

PANORAMA

Nikon 35Ti
QUARTZ DATE

Instruction Manual

FOREWORD

Thank you for purchasing the Nikon 35Ti Quartz Date. You are now the proud owner of a sophisticated, high-tech camera that has been designed not only for automatic, masterful simplicity of operation but also to enable you to apply creative techniques to your photography. To benefit fully from the camera's advanced features, read this manual thoroughly. Get to know the camera, including the symbols used for its control buttons and analog display system. Keep this manual handy until you feel confident using the camera. This way, you can enjoy all the rewards of owning the 35Ti Quartz Date.

IMPORTANT NOTES ON PANORAMA PICTURES

In some cases, your local film processing lab may not be able to handle the printing of panorama size pictures. For details, consult your local photo shop or camera dealer. Also, before you have your film processed, ask your local photo shop about possible options for processing panorama pictures. Note that panorama pictures are more expensive and require a longer processing time than regular size pictures.

For easy identification, attach the appropriate supplied adhesive label, "**PANORAMA**," "**NORMAL & PANORAMA MIXED**" or "**DEVELOP ONLY**" to the film cartridge when you bring the film to a photo shop for processing.

- 1) If an entire roll consists of panorama size pictures, be sure to specify panorama processing, explain that your film consists entirely of panorama pictures, and attach a "**PANORAMA**" label on the film cartridge.
- 2) When you have a mix of panorama and regular pictures on a single roll, you should have your film processed according to one of the following conditions:

2

If your local photo shop has photo processing machinery equipped to process a single roll of film that contains a mix of both panorama and regular size pictures:

- a) Explain that your film consists of a mix of panorama and regular size pictures when you have your film processed and attach a "**NORMAL & PANORAMA MIXED**" label to the film cartridge.

If your photo shop can only process either panorama or regular size pictures per roll:

- b) Ask for development only, so you can review the negative film before printing, and later specify separate printing of panorama and regular size frames. Attach a "**DEVELOP ONLY**" label to the film cartridge.
- c) Print all of the pictures in regular size prints first, then later specify the panorama size frames on the film and have them printed again in panorama size prints. Note that when panorama pictures are printed as regular size pictures, the top and bottom of each picture are blacked out.

In a panorama picture, only the middle portion of each regular size film frame is exposed. There is no difference, however, in the number of pictures you can take with a roll, whether they be panorama, regular size, or a mix of both.

Regular size frame Panorama frame

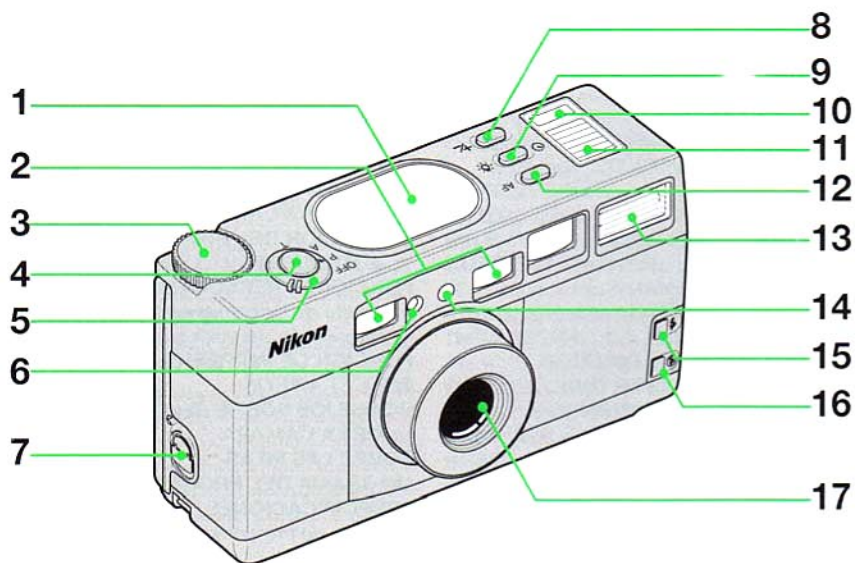


PANORAMA



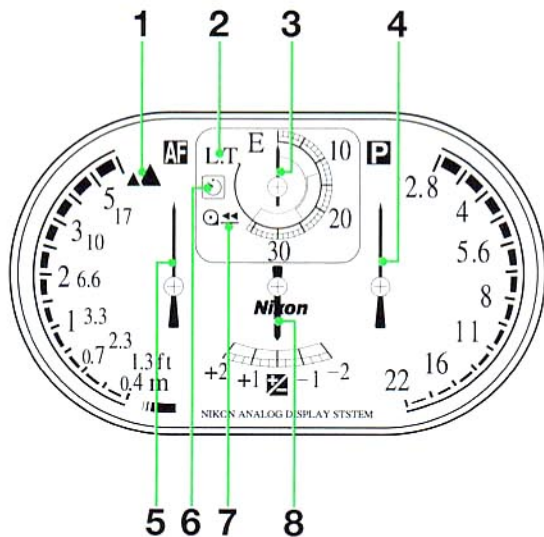
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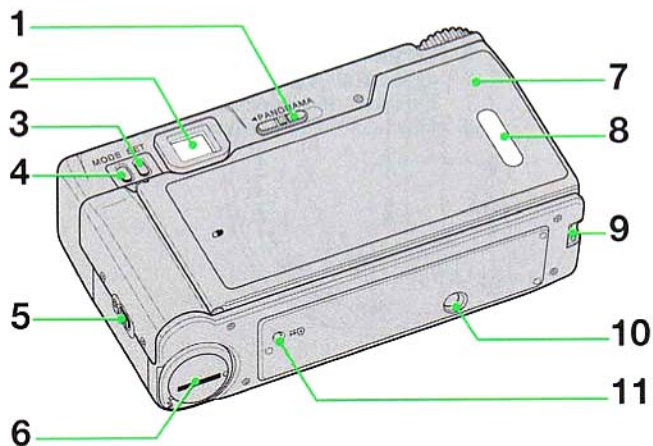
1. Analog display
2. Autofocus windows
3. Command Dial
4. Shutter release button
5. Select dial
 - P: Program Auto exposure mode
 - A: Aperture-priority Auto exposure mode
 - T: Long-time exposure mode
6. Self-timer indicator/red-eye reduction lamp
7. Camera back lock-release
8. Exposure compensation button
9. Self-timer/illuminator button
10. LCD panel
11. Viewfinder illumination window
12. Focus mode button
13. Flash
14. Auto exposure metering window
15. Anytime flash button
16. Flash cancel button
17. Lens



10

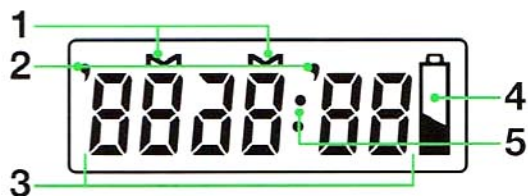
Analog Display

1. Infinity focus indicator
2. Long-time exposure counter over 50 seconds (T mode)
3. Film counter/Exposure time counter (T mode)
4. Aperture indicator
5. Focus distance indicator
6. Self-timer indicator
7. Rewind indicator
8. Exposure compensation indicator



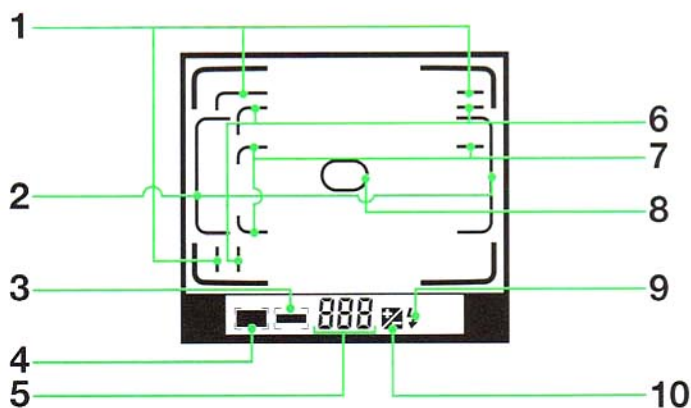
1. Panorama switch
2. Viewfinder
3. SET button
4. MODE button
5. Flash with red-eye reduction switch
6. Battery chamber lid
7. Camera back
8. Film cartridge confirmation window
9. Wriststrap slot
10. Tripod socket
11. Mid-roll rewind button

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LCD panel

1. Month indicator
2. Year indicator
3. Imprint data/counter display
4. Insufficient battery power indicator
5. Time indicator colon



Inside Viewfinder

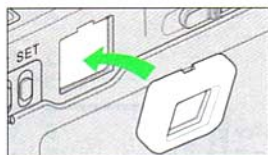
1. Parallax compensation marks for close-up shooting: distance of approx. 1.8 - 3.9 ft.
 2. Panorama frame marks
 3. Panorama size shot indicator
 4. Regular size shot indicator
 5. Shutter speed*
 6. Parallax compensation marks for close-up shooting: distance of approx. 1.3 - 1.8 ft.
 7. Parallax compensation marks for panorama close-up shooting: distance of approx. 1.3 - 2.6 ft.
 8. Autofocus frame mark
 9. Flash indicator
 10. Exposure compensation indicator
- * Can be changed to aperture display using custom function. See pages 79-82.

Accessories

Camera Case CS-L100

Soft leather case

- Since the case is made of natural leather, the color may fade slightly if it gets wet or is rubbed against something.
- Handle the case with care. Do not let it get wet, or the leather may shrink.
- If it becomes wet, wipe moisture off fully, reshape it and dry it in proper shape.
- For best results, periodically oil the case.

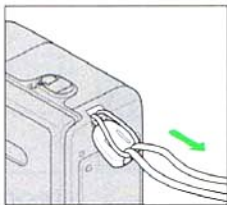
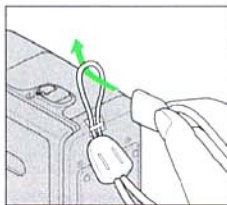


To see through the viewfinder more comfortably:

If the viewfinder image is not crystal clear, try attaching the optional adapter (available soon). This changes the viewfinder from -1 diopter to $+0.5$ diopter. Confirm which is best for you, whether or not you're using eyeglasses, with or without the adapter.

- To detach the viewfinder eyepiece, insert the pointed object in the hole on top of the eyepiece and lift the eyepiece off.

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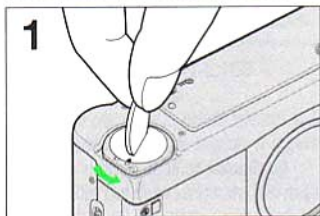


Attaching wriststrap

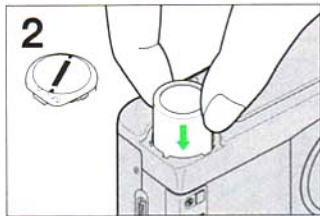
Attach wriststrap by inserting it through slot as shown.

BASIC OPERATION

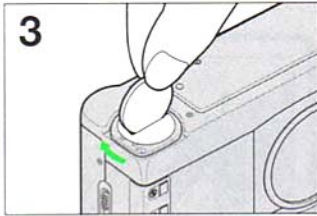
INSTALLING BATTERY



1 To open the battery chamber, turn the battery chamber lid counterclockwise to ☺ with a coin.

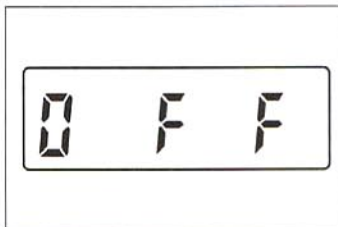


2 Install one 3V lithium battery (DL123A or CR123A type) as indicated.



3 To close the chamber, put the lid back into place and lock the chamber by turning the lid clockwise from ☺.

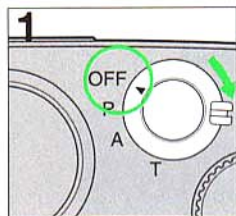
18



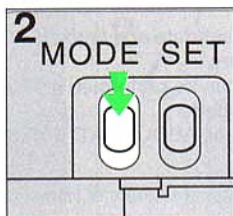
OFF appears on the LCD panel. If OFF does not appear on the LCD panel, battery is weak or is not properly installed.

- Remember to set date and time after installing battery.
- No operation can be performed until 3 sec. after installing battery.
- For batteries, see ABOUT BATTERIES on page 92.

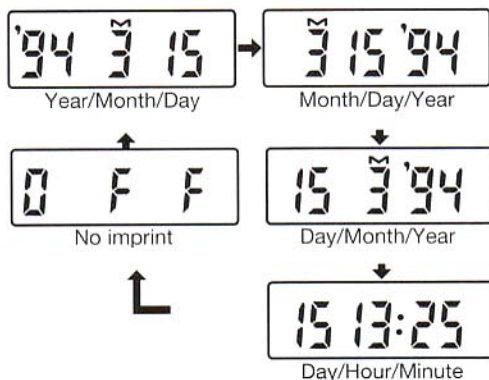
SETTING DATE AND TIME



1
Turn the select dial to OFF.



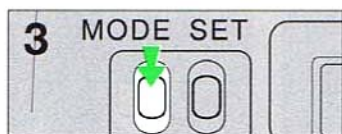
2
Press the MODE button to select one of the five displays. To make further changes, continue to press the button.



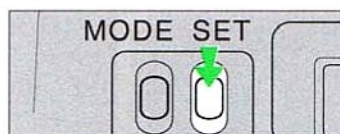
Each press of the MODE button changes the display in the indicated order.

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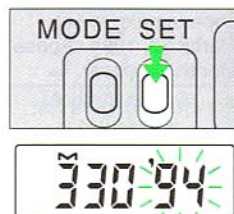
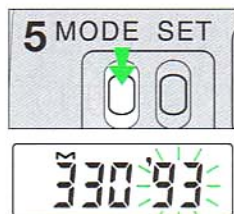
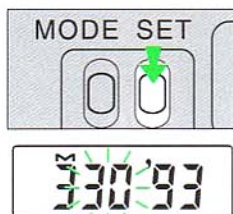
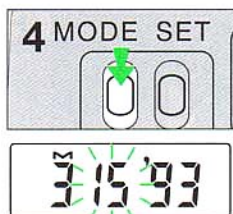
For example, to set March 30, 1994 choose Month/Day/Year.



3
To set the month:
Press and hold the MODE button for more than 2 seconds; the month section will start blinking. A different mode will appear momentarily; then the display reverts back to the blinking month mode. You can now set the month.



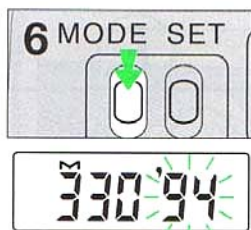
Press the SET button. To change numbers faster, keep the SET button pressed for more than 2 seconds.



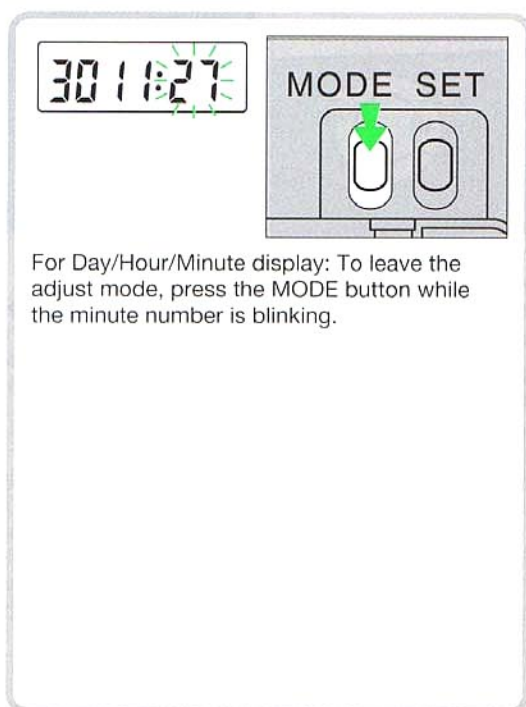
To set the day:
Press the MODE button until the day section starts blinking, then press the SET button to set the correct day.

To set the year:
Press the MODE button until the year section starts blinking, then press the SET button to set the correct year.

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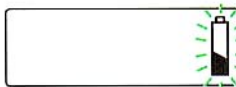
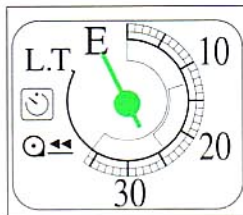
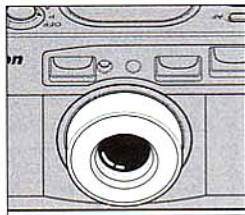
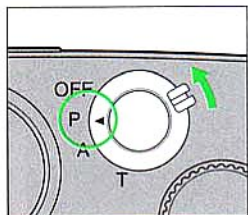
To confirm if the display is correct, press the MODE button while the year display is blinking. The new data appears without blinking.




For Day/Hour/Minute display: To leave the adjust mode, press the MODE button while the minute number is blinking.

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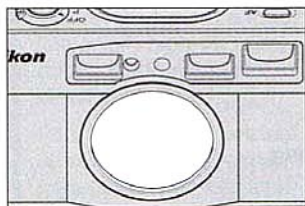
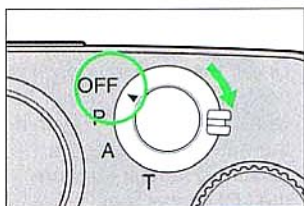
CHECKING BATTERY POWER



Turn the camera on by turning the select dial to P, A or T. The lens cover opens and the lens extends out. The film counter indicator in the analog display points to E and “E” appears on the LCD panel.

If neither happens, the battery is either exhausted or has been incorrectly installed. If the battery is exhausted,  (insufficient battery power indicator) blinks in the LCD panel.

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To turn camera off

Turn the select dial to OFF.


The lens retracts and the lens cover closes. The analog display indicators return to their original positions (exposure compensation indicator points to previously set exposure value), the viewfinder display turns off and the film counter display changes to imprint data.

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Checking battery power while shooting

Battery power is weak if—

- Blinking  appears on the LCD panel.
- Film advance speed or flash recycling time becomes noticeably slower.

In either case, replace the battery with a new one.

At low temperatures or just after the flash fires

Under these conditions, it is normal for battery power to weaken temporarily, even if the battery is new and a blinking  may appear on the LCD panel.

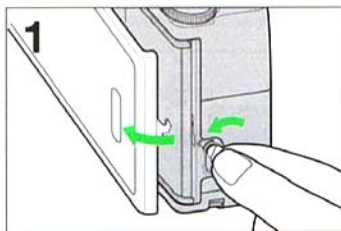
LOADING FILM



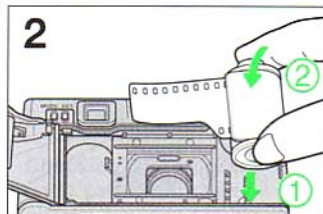
Use only DX bar-coded film.
(With non-DX-coded film, film speed is automatically set to ISO 100.)

- The usable film speed range for DX-coded film is ISO 25 to 5000.

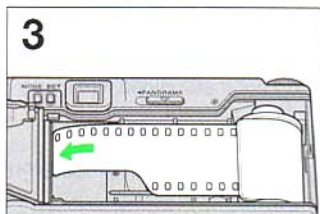
To prevent film from fogging (especially high-ISO film), do not load/unload film in direct sunlight.



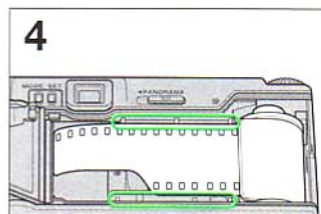
To open the camera back, pull out the lock release and turn as indicated.



2
Position the hole in the bottom of the film cartridge over the film rewind fork and slip the film cartridge into the chamber.



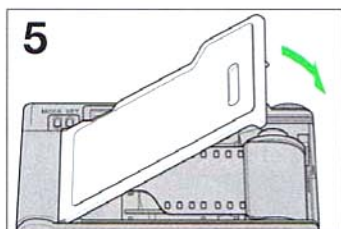
3
Pull the film leader across to the red film leader position index.



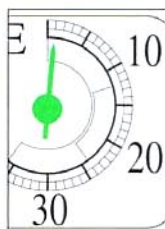
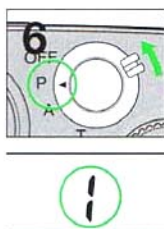
4
Make sure the film is located between the film guides and there is no film slack.



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5
Close the camera back.

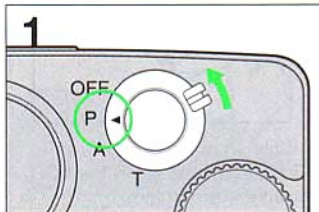


6
Turn camera on by turning the select dial to any position other than OFF and fully depress the shutter release button so the film counter indicator in the analog display points to 1 and 1 appears on the LCD panel.



If film is not properly installed, E blinks in the LCD panel. Reload film.

BASIC SHOOTING



Turn the select dial to P.



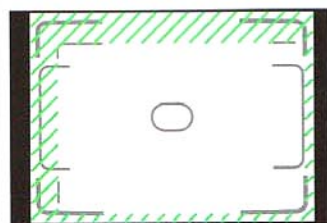
The lens cover automatically opens, and the lens extends out.



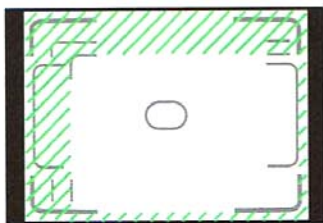
Look through the viewfinder and center the autofocus frame mark on the subject.

Program auto exposure mode (select dial set to P) is used for most picture-taking situations. Correct shutter speed and aperture are selected automatically. For aperture-priority auto operation, see pages 42-45.

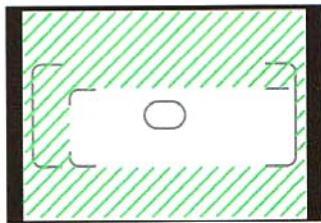
30



Normal shooting: distance of approx. 1.8 - 3.9 ft.



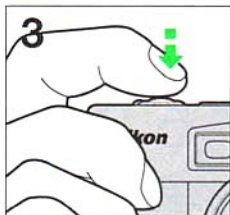
Normal shooting: distance of approx. 1.3 - 1.8 ft.



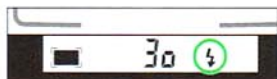
Panorama shooting: distance of approx. 1.3 - 2.6 ft.

To shoot closeup

When the shutter release button is lightly pressed, three sets of parallax compensation marks automatically appear to indicate the shooting area. Make sure your subject is framed within the parallax compensation marks.



Lightly press the shutter release button. Confirm that shutter speed indication appears in the viewfinder. Focus distance and aperture are also indicated in the analog display.



If flash indicator appears in the viewfinder

Light is low and the built-in flash will automatically fire when you depress the shutter release button. For details, see **ADVANCED SMART FLASH** on pages 50-65.

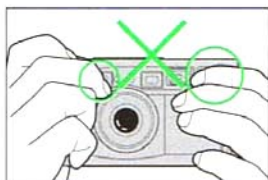
If flash indicator blinks in the viewfinder, flash is not sufficiently charged. Remove your finger from the shutter and wait a few seconds. Then lightly press the button again.

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If autofocus frame mark blinks inside the viewfinder

The subject is too close. Remove your finger from the shutter release button, step a little farther from the subject, then lightly press the button again and make sure autofocus frame mark is no longer blinking.



Basic handling

Be sure not to block the lens, autofocus window, or built-in flash with your finger or the camera strap.

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Analog display & viewfinder illumination

Camera automatically illuminates the viewfinder in dim light.

To manually illuminate the viewfinder, press the self-timer/illuminator button. The analog display is also illuminated in dim light.

Illumination turns off automatically after approx. 6 seconds, or after the shutter release button is fully depressed.

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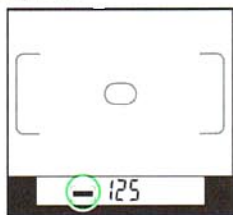
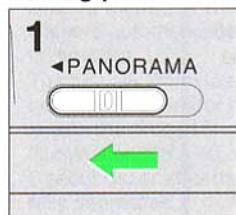



Fully depress the shutter release button to take the picture. Film automatically advances by one frame.

In program auto exposure mode, camera automatically sets aperture and shutter speed for optimum exposure. If you want to change that combination for creative reasons yet maintain correct exposure, choose Flexible Program (see pages 40-41).

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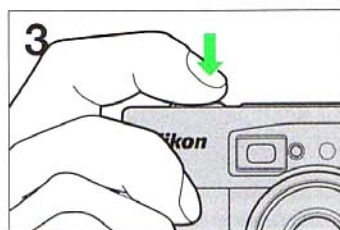
Taking panorama pictures



Slide the panorama switch in the direction of the arrow until it clicks.  appears and frame marks for regular size pictures disappear inside viewfinder.

Look through the viewfinder and center the autofocus frame mark on the subject. For best results, make sure that the subject is well within the panorama frame marks. (The frame of printed panorama pictures is slightly smaller than the frame exposed on film.)

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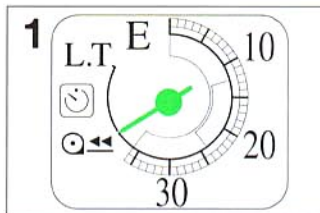
Take the picture.



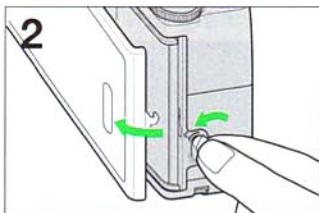
Panorama picture

For important notes on panorama pictures, see pages 2 and 3.

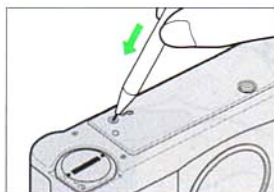
REWINDING FILM



1 When the film reaches the end of the roll, the film automatically starts rewinding.



2 After rewinding is completed, open the camera back and remove the film cartridge.



To rewind film before you reach the end of film roll:
Push the mid-roll rewind button with a pointed object.

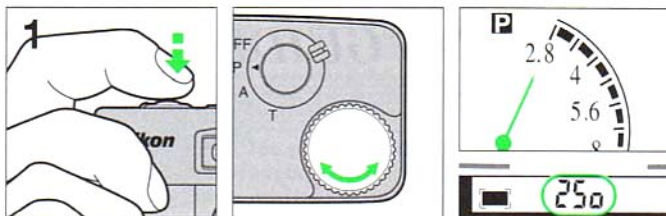
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ADVANCED SHOOTING GUIDE

Now that you feel comfortable using the 35Ti Quartz Date in its most basic mode, you are ready to use its built-in features for advanced picture-taking techniques. These techniques involve the use of various buttons and dials, the analog display and other indications to confirm operation. It is important that you master the 35Ti Quartz Date's easy-to-understand symbols and indications; until then, keep this manual handy. This way, you can enjoy all the rewards of owning the 35Ti Quartz Date. Remember, practice makes perfect!

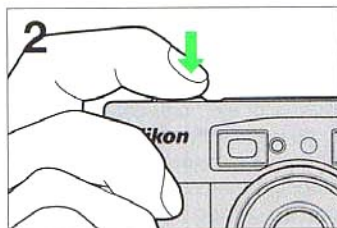
FLEXIBLE PROGRAM

If you want to change the shutter speed/aperture combination in P (program auto) mode, use Flexible Program function. Flexible Program enables you to temporarily change an automatically set shutter speed/aperture combination in approx. 1 EV steps, while maintaining the correct exposure.



Lightly press the shutter release button and turn command dial until desired shutter speed or aperture value appears in viewfinder or in the analog display. (Shutter speed/aperture can be shifted as long as the exposure meter stays on, until approx. 4 sec. after releasing your finger from the shutter release button.)

40



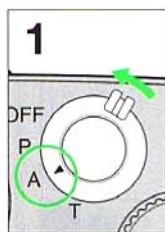
Take a picture.

- Shutter speed and aperture can be changed up to certain values. The values beyond these limits cannot be selected and displays do not change beyond these limits.
- The flexible program is maintained as long as the exposure meter stays on, unless you turn the command dial to the previous shutter speed/aperture. As soon as the meter switches off (the viewfinder display disappears), flexible program is canceled.
- Flexible program is also canceled when you switch the exposure mode to another mode, readjust the camera settings or turn off the power .

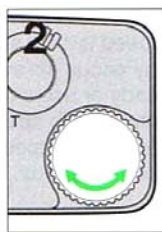
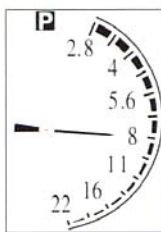
APERTURE PRIORITY AUTO EXPOSURE MODE

The aperture priority auto exposure mode is useful when taking depth-of-field into consideration. For example, you may wish to have the background of a portrait picture blurred to make the main subject stand out. Smaller apertures (larger F-numbers) yield wider depth-of-field, and larger apertures (smaller F-numbers) yield shallower depth-of-field. In the aperture priority auto exposure mode, shutter speed is automatically set according to the selected aperture. See page 99 for “depth of field chart”.

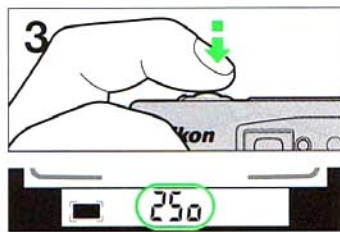
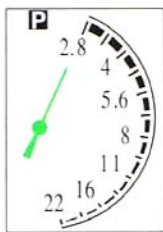
42



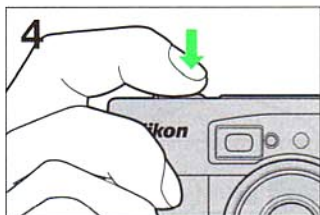
1
Set the select dial to A.
Exposure indicator in the analog display points to the exposure value previously set.



2
Select the desired aperture by turning the Command Dial.



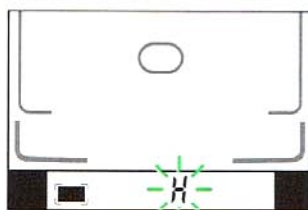
3
Lightly press the shutter release button.
Shutter speed is automatically set and displayed inside the viewfinder.



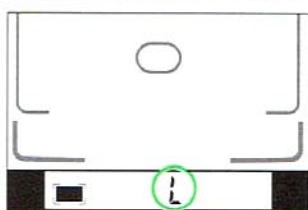
Fully depress the shutter release button to take the picture.

- If the shutter speed is 1/30 sec. or lower, picture blur may occur. To avoid this, hold the camera steady or use a tripod.
- When using auto flash in aperture priority exposure mode, shutter speed is controlled to speeds as low as approx. 1/4 sec.

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If **H** blinks inside the viewfinder—
Overexposure alert:
Select a smaller aperture (larger F-number).

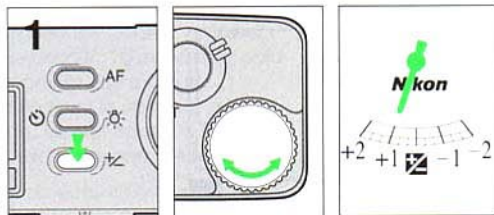


If **L** appears inside the viewfinder—
Underexposure alert:
Select a wider aperture (smaller F-number).

45

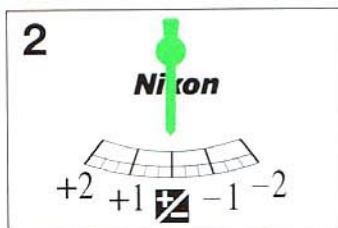
EXPOSURE COMPENSATION

This technique, which requires experience to fully master, is used to override the camera's automatic exposure control for special effects, i.e., to intentionally overexpose or underexpose, or to overcome unusually difficult lighting conditions. To modify exposure control (i.e., from the ISO standard) use the exposure compensation button. Compensation from $-2EV$ to $+2EV$ in $1/3$ steps is possible.



While pressing the exposure compensation button, turn the Command Dial to set the desired compensation value and refer to the exposure compensation indicator in the analog display.

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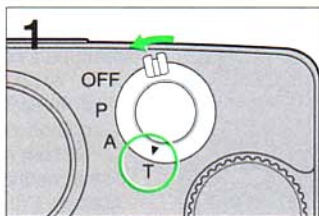


After shooting, be sure to reset the amount of compensation to "0" to resume normal operation.

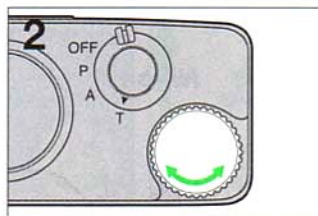
LONG TIME EXPOSURE

During long time exposure, the shutter remains open until the shutter release button is depressed for the second time. A long time exposure can extend up to 10 minutes.

To avoid camera shake, which may cause picture blur, use a tripod.

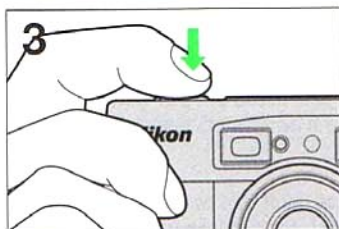


Turn and set the select dial to T.

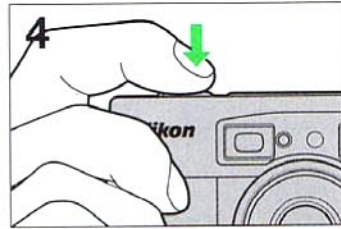
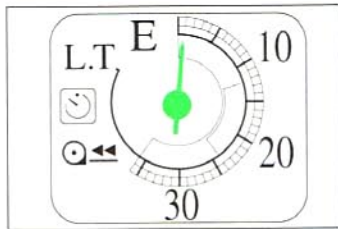


Set desired aperture by turning the Command Dial.

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Fully depress the shutter release button to start exposure. The film counter/exposure time indicator in the analog display starts rotating from 0 position, indicating the exposure time. (It stops at L.T. after 50 seconds.)



Fully depress the shutter release button again to stop exposure.



Auto Flash

Flash fires automatically when there's not enough light or the subject is back-lit. In this case, if you lightly press the shutter release button, \downarrow appears in the viewfinder indicating flash is ready. You then depress the shutter release button to take the picture.

The shutter speed is controlled to speeds as low as approx. 1/30 sec. in P (program auto exposure) mode and 1/4 sec. in A (aperture priority exposure) mode.

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Flash-Cancel

This mode is used to shoot without flash in lighting conditions where normally the camera would automatically fire the flash. Use this mode to make the scene appear dark or as it appears to you.

Anytime Flash

This enables you to use flash anytime you want to, even in bright available light. Use this mode to remove shadows from your subject in bright sunlight, or when the subject is backlit.

Also, shutter speed is controlled as slow as 1/4 sec. in dark situations, so this mode is used to make background details more visible in night scenes.

Flash with red-eye Reduction

Use this mode to reduce the possibility of red-eye when taking pictures of people or animals in the dark. See pages 62-65.

Flash shooting range

Before shooting with flash, make sure the subject is within the flash shooting range for the film speed in use. The flash shooting distance varies as in the following table.

Note that overexposure may occur if you take close-up pictures with film rated ISO 1600 or higher.

When select dial is set to P:

Unit: meters (feet)

ISO film speed		Flash shooting distance range
Print film	1600	0.4 – 20 (1.3 – 65.6)
	800	0.4 – 14 (1.3 – 45.9)
	400	0.4 – 10 (1.3 – 32.8)
	200	0.4 – 7.1 (1.3 – 23.3)
	100	0.4 – 5 (1.3 – 16.4)
	50	0.4 – 3.5 (1.3 – 11.5)
	25	0.4 – 2.5 (1.3 – 8.2)
Color slide film	100	0.4 – 3.8 (1.3 – 12.5)
	64	0.4 – 3.1 (1.3 – 10.2)

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Flash shooting range for print film when select dial is set to A:

Unit: meters (feet)

	ISO film speed for print film							Flash shooting distance range
	1600	800	400	200	100	50	25	
Aperture	2.8							0.4 – 20 (1.3 – 65.6)
	4	2.8						0.4 – 14 (1.3 – 45.9)
	5.6	4	2.8					0.4 – 10 (1.3 – 32.8)
	8	5.6	4	2.8				0.4 – 7.1 (1.3 – 23.3)
	11	8	5.6	4	2.8			0.4 – 5 (1.3 – 16.4)
	16	11	8	5.6	4	2.8		0.4 – 3.5 (1.3 – 11.5)
	22	16	11	8	5.6	4	2.8	0.4 – 2.5 (1.3 – 8.2)
			22	16	11	8	5.6	0.4 – 1.8 (1.3 – 5.9)
				22	16	11	8	0.4 – 1.25 (1.3 – 4.1)
					22	16	11	0.4 – 0.9 (1.3 – 3.0)
					22	16	11	0.4 – 0.6 (1.3 – 2.0)

Flash shooting range for color slide film when select dial is set to A:

Unit: meters (feet)

ISO 100 color slide film		Flash shooting distance range
Aperture	2.8	0.4 – 3.8 (1.3 – 12.5)
	4	0.4 – 2.7 (1.3 – 8.9)
	5.6	0.4 – 1.9 (1.3 – 6.2)
	8	0.4 – 1.3 (1.3 – 4.3)
	11	0.4 – 1.0 (1.3 – 3.3)
	16	0.4 – 0.7 (1.3 – 2.3)
	22	0.4 – 0.5 (1.3 – 1.6)

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Unit: meters (feet)

ISO 64 color slide film		Flash shooting distance range
Aperture	2.8	0.4 – 3.1 (1.3 – 10.2)
	4	0.4 – 2.1 (1.3 – 6.9)
	5.6	0.4 – 1.5 (1.3 – 4.9)
	8	0.4 – 1.1 (1.3 – 3.6)
	11	0.4 – 0.8 (1.3 – 2.6)
	16	0.4 – 0.5 (1.3 – 1.6)



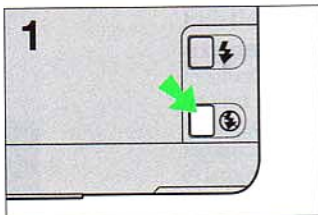
Fill-flash — to take optimum exposures of backlit scenes

In situations where a dark subject is positioned against a bright background (i.e., person in front of window in bright daylight), the built-in flash automatically fires, brightening the subject with fill-in lighting and preventing the picture from being underexposed.

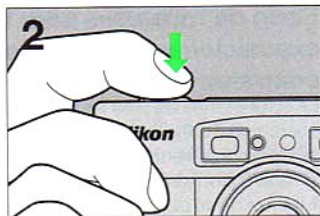
- *To cancel fill-flash (i.e., to make exposure compensation without fill-flash or if you want the dark-subject-against-bright-background effect), use the Flash-Cancel mode. For details on exposure compensation, see pages 46-47.*
- *The Anytime Flash mode gives you fill-flash literally anytime you want it, regardless of the subject's brightness.*

Flash-cancel

To shoot without flash in light conditions where normally the camera would automatically fire the flash:



Press and hold the Flash cancel button.



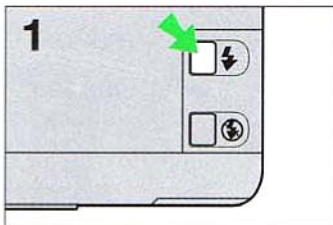
Press the shutter release button to take the picture while the Flash cancel button is kept pressed.

- Make sure to hold the camera steady to prevent camera shake.
- The flash cancel mode can also be activated by using the custom function. For details, see pages 79-82.

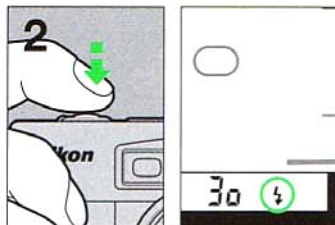
58


Anytime flash

This mode enables you to use flash anytime.



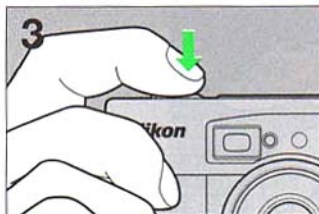
Press and hold the Anytime flash button.



Lightly press the shutter release button and confirm that  appears inside the viewfinder.



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Fully depress the shutter release button while the Anytime flash button is kept pressed to take the picture with flash.



Slow sync flash — improve background exposure

If you take a picture of a subject using the Auto Flash at a relatively close distance, the subject will appear bright and well exposed, but the background is usually dark, almost black. To brighten the background exposure, use Anytime flash.

Although the slowest shutter speed for Auto Flash is approximately 1/30 sec., when Anytime flash is used, the shutter speed can be controlled to speeds as low as approximately 1/4 sec., thus allowing better exposure for both the flash-illuminated subject and the otherwise dark background.

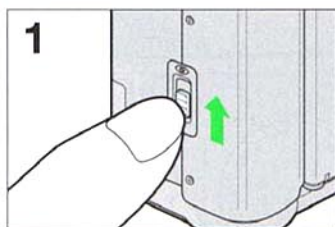
In Slow Sync flash, the shutter speed is relatively slow, so mount the camera on a tripod, or brace yourself against a wall or something sturdy, to prevent camera shake.

Red-eye reduction — to take better flash portraits

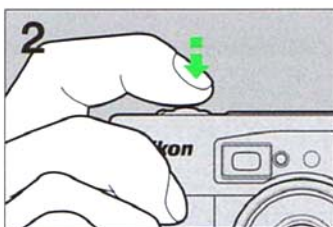
“Red-eye” is a phenomenon in flash photography, in which the center portions of a subject’s eyes (people or, sometimes, animals) appear bright red in color pictures, and white in B&W pictures.


To substantially reduce the red-eye effect, the camera’s flash operation includes a special red-eye reduction mode. With this mode, when you fully depress the shutter release button, the self-timer indicator/red-eye reduction lamp lights for approximately 1 second before the flash fires and the picture is taken. This causes the subject’s eye pupils to become smaller, reducing the red-eye appearance.

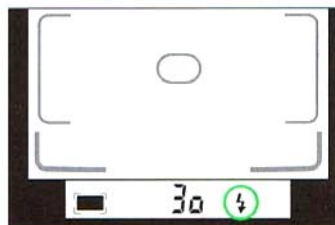
62

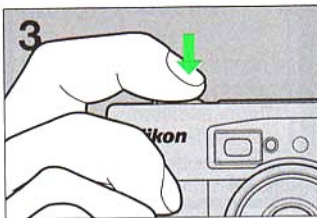


1 Slide the red-eye reduction switch up.

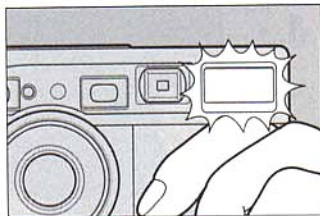
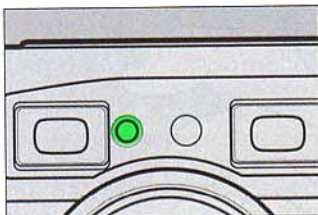


2 Lightly press the shutter release button and confirm that  appears inside the viewfinder.





Fully depress the shutter release button to take the picture.



The self-timer indicator/red-eye reduction lamp lights for approximately 1 second; the shutter is then released to take the picture when the main flash fires.

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- Make sure you hold the camera steady and that your subject keeps still during this operation.

To ensure the most effective reduction of red-eye, make sure of the following:

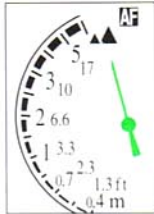
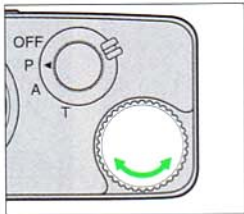
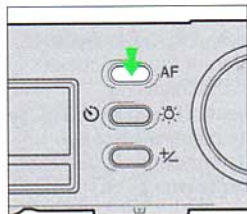
- Subjects should look directly at the camera's red-eye reduction lamp.
- Subjects with poor vision should wear their eyeglasses or contact lenses.
- For indoor shooting, make the room as bright as possible.

Red-eye tends to be more pronounced with children and cannot be as effectively reduced.



Autofocus

Assures consistently in-focus pictures for subjects within the autofocus frame mark.



Infinity Focus

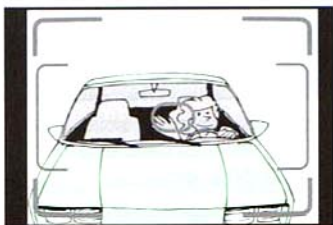
While pressing the AF (focus mode) button, turn the Command Dial so the distance indicator points to $\blacktriangle\blacktriangle$. Focus is locked at infinity. Use to shoot landscapes, or distant scenes through glass or window panels. Flash is automatically canceled.

Special focusing situations

The following subjects may be too difficult to focus:



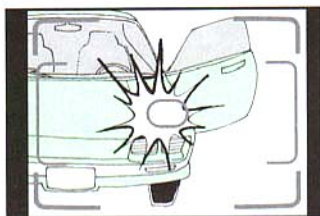
a. Subjects too small to fully cover the autofocus frame marks



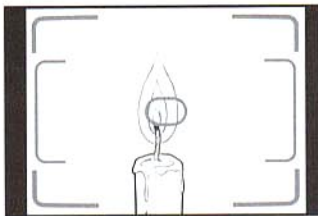
b. Subjects behind glass



c. Dark subjects with no reflection



d. Glossy light-reflecting surfaces, such as shiny cars or water



e. Subjects without solid content (i.e., candle flame, fireworks, etc.)



f. Subject strongly backlit

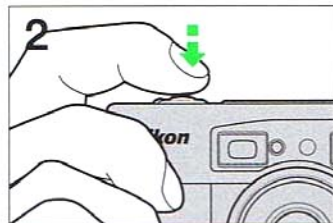
68

Focus lock

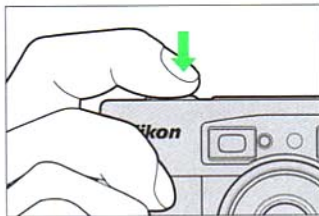
To take a picture of a subject outside the autofocus frame mark, use focus lock.



Center autofocus frame mark on the subject.



Lightly press the shutter release button.

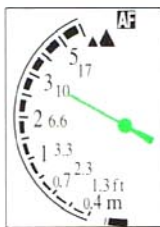
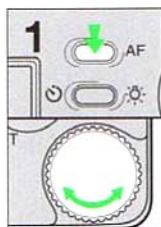


Keeping the shutter release button lightly pressed, recompose the picture as desired, then fully depress the shutter release button to take the picture.

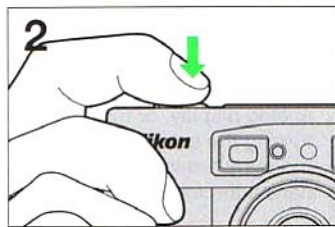
70

Preset focus

To take a picture of a subject that is difficult to focus with autofocus or focus lock, use preset focus. Preset focus is also useful in situations where you want to lock the focus to a certain shooting distance.



While pressing the AF button, turn the Command Dial so the estimated distance is indicated in the analog display.



Press the shutter release button to take the picture.

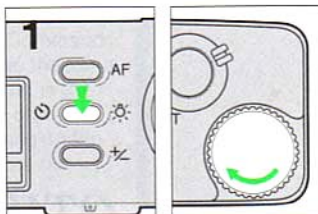
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To cancel preset focus, turn the Command Dial while pressing the AF button so the focus distance indicator points to AF or ▲▲ in the analog display, or turn the camera off by turning the select dial to OFF. (Changing the mode by turning the Select Dial does not cancel the manual focus mode.)

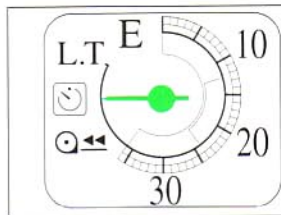
OTHER FUNCTIONS

SELF-TIMER OPERATION

When using the self-timer, it is recommended that you place the camera on a tripod or a stable, flat surface.

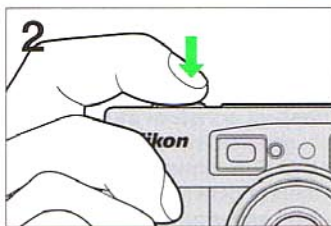


1 While pressing the self-timer/illuminator button, turn the Command Dial clockwise.

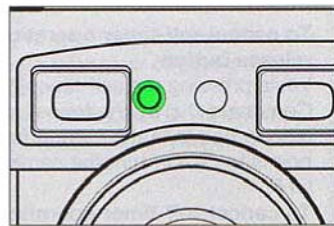
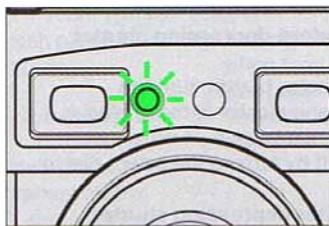


The film counter/exposure time indicator in the analog display points to 0.

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2 Fully depress the shutter release button.



The self-timer indicator lamp blinks approximately 8 seconds, and then stays on approximately 2 seconds and the shutter is released.

To cancel self-timer operation before depressing shutter release button

While pressing the self-timer/illuminator button, turn the Command Dial so the frame counter indicator in the analog display points to the current frame number (i.e., it no longer points to ∅). Or, turn the camera off by turning the select dial to OFF.

To cancel self-timer operation after depressing shutter release button

Turn the select dial to another position.

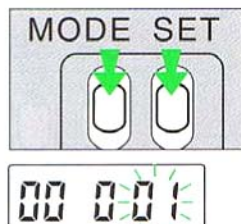
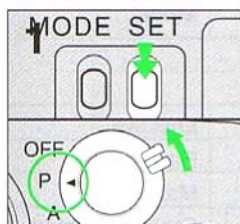
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CUSTOM FUNCTION

With the 35Ti Quartz Date's Custom function, you can select the following:

- 1) Auto flash mode:** Auto flash or Flash cancel mode (Automatic finder/analog display illumination is also canceled)
- 2) Exposure metering system:** Matrix metering or center-weighted metering
 - Matrix metering:** 35Ti Quartz Date's basic exposure metering system. 6-segment matrix sensor detects scene brightness and contrast, and with ISO and focus distance information, provides optimum exposure in complex lighting situations.
 - Center-weighted metering:** Useful in situations where you want to specifically base exposure on the center of a scene.
- 3) Viewfinder LCD:** Shutter speed display or aperture display
- 4) Data imprint:** Data may be imprinted on all film frames; only on the frame of the first shot of a roll; or on the first shot of a day, everyday, until the film runs out. Day/Hour/Minute display is imprinted on all frames regardless of this setting.
- 5) Analog display reset:** For resetting indicators when they deviate from their original positions. See pages 83-85.
- 6) Panorama frame marks inside viewfinder:** displayed or not displayed, as you wish.

Custom function setting

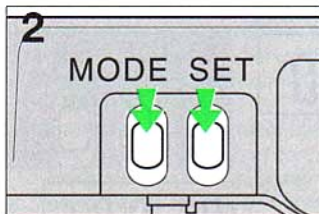


While pressing the SET button, turn the select dial to "P" from OFF. "00 0 00" or "00 0 01" appears in the LCD panel and the first two digits blink.

*To select analog display reset or panorama frame marks mode, first change the two digits furthest left to 02 or 03 by pressing the SET button.

The custom function is ready to be set when "00 0 01" is shown in the LCD.

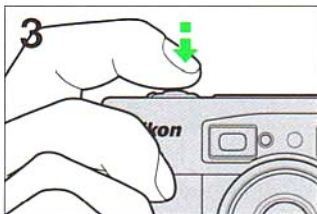
If "00 0 00" is shown in the LCD, press the MODE button until the two digits furthest right blink, then press the SET button to select "00 0 01".



Press the MODE button to change the position to be set and press the SET button to select the desired custom function number.

Custom function number	Function	Mode
00 0 00	Initial setting	
00 0 01		
01 1 00	Auto flash mode	Effective
01 1 01		Flash cancel
01 2 00	Exposure metering system	Matrix
01 2 01		Center-weighted
01 3 00	Viewfinder LCD	Shutter speed
01 3 01		Aperture
01 4 00	Imprint data	All frames
01 4 01		Selected frames*
02 0 00	Analog display reset	Locked
02 0 01		Reset able
03 0 00	Panorama frame marks	Displayed
03 0 01		Not displayed

* Frame of the first shot of a new film roll or the first shot of a day, everyday, until the end of the film roll.



When the desired custom function number(s) is (are) selected, press the shutter release button lightly to set the custom function setting.

* To set the 'panorama frame marks' function, press the MODE button instead.



After the desired custom function is set, the frame counter display reappears in the LCD.

- Custom function settings stay in place until changed.
- To confirm custom function settings, verify selected number when the two digits furthest right are blinking.

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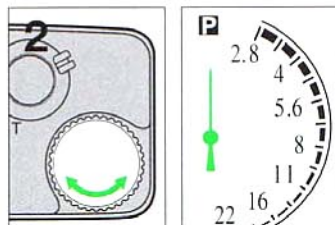
Analog display reset

When the camera is turned off, if an analog display indicator points to a position other than its original position (i.e., due to accidental shock or magnetic interference), reset the indicators.

1

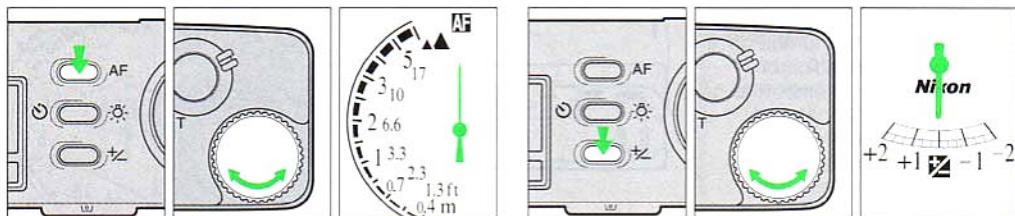


Set the custom function display to "02 001" following the steps in the "Custom function setting" section.



To reset the aperture indicator: Turn the Command Dial and reset the indicator to P.

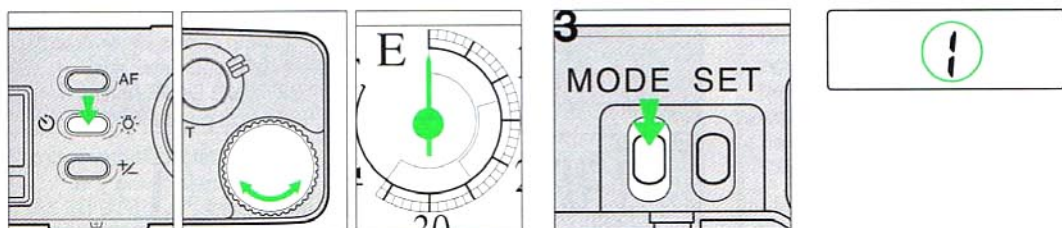
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To reset the focus distance indicator:
While pressing the focus mode button, turn the Command Dial and reset the indicator to AF.

To reset the exposure compensation display:
While pressing the exposure compensation button, turn the Command Dial and reset the indicator to 0.

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To reset the frame counter indicator:
While pressing the self-timer/illuminator button, turn the Command Dial and reset the indicator to 0.

Press the MODE button.
The custom function mode is terminated and the LCD returns to the frame counter display.

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DATA IMPRINTING FUNCTION

Data can be imprinted on both normal and panorama size pictures. When the panorama mode is selected, the position and size of the imprinted data on the film are automatically adjusted to fit the panorama frame.



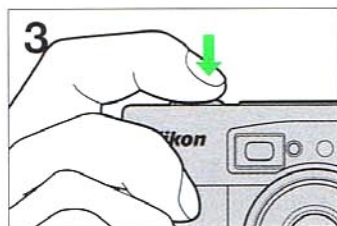
Select your desired display by pressing the MODE button while the camera power is off and confirm that the date and time are correctly set.

For instructions on how to set date and time, see "SETTING DATE AND TIME" on pages 20-23.

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Turn the camera power on. Data display in the LCD panel changes to the frame counter.



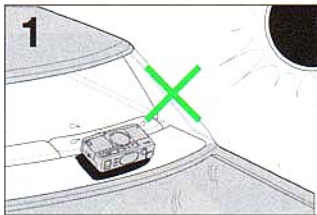
Depress the shutter release button to take the picture with imprinted data.

Data may not be imprinted properly on any film frame beyond 24 on a 24-exposure film roll or beyond 36 on a 36-exposure film roll.

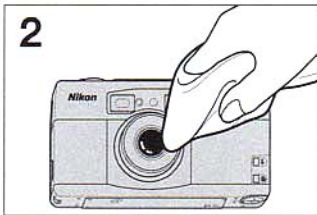


MISCELLANEOUS

CAMERA CARE TIPS



1 Do not leave the camera in an excessively hot place; store it in a cool and dry place.



2 Clean all lens surfaces, including the autofocus window, with a soft, clean cloth.



3 Avoid taking pictures in the rain or in salt water spray.

Do not touch the lens cover as this may cause malfunction.

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4 Battery power weakens in extremely low temperatures; use a new battery and keep the camera warm. Sudden extreme temperature changes may cause internal condensation that could damage the camera.



5 If the camera malfunctions, take it to an authorized Nikon dealer or service center.

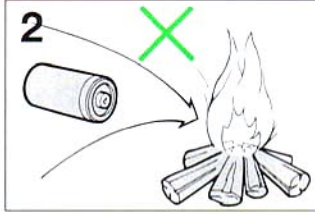


6 Store the camera in a cool, dry place, away from naphthalene or camphor (moth repellents).

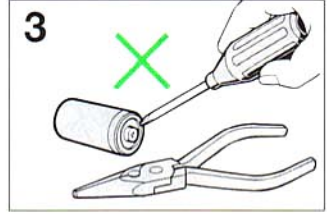
ABOUT BATTERIES



1
Keep batteries out of children's reach.
If swallowed, call a doctor immediately.



2
Never throw used batteries into a fire.

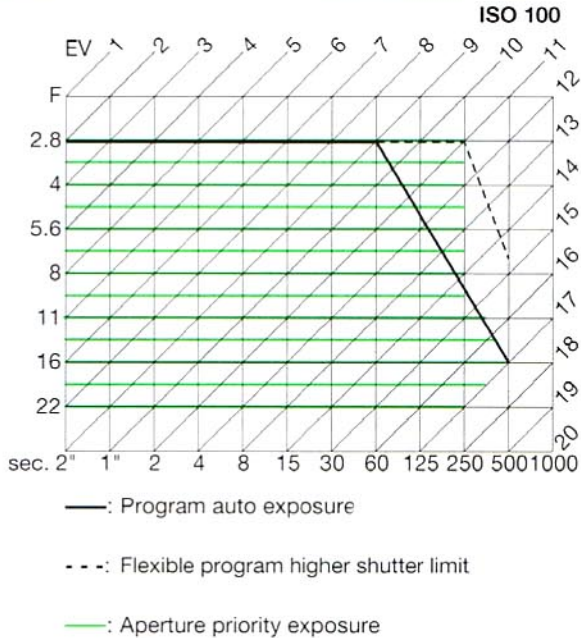


3
Never short-circuit, disassemble, heat or attempt to charge batteries.

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PROGRAM CHART

To check shutter speed and aperture values, follow the line to where it intersects the diagonal line.



SPECIFICATIONS

Type of camera	35mm autofocus lens-shutter camera with Nikkor 35mm f/2.8 lens	Film operation	Fully automatic loading, advance and rewind; film advances by one frame after each shot; mid-roll rewind button provided; auto rewind at end of film roll
Picture format	Normal: 24mm x 36mm Panorama: 13mm x 36mm (uses standard 35mm film)	Frame counter	Shown in analog display and LCD panel
Lens	35mm f/2.8; 6 elements in 4 groups	Focusing	Autofocus, Infinity Focus and Preset focus provided Infinity Focus locks focus at infinity
Lens cover	Automatically opens/closes with camera power on/off	Auto exposure range	EV 2 — EV 17 (at ISO 100)
Shooting distance	0.4m (1.3 ft.) — infinity	Exposure compensation	Within a range of ± 2 EV in 1/3 steps
Film speed setting	DX-coded ISO 25 — 5000 film automatically set; non-DX-coded films automatically set to ISO 100 regardless of actual ISO rating	Self-timer	Set by pressing self-timer/illuminator button and turning Command Dial, and activated by depressing shutter release button
Shutter	Programmed electronic and Aperture priority type		
Shutter speed	1/500 second to 2 sec. and long time exposure up to 10 minutes		
Viewfinder	Illuminated viewfinder; 0.5X magnification; frame coverage approx. 85%		

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Built-in flash	Four flash modes provided—Auto Flash, Flash with red-Eye Reduction, Flash Cancel and Anytime Flash; guide number 9 (ISO 100, in meters)	Data imprint functions	Year/Month/Day, Month/Day/Year, Day/Month/Year, Day/Hour/Minute and No Imprint display modes are selectable; 24 hour built-in clock with timing accuracy within ± 90 seconds a month at normal temperatures
Analog display	Indicates focus distance, infinity focus, aperture, frame counter, film rewind, self-timer, exposure time in long time exposure, exposure compensation	Battery life	Approx. 27 rolls of 24-exposure film or 18 rolls of 36-exposure film using flash 50% of the time (with DL123A battery)
LCD panel	Displays imprint data, frame counter, weak battery power	Power source	3V lithium battery (DL123A or CR123A type)
Viewfinder information	Displays shutter speed, flash-ready, exposure compensation	Dimensions	Approx. 118 x 66 x 36mm (W x H x D) or 4.7 x 2.6 x 1.4 inches
Custom function	Auto flash mode, exposure metering system, viewfinder LCD display, data imprint mode, panorama frame display and analog display reset can all be set with the custom function	Weight	Approx. 310g or 10.9 oz. (without battery)

Specifications apply when fresh batteries are used at normal temperature (20°C or 68°F)

Specifications and design are subject to change without notice.

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