 3. Press UP/DN to select the item desired.



Default is PAL





7 1	11	5	
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		1	

K

4. Press DISP/ENTER/REP to confirm it, and return to the upper menu.



Record Mode Menu

ADJUSTING SCREEN BRIGHTNESS

1. In Record mode,turn on the LCD monitor,press disp, Press MENU/STOP to access

3. Press UP/DN to select the item desired.

2. Press LT/RT to select 😟 .





Brighter

Dark

Normal

Reset the screen brightness before recording to moderate the too dark or too bright



light.

the menu.

Playback Mode

SINGLE-FRAME PLAYBACK

Images shot with the camera are automatically numbered, then stored into the builtn memory or CF card. You can view the stored images one by one just as reading the album.

capture mode



series/total no.

1. Turn the Function dial to ►. The last image shows on TFT LCD.



2. Press LT/RT or UP/DN to scroll up or down the images stored.



Playback Mode

PLAYBACK AN IMAGE WITH AUDIO MEMO

When you view images by pressing the UP/DN button, if an image is attached with the icon \int on top left corner of the LCD monitor, that indicates it is an image with audio memo.



Press the Shutter/Play/Pause button to playback the audio memo, meanwhile, you may use earphone to listen to it.

• The words "AUDIO

PLAYBACK..."shows on the LCD monitor till it is over.





Playback Mode

PLAYBACK A VIDEO CLIP

When you view images by pressing the UP/DN or LT/RT button, if an image is attached with the icon attached with the icon attached between the local provided states in the local provided states in the local provided states at the local provided stat

1. Press the Shutter/Play/Pause button.

• The video clip starts to play, meanwhile, you may use earphone to listen to it.





- 2. Press the Shuttle/Play/Pause button again.The clip will pause, and resume to continue by pressing it again.
- 3. During the video clip playback, use the direction buttons to switch to the previous or next photo, while the clip playback is stopped.





Playback Mode

THUMBNAIL DISPLAY

- 1. Turn the Function dial to 🕨.
- 2. Press MENU/STOP to access the display menu.
- 3. Use the UP/DN button to highlight the icon ∰,press enter.



4. Press UP/DN or LT/RT to select your need.

5.Press Menu to access the display menu.

6.Use the UP/DN button to single in Display format.

7.Press enter.









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Playback Mode

The Playback Mode Menu allows you to easily access to each setting menu such as display format, delete images, digital zoom, print and so on.



Playback Mode Menu

DISPLAY FORMAT

- 1. In playback mode, press MENU/STOP to access to the menu.
- Press it again to exit.



2. Press UP/DN to access to the sub-menu, and select the item desired.

- The default setting is Single.
- To switch to other items, press UP/Dn.









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If you aren't satisfied with any image captured, it allows you to delete it to save storage room.

DELETE IMAGES

1. Turn the Function dial to 🕨 .



- 2. Press LT/RT or UP/DN to check or highlight the image you want to delete.
- It is available in both playback modes (single & thumbnail).
- 3. Press MENU/STOP to access the delete menu.



4. Press the LT/RT buttons to move through the scroll images.







Playback Mode Menu

- 5. Highlight the delete icon 🚡 .
- Press UP/DN to display the sub-menu.
 Useing the UP/DOWN toSelect CURRENT/ALL to delete the current photo or all photoes including the memo and select REFORMAT to delete the all including mp3 files.

6. Press the DISP/ENTER/REP button again.

• A confirmation screen will appear.



DELETE

CURRENT

REFORMAT

ALL

EXIT

- 7. Press the UP/DN to select "YES", and enter
- it.

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• The LCD monitor returns to the next image after deleting it.

DIGITAL ZOOM X 2

- 1. In playback mode, images can be displayed on full screen.
- 2. Turn the Function dial to **>**.
- 3. Press MENU/STOP to access to the menu.



5. Press UP/DN to select the item desired. • To switch to other items, press LT/RT.



δ. Press DISP/ENTER/REP to confirm your selection.









Playback Mode Menu

The image is displayed full screen with a selected portion of the image. You can use UP/DN or LT/RT to scroll around the zoomed in image.



- 6. If is selected, press DISP/ENTER/REP, the portion will zoom into full screen.
- Press it again to return.





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DPOF PRINT

1.In playback mode, press the MENU/STOP button.



2.Press the LT/RT button to highlight the Print icon.

3.Press the UP/DN button to select the item

desired. **DPOF PRINT**



4.Press the Display/Enter/Rep button to confirm your selection.



5. Take off the CF card, push the CF card into the printer with DPOF function(page 6).







Playback Mode Menu

SCREEN BRIGHTNESS

Reset the screen brightness to moderate the too dark or too bright light.

1. Turn the Function dial to .

- 2. Press MENU/STOP to access to the menu.
- 3. Press LT/RT to select
- 4. Press UP/DN to select the item desired.



5. Press DISP/ENTER/REP to confirm it, and return to the preview status.







Brightness

Dark





INFORMATION

1. In playback mode, press the MENU/STOP button to access to the menu.



2. Press the Lt/Rt button to highlight the Information icon.



3. Press the Up/Dn button to select the item desired.



4. Press the Display/Enter button to confirm your selection. Notice: When close the information, it will not close the functional explication.









TV Display

TV DISPLAY

It allows you to playback images captured on TV. And at the same time, you also can use a headphone to listen to audio memo attached.

- 1. Connect AV cable to video output of your camera.
- 2. Connect the other end to video input of TV.
- 3. Turn on TV, and set it to AV mode.

4. Turn the function dial to

- The last image captured shows on TV.
- You can process it the same as in play back mode.







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MP3 Playback

This camera allows you to enjoy MP3 stereo, it reads MP3 files, which is downoaded from PC, from CF card. It is needed to use drive software "Mass Storage".

- 1. Turn the function dial to
- TFT LCD will be lit automaticaly, and MP3 menu appears.

MP3 PLAYER



TITLE:NUNCAT.MP3

NO. :02/04

REPEAT:N0

- 2. Press LT/RT or UP/DN to select a song.
- 3. Press DISP/ENTER/REP to select one repeat mode:





MP3 Playback

- 4. Press Shutter/Play/Pause to start playing back songs selected.
- TFT LCD display the market automatically.
- The volume can be adjusted by pressing LT/RTor UP/DN.
- Press Shutter/Play/Pause to pause playback.



5. Press MENU/STOP to stop playback.

- TFT LCD appears the MP3 menu.
- When you do not want to listen any longer, turn function dial to C, power off.
- 6.During MP3 playback, you can use DISPLAY/ENTER/REP to turn off the LCD monitor and press again to turn it on.



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Troubleshooting

INDICATION

If there are some indication on the LCD monitor, the unit needs the operation as below:

INFORMATION	SOLUTION
MEMORY FULL	Replace the Compact Flash card.
NO MP3 FILE	Copy mp3 files to the dir.:\mp3\
PLEASE REMOVE THE LENS COVER	Move the lens cover slide to open the lens.
NO PICTURE	Take pictures and save them, then playback them.
CARD NOT PROPERLY INSERTED	Power off the unit, and re-insert the card. If it is the first time to use, format it firstly.
Image taken can not be dis- played on the LCD monitor or TV	 Don't go to other operation in the unit until the storing process is over after taking.
	 Make sure there is enough space to store, when you want to take a picture.
	• Make sure the CompactFlash card is valid.
	 When processing the deletion of a picture or all, don't power off.
	 When formatting the memory block, don't power off.

Troubleshooting

SYMPTOMS	CORRECTION
The power is not turned on.	•Restart the unit. •Replace the batteries. •Connect to DC power
The power is turned off during the use.	 Replace the batteries. Do not remove the CF card when power on. Connect the adapter properly when use it.
The unit doesn't take pictures after the shuttle button is pressed.	 Set it to record mode. Initialize the memory media. Replace the batteries. Power on the unit.
Flash light does not work.	•Change to the correct flash mode.
Camera is unable to work by any button or switch.	•Remove the batteries and insert them again.
Something wrong with the color or OSD on LCD.	•For misoperation correction, power it off and then reset it.
Images can't be displayed by TV.	•Make sure the connection is right.
Images can't be downloaded by USB.	 Check the connections. Make sure it is turned on. Replace the batteries or use the adapter properly. Install the right driver software.

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Appendix

SPECIFICATION

General

Fixed focal length, built-in media type digital camera with the LCD monitor, built-in lash light.

Lens

Focal length: 9.2mm (47.4mm in the 35mm film equivalent scales) F number: 2.8 The depth of field: 0.6m to infinity Field of view: 53°

File format

EXIF 2.0 image file format (*.jpg), and compliance with the EXIF 2.1 Standard EXIF 2.0 audio file format (*.wav) Video format JPEG:*.avi

mage

Image file size: 1600x1200 (SXGA); 320x240 (CIF) Image quality mode: super high, high, normal Image compression ratio: super high (1:4); high (1:8); normal (1:16)

Memory media

Built-in storage media (16MB) Number of images can be stored: Approx. 15 for Super High Quality. Approx. 30 for High Quality. Approx. 60 for Normal Quality Compact flash type I (optional)

Appendix

Function

Record mode: snapshot, self-timer, sequence, video clip, audio memo The stereo MP3 playback Preview mode: the LCD monitor, TV, the optics viewfinder Playback mode: the LCD monitor, TV The way of playback: single-frame image, thumbnails Delete function: single, all, format

Number

Shuttle speed: 1/10 --- 1/1000 Time of self-timer: 10 sec. The length of sequence: 3 images The length of video clip: infinity (enough memory) Audio memo record time: 7sec. Auto close the LCD monitor about: 60 sec.

White balance

Automatic, manual setting available (daylight, cloudy, fluorescent, tungsten)

Exposure control

Programmed AE Exposure compensation: up to +/-1.5 EV in 1/2 EV increments. ISO sensitivity: approx. 100 equivalent

Built-in flash

Guide number: 4.8 The effective distance: 1m-2m Restore time: 8sec. Flash mode: auto/no/forced

Viewfinder

64

Ratio of view: 80% Magnification: X0.5 Eye-relief: 10mm

Appendix

LCD monitor

Type: 1.6 inch low temperature poly-silicon color D-TFD module Pixels: approx. 80,000

Digital zoom

Record mode: X4 Playback mode: X2

Interface

USB (universal serial bus) for windows 98/98Se/pr2000/Me/XP Video/audio output: composite video signal

Power source

Power: AA-sized alkaline battery X4 (AA-sized Ni-Cd or AA-sized Ni-MH Battery are also available) External power (optional): 6V-1.5A DC adapter DC terminal (provided on the camera body): 3.5-4.0mm

Operating ambient temperature and humidity ranges

0°C to 40°C (32 to 104F), 85 maximum (noncondensing)

Dimension (W X H X D) 114X65X40mm (4.48X2.56X1.57inches)

Weight (without batteries or recording media)

Approx. 210g

Specifications are based on the latest information available at the time of print and are subject to change without notice.