

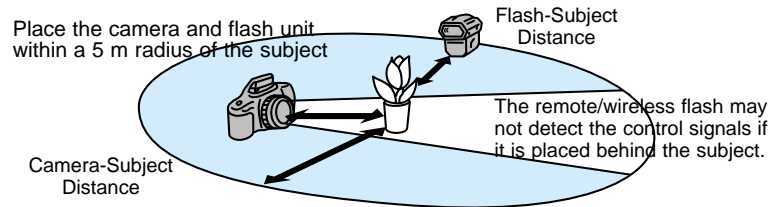
## WIRELESS/REMOTE FLASH

### Taking Pictures in Wireless/Remote Flash Mode

The accessory flash is controlled by a light signal from the built-in flash. Although the built-in flash fires, it does not add to the exposure, but simply controls the accessory flash. The position of the camera and flash is critical to control the lighting of the subject.

#### 1 Position your camera and flash unit using the information of this page.

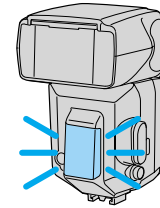
- The example below is with the 3600HS (D) flash unit. For other flash units, refer to the instruction manual for the correct camera to subject and flash to subject distances.
- Photograph in dark locations.



	Camera - subject distance	Flash - subject distance			
		Non HSS		HSS	
Shutter speed	All shutter speeds	1/45 or slower	1/45 or 1/125	1/180	1/1000
Aperture					
f/2.8	1.4 - 5m 4.6 - 16 ft.	1.4 - 5 m 4.6 - 16 ft.	1 - 5 m 3.3 - 16 ft.	1 - 4 m 3.3- 13 ft.	1 - 2 m 3.3 - 6.6 ft.
f/4	1 - 5m 3.3 - 16 ft.	1.35 - 5 m 4.4 - 16 ft.	1 - 5 m 3.3 - 16 ft.	1 - 3m 3.3- 9.9 ft..	1 - 1.5m 3.3 - 4.9 ft.
f/5.6	1 - 5m 3.3 - 16 ft.	1.25 - 5 m 4.1 - 16 ft.	1.35 - 5 m 4.4 - 16 ft.	1 - 2m 3.3 - 6.6 ft.	

- The distances in the above table assumes the use of ISO 100 film. If ISO 400 film is used, the distances must be multiplied by a factor of two with an upper limit not exceeding 5 m.

#### 2 Wait until both flash units are fully charged.



- appears in the viewfinder when the built-in flash is charged.
- When the wireless/remote flash is charged, on the rear of the flash is lit.
- Pressing the spot-AE lock button will test fire the accessory flash. If the accessory flash does not fire, change its position.
- To test fire the accessory flash, custom 10 should be set to 1 (p.112).

#### 3 Press the shutter-release button all the way down to take the picture.

### Wireless/Remote Ratio Flash

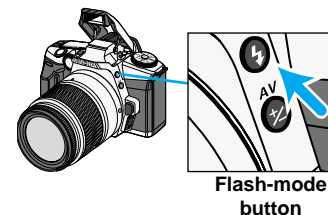
In this photo both the wireless/remote flash and camera's built-in flash illuminated the subject. The camera's flash acted as a fill light to control the depth of the shadows. With a lighting ratio of 2:1, a soft gradation between the high-lights and shadows were produced giving the subject a natural appearance.



Wireless ratio flash

- High-speed sync cannot be used in wireless/remote ratio flash.
- With wireless/remote ratio flash, the shutter speed will be set to slower than 1/45 second automatically.

#### Press the flash-mode button when taking the picture.

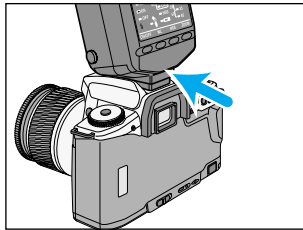


- Both flashes will fire when the shutter is release.
- A lighting ratio of 2:1 indicates the exposure from the main light (accessory flash) is twice as much as the exposure from the fill light (camera's flash).

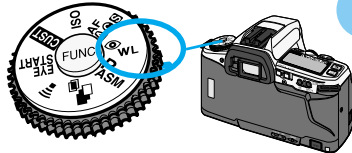
DETAILED OPERATION

## WIRELESS/REMOTE FLASH

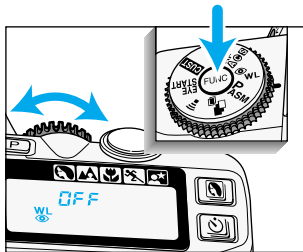
### Canceling Wireless/Remote Flash Mode



- 1 Attach the flash to the camera.
  - The camera and flash should be on.



- 2 Turn the function dial to WL.



- 3 While pressing the function button, turn the control dial until WL and OFF appear on the camera's data panel.

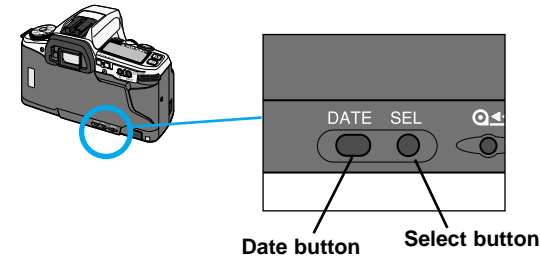
- 4 Detach the accessory flash.

- Turning off the main switch of the camera with the accessory flash attached also cancels wireless flash. If the flash is not attached, the flash's wireless/remote function will not be canceled. If this happens, see the flash's instruction manual to cancel the function.

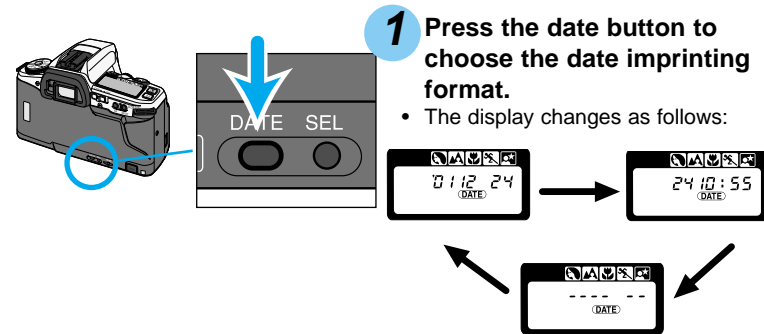
## FOR OWNERS OF THE QUARTZ DATE MODEL

The quartz-date function lets you record the date or time on the lower-left corner of the photograph. The quartz data back has an automatic calendar through the year 2039.

- Imprinted data may be difficult to read if the lower-left corner of the photograph is bright or non-uniform.
- Do not use the data back when temperatures are outside the range of 0° to 50°C (32° to 122°F).
- Since the date is recorded when the film is advanced to the next frame, sometimes the last frame of the roll will not have the date printed on it.



### Imprinting the Date or Time



- 1 Press the date button to choose the date imprinting format.

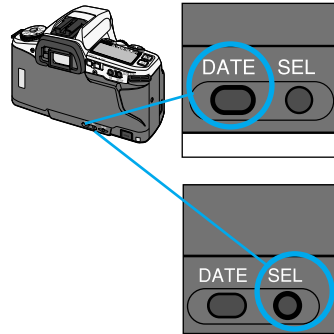
- The display changes as follows:

- 2 Press the shutter-release button to set the format.

DETAILED OPERATION

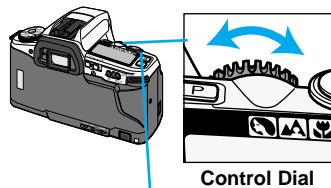
## FOR OWNERS OF THE QUARTZ DATE MODEL

### Setting the Date or Time



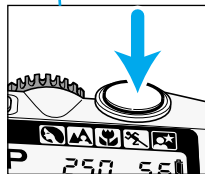
- 1** Press the date button.
- 2** Press the select button (SEL) to select the year, month, day, hour, or minute.
  - The item that can be changed will blink.
  - The data back has a 24-hour clock. 2pm should be set as 14:00.
  - The item will cycle as follows.

Year → Month → Day → Hour → Minute



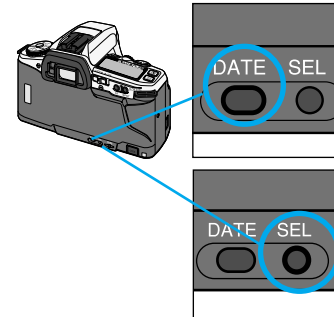
- 3** Turn the control dial to change the date and time values.
  - Data continues changing as long as the dial turns.

- 4** Repeat steps 2 and 3 until the date and time are displayed correctly.

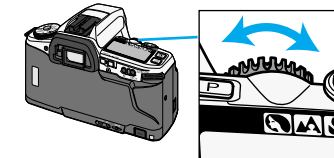


- 5** Press the shutter-release button to set the date and time.
  - The usual display will return.

### Changing the Date Format



- 1** Press the date button.
- 2** Press and hold the select button (SEL) for 3 seconds until the date on the data panel blinks.



- 3** Turn the control dial to change the format.
  - The format will change in the following sequence:



- 4** Press the shutter-release button to set the format.
  - The usual display will return.

- The quartz-date is powered by the camera's battery. When the battery is removed, the date settings will remain for about 5 minutes. After that time, the date will be reset to 2001.01.01 (January 1st.). When the new batteries are inserted, the audio signal will beep to indicate the date and time have been reset.
- When the date has not been set, the date settings blink on the data panel when the camera is turned on.

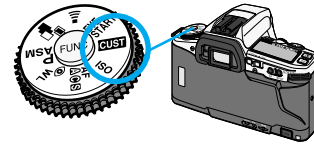
# CUSTOM FUNCTIONS

Function		Setting		
Cust 1	AF / Shutter-release Priority	1	AF Priority	108
		2	Shutter-release Priority	
Cust 2	Film Rewind Start	1	Automatic	108
		2	Manual	
Cust 3	Film Tip	1	Film Tip Rewound	109
		2	Film Tip Left Out	
Cust 4	DX Memory	1	DX Memory Off	109
		2	DX Memory On	
Cust 5	Shutter-release Lock (Film)	1	Shutter-release Lock Off	109
		2	Shutter-release Lock On	
Cust 6	Focus-hold Button (Lens)	1	Focus Hold	110
		2	Continuous Autofocus	
		3	Depth-of-Field Preview	
Cust 7	Eyepiece Sensor Activation	1	By main switch and grip sensor	110
		2	By main switch	
Cust 8	P Mode Settings	1	Normal P Mode	111
		2	PA Mode	
		3	Ps Mode	
Cust 9	Spot AF Lock Button	1	Select Spot Focus Area	111
		2	Select Focus Area	
		3	Switch Between the Wide Focus And Spot Focus	
Cust 10	Spot-AE Lock Button	1	Hold to Activate	112
		2	Press Once to Activate, Press Again to Cancel	
Cust 11	AF Illuminator (built-in flash)	1	AF Illuminator On	112
		2	AF Illuminator Off	
Cust 12	Flash Metering	1	ADI Flash Metering	113
		2	TTL Flash Metering	
Cust 13	AF Area Display	1	Displayed for 0.3 seconds	113
		2	Displayed for 0.6 seconds	
		3	Not Displayed	
Cust 14	Shutter-release Lock (Lens)	1	TTL Flash Metering	113
		2	TTL Flash Metering	

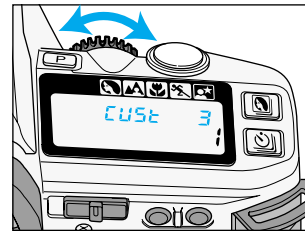
# CUSTOM FUNCTIONS

Using the custom functions, you can tailor camera settings to suit your shooting style or preferences. Initially all the custom functions are set to 1. The functions are explained on pages 108 - 113.

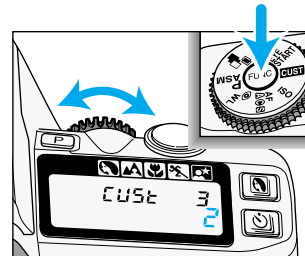
## Setting Custom Functions



**1** Turn the function dial to CUST.



**2** Turn the control dial to select the custom function number to be changed.



**3** While pressing the function button, turn the control dial to select the desired setting.

**4** Turn the function dial to any position other than CUST.

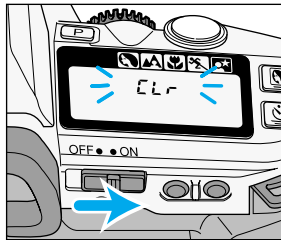
- If the function dial is set to CUST, the camera can take photographs, but all buttons and switches, except for the shutter-release button, are disabled.
- Custom settings must be reset manually, and are not effected by the program-reset button or by turning the camera off.

## CUSTOM FUNCTIONS

### Resetting All of the Custom Functions to Default

You can reset all of the custom functions to their default settings (1).

- 1** Turn the main switch to OFF.
- 2** Turn the function dial to CUST.
- 3** While pressing the function button, slide the main switch from OFF to ON.
  - When the camera turns on,  $\text{ELr}$  will blink on the data panel while the function button is pressed.



### Custom 1 - AF / Shutter-release Priority

#### (1) AF priority

Shutter will not release until ● or ● appears in the viewfinder.

#### (2) Shutter-release Priority

Shutter releases even if the focus cannot be confirmed. Use shutter-release priority when photographing moving subjects.

- When continuous-advance mode is selected, the camera will not update the focus while the shutter-release button is pressed.

### Custom 2 - Film Rewind Start

#### (1) Automatic

Film is automatically rewound at the end of the roll.

#### (2) Manual

The manual-rewind button must be pressed to initiate rewind (p. 29).

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### Custom 3 - Film Tip

#### (1) Film Tip Rewound

Film is completely rewound into the cartridge.

#### (2) Film Tip Left Out

The film leader is exposed after rewind.

- Sliding the main switch to OFF during rewinding causes the film tip to be rewound into the cartridge when the camera is turned on again.



### Custom 4 - DX Memory

#### (1) DX Memory Off

Film speed is always set to the DX-coded ISO of the film. Non-DX-coded film is set to the ISO of the previous DX-coded roll.

#### (2) DX Memory On

Manual changes to the film speed of a DX-coded film are saved and applied to future rolls with the same DX-coded ISO. Use when a particular film is consistently pushed or pulled in its processing.

- For setting the film speed manually, see page 86.

### Custom 5 - Shutter-release Lock (Film)

#### (1) Shutter-release Lock Off

Shutter can be released even if there is no film in the camera.

#### (2) Shutter-release Lock On

Shutter cannot be released unless film is loaded.

- When film is not loaded, if the shutter-release button is pressed all the way down, 0 will blink in the viewfinder and on the data panel.
- While the back cover is open, the shutter can be released.

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## CUSTOM FUNCTIONS

### Custom 6 - Focus-hold Button (Lens)

This custom function changes the operation of a lens with a focus-hold button.

#### (1) Focus Hold

Pressing the focus-hold button on the lens locks the autofocus.

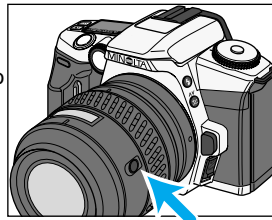
#### (2) Continuous Autofocus

Press and hold the focus-hold button on the lens to activate the continuous-autofocus mode.

#### (3) Depth-of-Field Preview

Depth-of-field preview is activated when the focus-hold button is pressed and held.

- When not using a D series lens, the shutter-release button must be pressed partway down while pressing the focus-hold button to preview the depth-of-field.



Focus-hold button

### Custom 7 - Eyepiece Sensor Activation

When an object is detected near the viewfinder, the camera's system are activated to set the focus and exposure as you frame your subject.

- Eye-start switch must be on (p.27).

#### (1) By main switch and grip sensor

Eyepiece sensor is activated with the grip sensor.

#### (2) By main switch

Eyepiece sensor is activated when the camera is turned on. Use this setting when the grip sensor cannot be activated because the user is wearing gloves or their hands cannot activate the sensor.

- With the grip sensor off, the camera will always be on. To conserve battery power, turn the camera off with the main switch.

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### Custom 8 - P Mode Settings

#### (1) Normal P Mode (p. 64)

You cannot shift the shutter speed or aperture in P mode.

- Flash will fire automatically when it's necessary.

#### (2) PA Mode (p. 64)

The aperture can be shifted in PA mode. The shutter speed will automatically compensate to provide a correct exposure.

- The flash mode will be set to flash cancel.
- To use fill flash, press the flash mode button to pop-up the built-in flash. PA mode will be canceled while the flash is being used, but it is reset when the flash is lowered.

#### (3) Ps Mode (p. 65)

The shutter speed can be shifted in P mode. The aperture will automatically compensate to provide a correct exposure.

- The flash mode will be set to flash cancel.
- To use fill flash, press the flash mode button to pop-up the built-in flash. PS mode will be canceled while the flash is being used, but it is reset when the flash is lowered.

### Custom 9 - Spot AF Lock button

This custom function changes the operation of the spot AF button.

#### (1) Select spot focus area

While pressing the spot AF button, the spot focus area is activated. Local focus areas are selected with the control dial while pressing the spot AF button. When the spot AF button is released, the wide focus area is active.

#### (2) Select focus area.

Wide focus area and local focus areas set with the control dial while pressing the spot AF button. The focus area remains selected even after releasing the spot AF button.

#### (3) Switch between the wide focus frame and the spot focus area.

Every time the spot AF button is pressed, the camera switches between the spot focus area and wide focus frame. The following displays appears on the data panel and in the viewfinder.



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## CUSTOM FUNCTIONS

### Custom 10 - Spot-AE Lock Button

This custom function changes the operation of spot-AE lock button.


- When the built-in flash is up or an attached accessory flash is on and the spot-AE lock button is pressed, slow sync will be activated (p. 96).

#### (1) Hold to activate

The spot metering area is active until the spot-AE lock button is released.

#### (2) Press once to activate, press again to cancel.

The spot metering area is activated when the spot-AE lock button is pressed and canceled when the button is pressed again.

- When the spot metering area is active, pressing the program-reset button, turning the camera off, or changing the position of the built-in flash cancels the metering area.
-  will appear in the viewfinder when the spot metering area is active.

### Custom 11 - AF Illuminator (Built-in flash)

#### (1) AF Illuminator On

The built-in flash is used as an AF illuminator and will fire when necessary to assist the autofocus system.

- The AF illuminator does not fire when flash cancel is selected.

#### (2) AF Illuminator Off

The AF illuminator function is canceled. Other flash functions will operate normally.

- An attached accessory flash's AF illuminator will not be cancelled.

### Custom 12 - Flash Metering

Your camera uses ADI flash metering as the standard flash metering mode, but it can be changed.

- This applies to both the built-in and accessory flash.

#### (1) ADI Flash Metering

When the flash fires, ADI or pre-flash metering will be employed.

- Flash metering changes according to the flash unit and lens being used.

#### (2) TTL Flash Metering

When the flash fires, TTL metering will be employed.

- To use flash or color meters, flash diffusers, or neutral density filters, the flash mode must be set to TTL metering.

### Custom 13 - AF Area Display

#### (1) Displayed for 0.3 seconds

Focus area LEDs display the active local focus area for 0.3 sec when the focus is confirmed.

#### (2) Displayed for 0.6 seconds

Focus area LEDs display the active local focus area for 0.6 sec when the focus is confirmed.

#### (3) Not displayed

Active local focus area is not displayed when the focus is confirmed.

- The local focus areas will be displayed for 0.6 seconds when selected with control dial and the spot AF button (p. 70).

### Custom 14 - Shutter-release Lock (Lens)

#### (1) Shutter cannot be released if a lens is not attached.

- [ - - ] appears on the data panel when the shutter button is pressed partway down.

#### (2) Shutter can be released if a lens is not attached.

- Use when mounting the camera to a non-coupling lens mount (telescope, microscope, etc).

# APPENDIX

## PROGRAM-RESET BUTTON

Press the program-reset button to return the following camera functions to their program settings.

	SETTING
Exposure mode	P
Autofocus mode	Autofocus
Focus area	Wide focus frame
Flash mode	Autoflash*
Exposure Compensation	0.0
Drive Mode	Single Frame Advance
Continuous Advance	Canceled
Self-timer	Canceled
Wireless/Remote Control	Canceled
Wireless/Remote Flash	Canceled
Bracketing	Canceled
Multiple Exposure	Canceled
Subject Program Select	Canceled

\*With the custom function set to 8-2 or 8-3, PA or Ps mode will not be reset. The flash mode will be set to flash cancel or fill flash.

**Following settings will not change;**

- The date and time settings
- Red-eye reduction
- ISO
- Custom settings
- Eye-start
- Audio Signal



## ACCESSORY INFORMATION

This camera is designed to work specifically with lenses and accessories manufactured and distributed by Minolta. Using incompatible accessories with this camera may result in unsatisfactory performance or damage to the camera and its accessories.

### Lenses

- All Minolta AF lenses can be used with this camera.
- MD and MC series lenses (manual focus) cannot be used with this camera.

### Lens Specifications

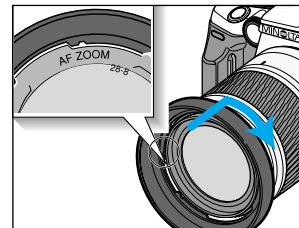
	AF 28-80mm f/3.5-5.6(D)	AF 75-300mm f/4.5-5.6(D)
Construction:	8 elements/7 groups	13 elements/10 groups
Angle of View:	75° – 30°	32° – 8°10'
Min. Focus Distance:	0.4m (1.2ft.)	1.5m (4.9ft.)
Max. Magnification:	0.24X	0.25X
Min. Aperture:	f/22–38	f/32–38
Filter Diameter:	55mm	55mm
Dimensions:	63 (dia.) x 68 (L) mm	63 (dia.) x 68 (L) mm
Weight:	190g (6.7oz)	190g (6.7oz)

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

### Lens Hood

Flare is non-image forming light that degrades image quality. A lens hood improves image quality by reducing flare.

- Remove the lens hood before using the camera's built-in flash.



Fit the lens hood into the mount at the end of the lens barrel, then turn the hood clockwise until it clicks.

- To store the hood, reverse it, attach it to the lens as described above, then replace the lens cap.

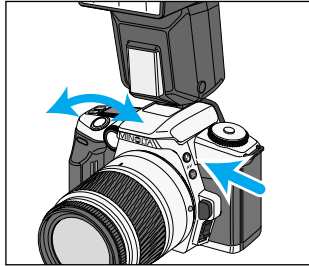
### Accessory Flashes

When using an accessory flash, the flash mode can be selected using the camera or the flash.

- All Minolta i, si, and HS, HS(D) series flash units, the Macro Twin Flash 2400, the Macro Ring Flash 1200, and the Vectis SF-1 flash are compatible with this camera.
- The Flash Shoe Adapter FS-1100 is required to mount AF series flash units (4000AF, 2800AF, 1800AF, and Macro flash 1200AF).
- When the FS-1100 is used:
  - The flash will fire every time the shutter is released.
  - The AF illuminator will not activate.
  - The built-in flash is set to fill flash when the accessory flash is removed.
- X-series flashes and flashes sold by other manufacturers cannot be used with this camera.

## ACCESSORY INFORMATION

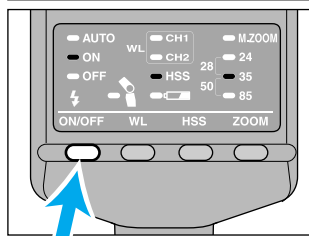
### Accessory Flash Control



#### Setting the flash mode with the camera

While pressing the flash-mode button, turn the control dial to select the desired flash mode.

- The camera sets the flash mode on the accessory flash immediately.



3600HS(D)

#### Setting the flash mode with the flash

With the flash off, attach it to the accessory shoe. Turn the flash on. The current flash mode on the accessory flash will be set in the camera when the shutter-release button is pressed partway down.

- The camera will display the corresponding flash mode icon on the data panel.
- The viewfinder's flash signal are used with the accessory flash.

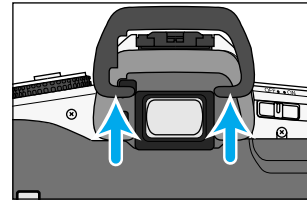
- Red-eye reduction cannot be used with accessory flashes.
- In P mode and subject-program modes, only autoflash or flash cancel can be set. To use fill flash, the flash mode must be set using the camera.
- In A, S, and M mode, only fill flash or flash cancel can be set.

### AA Battery Pack BP-200

Designed for the Dynax/Maxxum 5, four AA alkaline or Ni-MH batteries can be used to power the camera. Available from the fall of 2001.

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### Angle Finder<sub>V</sub>N/Magnifier<sub>V</sub>N



#### Remove the eyepiece cup when attaching a finder accessory.

- Push up to remove the eyepiece cup.
- Turn eye-start off when using an Angle Finder or Magnifier.

### Eyepiece Corrector 1000

For eyeglass wearers, an Eyepiece Corrector 1000 can be attached to the viewfinder. Nine correction lenses are available from - 4 to + 3 diopters.

### Incompatible Accessories

The following accessories are not compatible with this camera.

- Control Grip CG-1000
- Data Receiver DR-1000
- Wireless Controller IR-1N
- Vertical Control Grip VC-7
- Data Saver DS-100
- Wireless/Remote Flash Controller

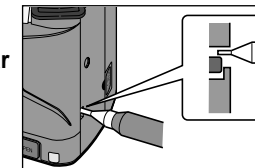
- The camera can be permanently damage if the Wireless Controller IR-1N is used.
- The information in this manual is relevant for products introduced before June 2001. Contact the nearest authorized Minolta Service Facility to obtain information for products released after this date.

## TROUBLE SHOOTING

Contact your nearest Minolta Service Facility if the following information does not cover the problem which you are experiencing or the condition continues.

Problem	Cause	Solution	Page
Autofocus does not work when the shutter-release button is pressed partway down.	Situation is unsuitable for autofocus.	Use focus lock or manual focus.	34/ 75
	Camera is set to manual focus mode.	Hold the focus-mode switch down.	75
	Subject is too close.	Check the minimum focus distance for your lens.	—
Shutter cannot be released.	Focus cannot be confirmed.	Use focus lock or manual focus.	34/ 75
	Camera is attached to a microscope or telescope and custom function 14-1 is set.	Set custom 14 to setting 2.	113
	Custom function is set to 5-2 (shutter-release lock (Film)).	Set custom 5 to setting 1.	109
Flash fires when the shutter-release button is pressed partway down.	Flash was used as AF illuminator to assist the autofocus system.	To turn off the AF illuminator, set the flash mode to flash cancel or custom 11 to setting 2	112
Picture is blurred.	Flash did not fire in a low-light situation and the shutter speed was slow.	Use fill flash, a tripod, or faster film.	—

Problem	Cause	Solution	Page
Flash picture is too dark.	Subject is beyond flash range.	Make sure the subject is within the flash range.	36
When using the built-in flash, the bottom of the picture is dark.	Lens hood was attached or subject distance was less than 1m.	Remove the lens hood. To prevent lens shadowing, the subject must be at least 1m (3.3ft.) from the camera.	—
Err appears on the data panel.	Camera malfunction	Remove and reinstall the batteries. If normal camera operation does not resume or the camera malfunctions repeatedly, contact an authorised Minolta Service Facility.	—
After the film rewinds, the back cover can not be opened.	<p>This camera has a safety-lock feature and the back-cover cannot be opened if film is loaded. In case the back cannot be opened, following these steps.</p> <ul style="list-style-type: none"> <li>Remove the film in a dark place or under a thick blanket. After removing the film, contact an authorized Minolta Service Facility to repair your camera.</li> </ul> <ol style="list-style-type: none"> <li>Turn the main switch to OFF.</li> <li>Turn the function dial to ISO.</li> <li>While pressing the function dial and spot-AE lock button, turn the main switch to ON. The film-chamber-lock indicator should turn black. The back cover can now be opened.</li> </ol> <p>If the back cover did not open,</p> <ol style="list-style-type: none"> <li>Find the lever located near the film-chamber release.</li> <li>Slide the lever down to open the cover.</li> </ol>		—



## CARE AND STRAGE

### Operating Temperature and Conditions

- This camera is designed for use from -20° to 50°C (4 to 122 °F).
- Never leave your camera where it may be subjected to extreme temperatures such as in the glove compartment of a car.
- The data panel response time will be slow at cold temperatures. The display will temporarily darken at high temperatures, but will be restored when the temperature normalizes.
- This camera is not waterproof or splashproof. When using the camera in the rain, protect the camera and lens.
- Never subject the camera to extreme humidity.
- To prevent condensation from forming, place the camera in a sealed plastic bag when bringing it from cold environment to a warm environment. Allow it to come to room temperature before removing it from the bag.
- The low-battery symbol may appear even with fresh batteries depending on the storage conditions. To restore camera power, repeat turning the camera on and off.
- Battery capacity decreases at colder temperatures. Keep your camera and spare batteries in a warm inside pocket when shooting in cold weather. Batteries will regain some of their capacity when warmed to normal operating temperature.

### Before Important Events

- Check the camera's operation carefully, or take test photographs.
- Minolta is not responsible for any loss that may occur due to an equipment malfunction.

### Cleaning

- If the camera or lens barrel is dirty, wipe it gently with a soft, clean, dry cloth. If the camera or lens comes in contact with sand, gently blow away loose particles - wiping may scratch the surface.
- To clean the lens surface, first brush away any dust or sand then, if necessary, moisten a lens tissue with lens cleaning fluid and gently wipe the lens in a circular motion, starting from the center.
- Never place lens fluid directly on the lens.
- Never touch the interior of the camera, especially the shutter and mirror, doing so may impair their alignment and movement.
- Dust on the mirror will not affect the exposure but may affect the focus. Use a blower brush to remove dust from or around the mirror.
- Never use compressed air to clean the camera's interior, it may cause damage to sensitive interior parts.
- Never use organic solvents to clean the camera.
- Never touch the lens surface with your fingers.

### Storage

When storing your camera for extended periods,

- Always attach the protective caps.
- Store in a cool, dry, and well-ventilated area away from dust and chemicals such as moth balls. For long periods, place the camera in an airtight container with a silica gel drying agent.
- Periodically release the camera's shutter to keep it operating properly.
- Before using after prolonged storage, check the camera's operation to make sure it is functioning properly.

### Questions and Service

- If you have questions about your camera, contact your local camera dealer or write to the Minolta distributor in your area.
- Before shipping your camera for repair, please contact an authorized Minolta Service Facility for details.

## SPECIFICATIONS

<b>Camera Type:</b>	35mm SLR with built-in flash, autoexposure (AE), and action predictive autofocus (AF)
<b>Lens Mount:</b>	Minolta A-type bayonet mount
<b>Viewfinder:</b>	SLR roof mirror type, 90% field of view, Magnification: 0.75X
<b>Shutter Type:</b>	Electronically-controlled, vertical-traverse, focal-plane type
<b>Speeds:</b>	30 sec. - 1/4000 sec., bulb
<b>Flash sync speed:</b>	1/125s or slower (synchronizes with all speeds in HSS mode).
<b>Focus Type:</b>	TTL phase-detection system, multi metering with cross hair type CCD line sensor metering cell. Autofocus and manual focus modes.
<b>AF Sensitivity Range:</b>	EV -1 to18 (ISO 100)
<b>AF Illuminator:</b>	Built-in with range of 1.0 - 5.0m. Automatically activated in low-light/ low-contrast situations.
<b>AF Control:</b>	Single-shot, continuous, automatic AF-mode selection.
<b>Exposure Modes:</b>	P, A, S, M,(PA/PS available) and 5 Subject Program modes (Portrait, Landscape, Close-up, Sports, Night Portrait)
<b>Type:</b>	TTL metering; direct TTL metering for flash
<b>Metering Cell:</b>	14-segment honeycomb pattern SPC for ambient light and 4-segment flash-metering SPC for flash.
<b>Metering Range:</b>	14-segment honeycomb pattern metering: EV 1 - 20, Spot metering: EV 4 - 20 (ISO 100, f/1.4 lens)
<b>Film-speed Setting:</b>	Automatic: ISO 25 to 5000 for DX-coded film. Manual: ISO 6 to 6400 in 1/3 EV increments. Flash: ISO 25 - 1000.
<b>Film Transport Loading:</b>	Auto load
<b>Drive Modes:</b>	Single frame, continuous advance (3 frames/sec.), self-timer, exposure bracketing, and multiple exposure.

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<b>Rewind:</b>	Auto rewind, manual start (Count-down display)
<b>Frame counter:</b>	Forward (shows number of exposures taken)

<b>Built-in Flash GN:</b>	12 (ISO 100 in meters)
<b>Coverage:</b>	28mm angle of view

<b>Additional Power:</b>	Two CR2 lithium batteries
<b>Battery Performance:</b>	

Flash Use (%)	Condition A		Condition B	
	20 °C	-10 °C	20 °C	-10 °C
0	30 rolls	24 rolls	45 rolls	35 rolls
50	14 rolls	11 rolls	18 rolls	14 rolls
100	9 rolls	7 rolls	11 rolls	9 rolls

- \* 24 exposure rolls
- Condition A: Lens(28-80 f/3.5-5.6) focused from infinity to 2m three times and the shutter-release button held partway down for ten seconds before each exposure.
- Condition B: Lens(28-80 f/3.5-5.6) focused from infinity to 2m and the shutter-release button held partway down for five seconds before each exposure.
- Battery performance will vary with usage conditions.
  - Exposures taken at a rate of 2 rolls/month.

**Dimensions (WxHxD):** 127.0 x 87.0 x 60.5mm (WxHxD)

**Weight :** 335g (w/o camera battery)

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

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