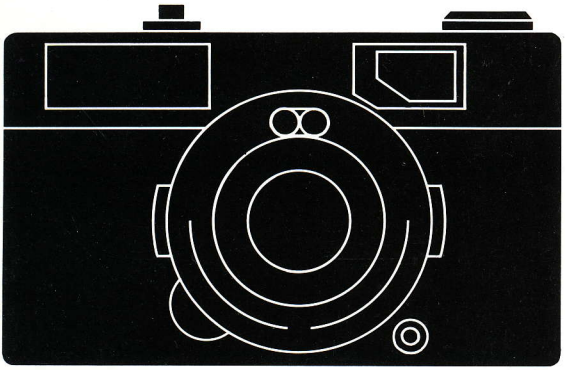
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MINOLTA HI-MATIC 5



OWNER'S MANUAL

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WELCOME TO THE MINOLTA FAMILY OF FINE CAMERAS

Your new Minolta Hi-matic 5 will give you maximum operating speed and outstanding ease of operation. And your pictures will have the sharpness and fidelity that you'd normally expect only from cameras costing many times more.

You get high-quality, full-frame 35mm pictures with maximum camera compactness, thanks to miniaturized body design that features a smart all-black finish.

The sensitive CdS electric-eye system sets exposure for you automatically. 4-symbol zone system makes focusing simple.

Even flash pictures are automatic and effortless because your camera's easy-flash system sets everything for you.

Please take a few minutes to read this instruction manual through carefully for longest service life and best results with your new Hi-matic 5.

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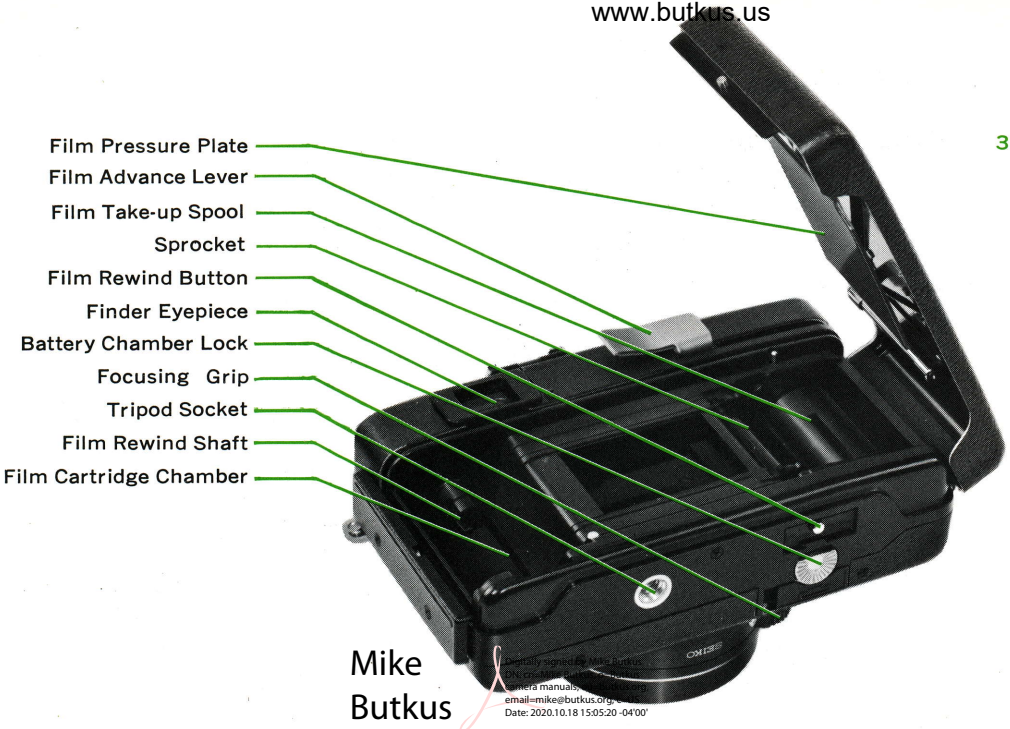
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NAMES OF PARTS



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Mike Butkus
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DN: cn=Mike Butkus, o=Butkus.org, ou=Camera manuals, email=mike@butkus.org, c=US
Date: 2020.10.18 15:05:20 -04'00'

SPECIFICATIONS

Type:	Compact 35mm electric-eye camera
Lens:	Rokkor 40mm F2.7, 3 elements in 3 groups Filter and lens shade mount: 49mm, screw-in type
Shutter:	SEIKO shutter with speeds of 1/250 sec. (at the sun symbol ☼) and 1/30 sec. (at the cloud symbol ☁)
Easy-flash system:	X-synchronization at 1/30 sec., aperture automatically controlled by focusing after setting guide number
EE system:	Automatic diaphragm control by CdS exposure meter coupled to shutter and film speed settings Measuring range: EV 7.9 (1/30 sec. F2.7) to EV17 (1/250 sec. F22) at ASA 100 Film speed range: ASA 25 to 400, DIN 15 to 27 Mercury battery: 1.35v button-shape, Mallory PX-675, Eveready EXP-675 or equivalent
Focusing:	Easy focusing with four zone symbols or distance scale, down to 0.9m (3 ft.)
Viewfinder:	Bright-frame viewfinder with parallax-correction guide marks F-number scale and over- and underexposure warning zone visible in finder
Film advance:	Lever type with single 140° stroke Frame counter: Automatic resetting type showing number of exposed frames Film and frame size: Standard 35mm film; 12, 20, or 36 exposures, 36×24mm
Size and Weight:	Height: 71mm (2¾ in.), Width: 122mm (4¾ in.), Depth: 55mm (2⅛ in.); 370g (13 oz.)

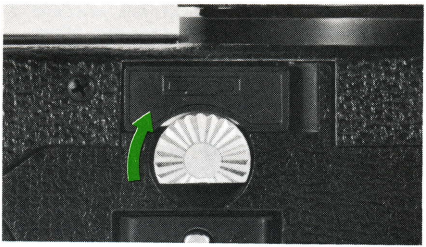
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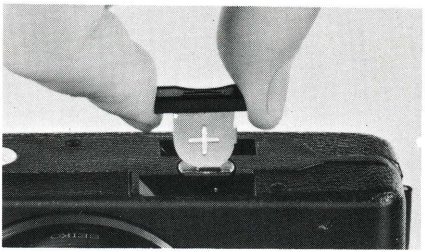
BEFORE TAKING PICTURES

Inserting Mercury Battery

The automatic exposure system of the Minolta Hi-matic 5 is powered by a long-life mercury battery which must be properly seated in the battery chamber before the camera will operate:

1. Turn the battery chamber lock clockwise until it stops. Then lift the battery holder out as shown.
2. Insert a mercury battery into the holder as shown. Make sure the plus (+) side is facing cut-out plus (+) mark in the holder. Then replace the holder and turn the lock counterclockwise until it stops.

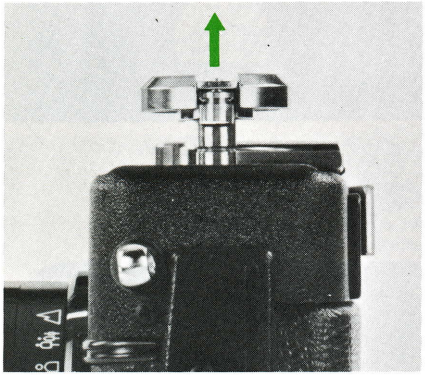




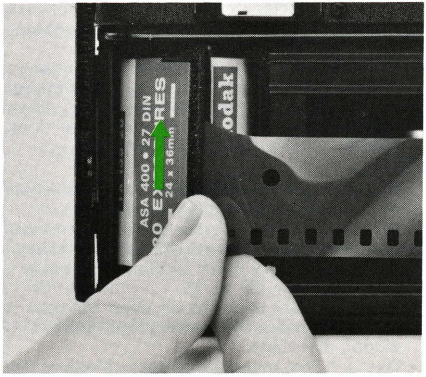
CAUTION:

- Be sure that the plus (+) and minus (−) sides of the battery are not reversed.
- Be sure not to touch the battery terminals with the fingers. Before inserting, always use a rough, dry cloth to clean the battery terminals.
- If the camera is not to be used for over a month, remove the battery and store it in a cool, dry place.
- Use a 1.35v mercury battery, Mallory PX-675, Eveready EPX-675 or equivalent.

1. Pull the film rewind crank out until the back cover pops open.

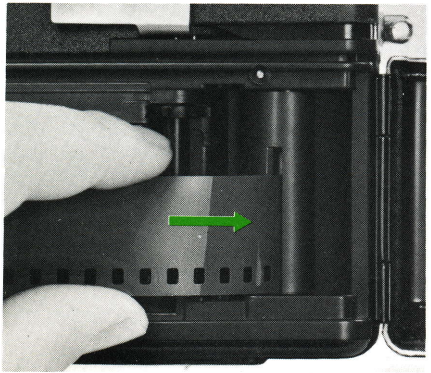


2. Pulling out on the film rewind crank, place the film cartridge into the film cartridge chamber.

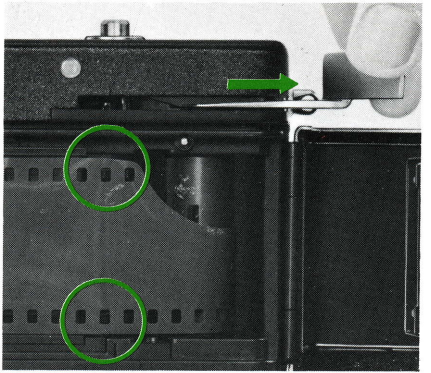


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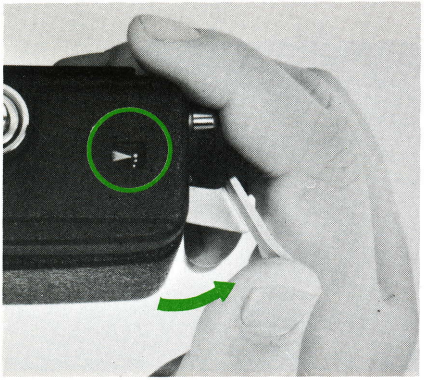
3. Insert the film leader about 1 cm (1/2 in.) into one of the slots in the take-up spool. Be sure that a film perforation is engaged with the tooth of the slot.



4. Operate the film advance lever slowly, while pressing film gently against the sprocket, until the perforations on both edges of the film are engaged with the sprocket teeth. Then close the back cover. It should lock with a click.



5. The pointer in the frame counter window should be pointing to the first large red dot on the scale. Operate the film advance lever until it stops and press the shutter release button. Repeat this action until the number "1" appears opposite the pointer.



CAUTION:

- Operate the film advance lever with one full stroke.
- Do not release shutter unless the film advance lever is in its rest position most nearly parallel with the camera back.
- Be sure to load or unload the film in subdued light.

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Setting Film Speed (ASA/DIN Number)

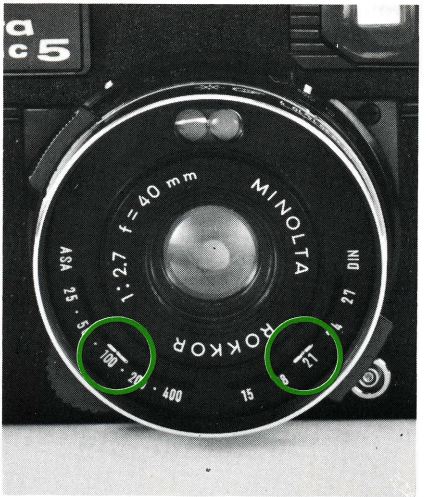
Move the film speed setting lever on front of lens barrel to the appropriate film speed value.

ASA and DIN scales are indicated as follows:

ASA 400 · 200 · 100 · 50 · 25
DIN 27 · 24 · 21 · 18 · 15

NOTE:

- The dots (·) denote ASA 320, 160, 80 and 40; DIN 26, 23, 20 and 17, respectively.



TAKING PICTURES

I. Automatic Photography

1. Setting Shutter Speed

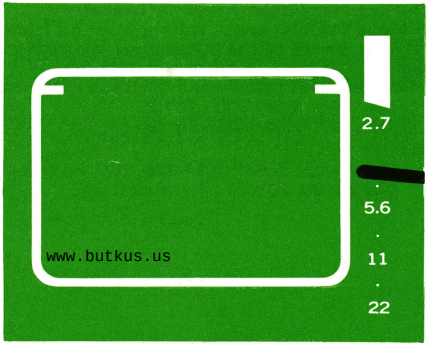
The Minolta Hi-matic 5 is equipped with a highly accurate electric-eye system. Once the shutter speed is set by aligning the index with the appropriate symbol on the barrel, you need only focus and press the shutter release.

1. For ordinary outdoor photography in good weather, it is recommended to align the index with the sun symbol (☼) to set a shutter speed of 1/250 sec.
2. In dim light or rainy weather, use the cloud symbol (☁) for 1/30 sec.

After setting shutter speed, look through the viewfinder and press the shutter release part way down. If indicator needle remains in the upper warning zone, picture will be over- or underexposed, and exposure should be adjusted.

CAUTION:

- When the shutter is set at the cloud symbol (☁) be sure to hold the camera steady and release the shutter with a slow, steady squeeze to avoid camera movement.



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2. Focusing

Focusing your camera is very easy. Simply turn the focusing ring to align the proper zone focus symbol with the index.

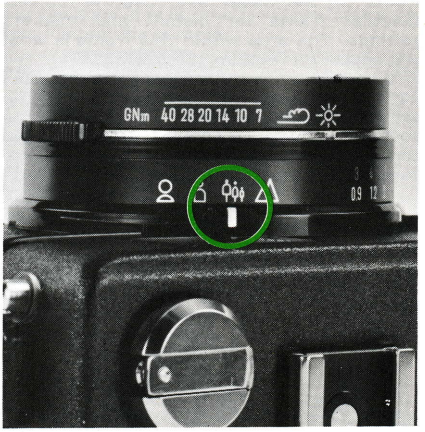
Symbol: Distant setting
This is for taking pictures of general scenes and for far-away views.

Symbol: Medium distance
Use this setting when you can sight a full standing figure with only a small, clear area at the top and bottom of the viewfinder, i.e., at about 3m (10 ft.) from your subject.

Symbol: Portrait
Your subject should be at a distance of 1.5m (4 ft.) and should fill the viewfinder frame from about the waist up.

Symbol: Close-up
Use this symbol for closer views with your subject about 1m (3.3 ft.) away.

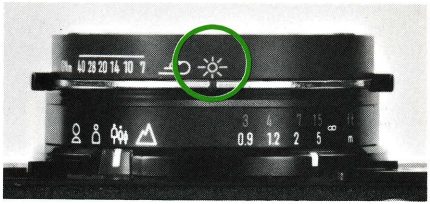
This will generally yield a head-and-shoulders view of an adult subject.

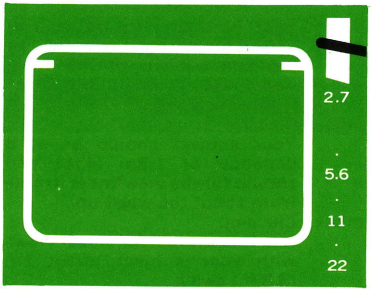


3. Composing Your Picture

When viewing your subject through the camera's viewfinder, you can see a "bright frame" in the visual field. Use the full rectangular frame for distant and medium settings. The area within this frame is what will appear on the film.

To correct for the slight difference in viewing angle between the viewfinder and the camera's taking lens, frame pictures at the portrait and close-up settings within the two parallax-correction guide marks near the top corners of the bright frame.

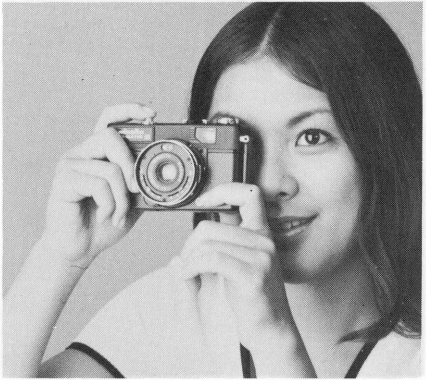




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4. Holding the Camera

It is very important to hold camera and release shutter properly. If it is not held right and moves when the shutter is released, you will not get clear pictures. The camera may be held horizontally or vertically, but should be held with both hands. Press the camera firmly to your face with your hands or arm steadied against your body, then push the shutter release with a slow, gentle motion. It may be good idea to practice these basics before loading the camera.





II. Flash Photography

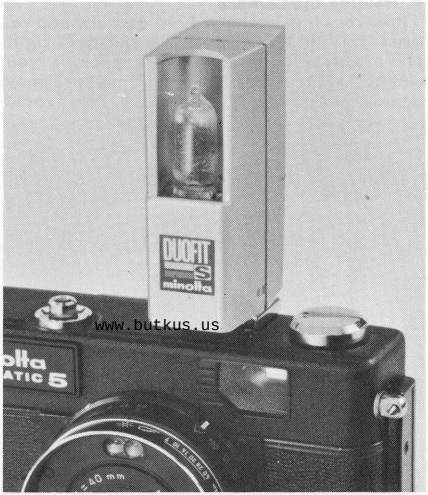
1. Attaching Flash Unit

The Minolta Hi-matic 5 is equipped with a cordless flash contact which can also be used with standard guns having cords. When using the Minolta Duofit-S flashgun or other flash unit which has a cordless sync. connection, all you do is slide the unit into camera's accessory shoe.

If you use a flash unit which has sync. cord, be sure to connect the plug of the flash cord with the sync. terminal of the camera.

NOTE:

- Be sure not to insert a bulb into the flash unit until it has been properly attached to the camera.



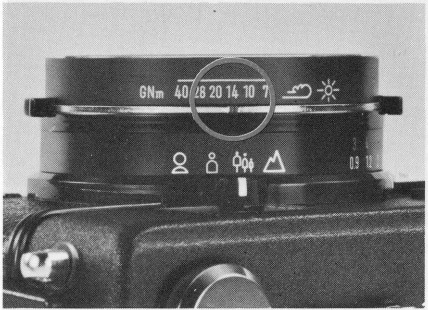
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2. Setting Guide Number

Set the index to the guide number by turning index ring. Use the guide number which is shown on the flash bulb package, flash unit or its instructions.

NOTE:

- Shutter speed is 1/30 sec. for flash.
- Intermediate guide numbers can be set between click stops.



3. Taking Flash Pictures

Even with flash, simply focus, compose, and release the shutter. Proper aperture for flash photography is automatically set by the easy-flash (flashmatic) system. The easy-flash working range for proper exposure is shown by the flash chart on the back cover of the camera and below.

EASY ϟ FLASH WORKING RANGE

GN m		GN ft	
7	0.9 — 2.5	22	3 — 8
10	0.9 — 3.7	32	3 — 12
14	0.9 — 5	45	3 — 17
20	0.9 — 7.4	65	3 — 24
28	1.3 — 10	90	4 — 33
40	1.8 — 10	130	6 — 33

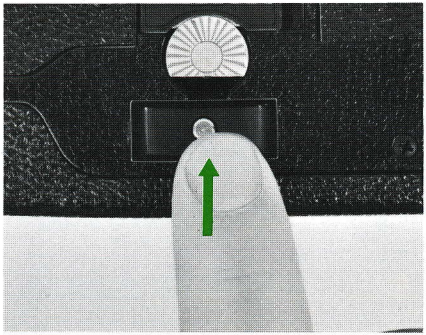
MINOLTA CAMERA CO.,LTD. JAPAN

NOTE:

- When using the Minolta Duofit Flashgun or Minolta Electroflash, select a guide number from the table of the flash unit.
- When using other flashguns, check their guide number table or instructions.
- The guide numbers shown on flash bulb packages are based on use of bulbs in highly polished reflectors. If these guide numbers are used with dull or satin-finish reflectors, exposure should be adjusted accordingly.

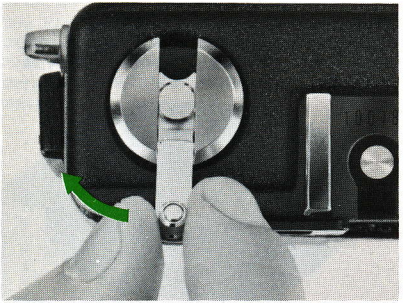
UNLOADING EXPOSED FILM

1. To unload the film, depress the film rewind button on the bottom of the camera.

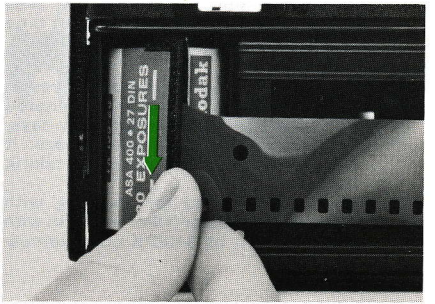


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2. Lift the film rewind crank and turn it clockwise. This will rewind the exposed film back into its cartridge. When the film is nearly rewound, you will feel a slight resistance. This means that the film leader is leaving the spool. Continue winding the crank a few more turns until all the film is rewound.



3. When you are sure the film is completely rewound, pull out on the rewind crank to open the camera back and remove the film cartridge.



OPTIONAL ACCESSORIES

Minolta Filters

For Black-and-White Film

UV: This filter absorbs excessive ultraviolet rays when shooting mountain, snow, sea, and other distant scenes. It may be kept attached to protect the lens.

Yellow: This filter renders red and yellow subjects lighter than the eye sees them. It is often used to darken blue skies and emphasize white clouds.

For Color Film

1A: Use this filter to improve bluish rendition of subjects in shade illuminated by blue sky, on overcast or rainy days, or obscured by atmospheric haze. It can also be used to protect the taking lens.

80B: This filter is used for shooting with daylight-type color film indoors with artificial light of 3400°K color temperature.

For All Film

ND X4: This neutral density filter is used to adjust the amount of exposure. It is especially useful when there is a possibility of overexposure (for example, when shooting summer beach or brilliant snow scenes, particularly with fast films).

Minolta Lens Shade

The lens shade prevents bright, direct side light from striking the lens and is recommended for all outdoor photography.



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Minolta Electroflash-2

Designed with your Hi-matic 5 in mind, this compact, efficient electronic flash unit features:

- Cordless, hot-shoe convenience
- Pulsating "flash-ready" monitor lamp visible in Hi-matic 5 viewfinder
- Consant light output throughout life of batteries

This Electroflash-2 can also be used with any camera having a cordless hot shoe, and its flash-ready lamp can also be seen in viewfinders of the Minolta Hi-matic E and other cameras.



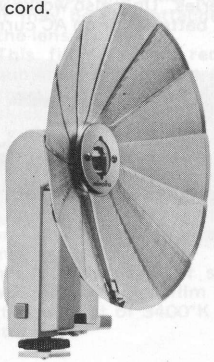
Minolta Electroflash

This electronic flash unit is equipped with HI and LO neon lights to indicate precise guide numbers and provide perfect exposure. It gives 370 flashes per set when used with alkaline batteries. Unit also works with ordinary penlight batteries or on AC current.



Minolta Flashgun Deluxe III

This compact and powerful unit has a folding-type reflector and swivels to five click-stop positions. It takes regular base and AG-type flashbulbs and can be used with or without a cord.



Minolta Duofit-S Flashgun

This compact flashgun has a unique design for extremely efficient operation. When used with the Minolta Hi-matic 5, it operates without cord. It is also equipped with a self-store cord for use with cord-terminal cameras.



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CARE AND STORAGE

Your Minolta Hi-matic 5 is made for long, carefree service, but there are a few things that you should do. Never touch the camera lens with fingers. Should lens become dirty, clean it with a blower lens brush or soft, lint-free cloth, using a gentle motion.
If you do not plan to use your camera for a long period of time, it is best to remove the battery.

Store your camera in a cool, dry place away from dust or chemicals. An airtight container that has a drying agent like silica gel in it would be ideal.

Camera should never be put or left in glove compartment or other place in motor vehicles or elsewhere in which it may be subject to relatively high temperatures.

If you have any questions, ask your Minolta dealer. He is knowledgeable in all aspects of photography, and can help you with all your photographic needs.

Minolta Camera Co., Ltd., 30, 2-Chome, Azuchi-Machi, Higashi-Ku, Osaka 541, Japan

Minolta Corporation, 101 Williams Drive, Ramsey, New Jersey 07446, U.S.A.

Minolta Camera Handelsgesellschaft m.b.H., 2 Hamburg 1, Spaldingstrasse 1, West Germany

Minolta Hong Kong Limited, 49 Chatham Road, Kowloon, Hong Kong

Minolta Singapore (Pte) Ltd., Tong Fong Bldg., 52-E, Chin Swee Road, Singapore 3