

26/36











Automatic 35-rym rangefinder carriers with CdS electric eye I ent

Dobber of stem 5/1 0

Dirk stons at each engraved aperture. scale: 1/1.8. 1/2.8. 1/4. 1/6.6. 1/8. 1/11. 1/16. 1/22

Lever type, quick wind automatically cocks, advances film and film counter and prevents

Standard 35mm film, 20 or 35 exposure masszine

Specifications of Minolta Hi-matic 7s

SELKO-LA fully automatic programmed shutter with manual EV 6.7 H/1 B at 1/15 sec) to EV 17 (1/22 at 1/250 sec)

R. 1/4 1/R. 1/15, 1/30, 1/60, 1/125, 1/250 and 1/500 sec. in engraved click stons Sunchen Contact : X contact (M class bulb synchronizes at 1/30 sec., electronic

About 10 seconds delay on manual control. Film Winding

Single full stroke or multiple short strokes.

Automatic resetting counter shows number of frames awnosed Film Rewinding

Other Features:

Sire .

Working Range: Battery

Weight: 25.4 oz. (720g) | 1 % 7.4 m

SLS (Safety Loading Signal) shows proper film load and transport. Easy loading with specially designed multiple-slot take-up spool.

Hairbr 3.1/4"(R2mm) Width 5-1/2"(140mm). Front to back including lans 2-7/8"(47mm)

Meetin in the visualinder shows the proper EV number over/ under exposure warning. Fecusion

Tiesed bright frame viewfinder with automatic paralles correction. Direct helicold focusing coupled to super-imposed rangefinder,

Evennesea Meter Built in CLC (Constast Light Compensator) exposure meter in the lens barrel coupled to programmed shutter, automatically compensates for filters or less attachments

1,35V, button-shape mercury battery for photographic appli-

How to Insert the Mercury Battery

The automatic electric eye system in the Minolta Hi-matic 7s is powered by a long-life mercury battery. with must be properly seated in the battery chamber before the camera will operate: cover with a coin by turning

replace the cover.







half a month, remove the battery and stare it in a dry place. 3) Be sure not to touch the battery terminals with moist or unclean hands. If stained

turn the power source of the battery.

SURIUST GZS ALEALING ZINCAID







A Quick Guide to Using Your Minolta Hi-matic 7s Automatically





speed and diaphragm rings to the "arrow mark on the outer lens barrel.





Using the "SLS" Film Load System

33.5 System of Eary Loading The Minchal H-maric 78 loads in seconds with its unique SLS system. Since the take-up sood has 4 film stort, there is no need to turn it to thread the film. In addition, the red signal in the acculate Film Load Window provides a constant check on film alignment and







Place the film magazine into the film chamber. If the magazine axis does not set properly on the rewind shaft, turn the film rewind crark clockwise or counter-clockwise, until the magazine falls into the proper prefition.



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









Ergaga the sprocket peer teeth with the fiftin perforation. Advance the film deduces lever slowly slower sl

6 At the same time the number "1" appears in the film counter window, a red mark will appear in the Film Load Window at the back of the camers. This signals that the film has been loaded and advanced properly. (The red mark appears in the right half of the window) engage the third or fourth film perforation with the tooth in the slot.

2) When placing the film magazine ison the film character to sure to engage the film perforations with the teeth of the sprocket gear on both sides.

3) Be sure to load or unload the film in the shade to prevent if from being damaged from

in Ti

How to Take Pictures Automatically

The Mindta Hi matic 7 is inquipped with a programmed shurter and an advanced electric ever system to combine maximum accuracy with the greatest possible operating each chorough Mindta-Hi electric 75 and for accuration controls, you need not focus and press the shurter release button. Not only will the camera authoratically set proset greaters and obstacles, but final all controls of provide the options conditionated shows two strings for any given light disturbion. With the Mindta-Himita 75, when the control of the cont

Set the film speed rating by moving the lever of the ASA/DIN* scales at the bottom of the lam's barrel to the corresponding number of the film's speed, (This simultaneously turns the meter "on";) Both ASA and DIN scales are engraved. ASA and and DIN scales are engraved.



DIN 30. 27. 24. 21. 18. 15

NOTE: The dots (.) denote ASA 650, 500, 320, 250, 160, 125, 80, 64, 40 and 32. The interval between two numbers is split into three segments, each with a click stop.



Set the camera on automatic by aligning the "A" marks of both the shutter speed and disphraem rings with the "arrow" mark on the outer

CAUTION ... When setting the camera

for automatic operation

Using the Viewfinder Warning Signals

When looking through the viewfinder, an EV scale and indicator needle can be clearly seen on the right side. If the needle is clear of the upper or lower red war If the needle remains in the top warning zone you do no times, use a flash unit to provide additional light or disenged If the needle remains in the lower warning zone, you have too.

CAUTION . . . When viewing warning marks :











Disenggging the Automatic System







Turn the shutter speed rine, first, For unusual conditions or for special effects and techniques, you may went to operate the camera

Turn the disphrases rips How to Use the Minolta Hi-matic 7s Manually

manually selecting the shutter speed and aperture yourself. 1) Move the "A" marks away from the "arrow" 2) You are now in complete command of the right side of the lens) and turning the shutter

exposure meter. When using the Minoita

CAUTION . . . When using the exposure meter : 1) When being used semi-automatically, the exposure meter operates over a range from EV 5,7 to 1

■ How to Hold the Minolta Hi-matic 7s

A good picture depends on many factors . . . one of which is the proper holding of the camera. If your grip is unsteady, the movement of the camera can ruln your photograph.

It is a good idea to practice holding the camera (either horizontally or vertically).

Holding the Camera Horizontally

with less chance of moving the camera as you can hold it firmly with both hands. Press your elbows tight to your body and release the shutter gently in order to avoid movement of the camera. It is best to focus with the right eye for sequence shooting in order to prevent the filter advance lever from coming into





Holding the Camera Vertically.

In this position the shutter release button may be pressed with either the thumb or index finger, Use whichever is more

contact with your face.

How to Look through the Viewfinder

When viewing your subject through the comero's viewfinder you can see a "bright frame" surrounding the visual what will appear on the film.



As you focus, you will actually see the bright

This provides automatic compensation for perallax and gives you a corrected field of vision, The bright frame lines prevent you from inadvertently "cutting off" the head or legs of your subject.







How to Read the Depth-of-Field Chart

Look at the photo below. According to the chart (next page), when the distance from the camera to the subject is approximately 10 feet (3m) and the tern aperture is set at 1/8,



Depth-of-Field Chart (45mm F/1.8 Rokkov)

1.8	1.4	4	1.6		11	14	10
rW.	W 10	W P	M. 6.	R Y	er w		y
d' K	m. n	W M	w				
er r		W W	10. 6	IL A		Ψ.	7
W 1"		Mr.	60' I	30.0			
14, 16,	35" 1"		H. H.	H. A.	7 5	rr	Y Y
			NF F	W 6	er v	er r	
w w	v w	W 5"	k H	7 . 7	4. 15	y . F	K - 10"
r. 100°	Y 14	W . N	r. 190	W. 456		100	38, 11,
K 15°	K' 4V	W 250	N. H.A.	8.65	W P	K F	×
F. 190	V 100	N. 100°		6' 1V	K. KA.		
r' 100°	V 100	V. 7	a. 50°	CEV			
K" (156"	K. 190	R. 105	F 15"	C.ES*	Y N	N THE	8° 95°

How to Hee the Salf-Times

The self-timer delays shutter release for about 10 seconds after you press the but-

self-timer operates for about 10 sec. As this time the shutter will

NOTE: To disensage the automatic exposure system see page 18,



How to Take Flash Photography

contless land cord) flish contact. When using unit which has a cord contact, he sure to NOTE: Be sure not to insert a bulb into the

2. Determine the correct exposure. photography, refer to the quide number of the

speed to 1/20th second When using a electronic flash unit, you may





2. You are now ready to shoot way nicture.

How to determine the correct exposure.
With the guide number known, the correct appeture can be determined by using the following formula:

Guide Number

CAUTION 1) When using the Minolta Duo-Fit Flash-

gun or Minolta Flashoube Gun, select a guide number from the table shown on

- its back.

 2) When using other flashguns, check the
- 3) The guide number shown on the box of
- flash bulbs is based on its use with a highly polished reflector. If these guide numbers are
- used with dull reflectors, pictures will tend to be under-exposed.







How to Unload the Film





When all hist the film leader is completely ewound and off the camera's spool, the red signal in the Film Load Window will feel a slight resistance. This means that







CAUTION . . . When rewinding film :

two more revolutions before opening the

Programmed Shutter

The programmed shutter in the Minotta Himatic 7s is designed to select the optimization auto-shutter seedshoreture complication auto-

matically, depending on the brightness of the subject.

All you do is to aim, focus and shoot.

The programmed shutter works over a range from EV 5.7 to 17. The right diagram indicates the relations between shutter speeds



Accessories

UV: This filter absorbs excessive ultraviolet light when shooting mountain, snow, see and

Y-48 (Yellow): For black & white photography. This filter renders red and yellow objects lighter than the eye sees them. If can also be used to distrem skies: emphasize

R-59 (Red): Used for panchromatic as well as infrared films. Darkens blue subjects and lightens red and green objects. Yields unusual G-O (Green): For black & white films, ideal outdoor filter where more pleasing fresh tones are disired in potraits against the sky. Also renders beautiful black & white phone of landscape, blossoms, and natural sky appearance.

954 (Orange): Elos black & units films.

O-54 (Orange): For black & white films, Absorbs ultra-violet and blue light, thereby making blue tones appear darker. Excellent













Minolta Lens Shade The lens shade prevents extraneous harmful

light from entering the lens, and is recommended for all outdoor photography.



enables you to take photographs at any time and in any place.

Minolta Duo-Fit Flashgum This compact flashgun has a unique design

for extremely efficient operation. When used with the Minolta Hi-matic 7s, it operates without cord. It is also equipped with a selfstored cord for use with cord terminal came-

Small, light and compact, the Minolta Mini 35 Il projector comes with carrying case. This handy little projector provides amazing

projection power. Automatic slide changer. optional accessories.

Maintenance and Care of Camera

Be sure not to touch the camera lens. If this is accidentally done, wipe it gently with a clean soft cloth,

mercury battery.

gel (drying agent).

If the chrome parts of the camera are stained, use a soft cloth and benzine to over a month, be sure to remove the

When storing the camera, keep it where temperature and humidity are relatively low. Also, do not store the camera near chemicals which contain salt. It is advisable to keep the camera in an air-tight container together with silica-



MINOLTA HI-MATIC 74

Since its introduction, the Minolta Hi-matic 7s has been hailed as the most versatile automatic

camera.

With its wide range of automatic features, your new Minofta Hi-matic 7s can make picture taking easier, more foolproof then ever before possible. For example, the accurate electric

eye in the Minofta Hi-matic 7s is based on the patenned "CLC" (Contrast Light Compensator) system to provide unsurpassed exposure accuracy, even in high contrast situations.

In addition, your new Minotta Hi-matic 7s has many other outstanding features not found on any other 35mm camers... ready to make photography muly "se easy as pressing a buttorn". These include Minotta's "SLS" (Safety Loading System) for rapid, fumble-free loading.

For special photographic techniques, such as deliberate under or over exposure, your new Minolta Hi-matic 7s may also be used semi-automatically or manually. No other camera offers

Please read this manual carefully before taking pictures so that you may fully utilize the potential of your Minotta Hi-matic 7s.

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