

ROLLEIMAT AF

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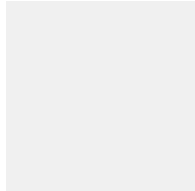
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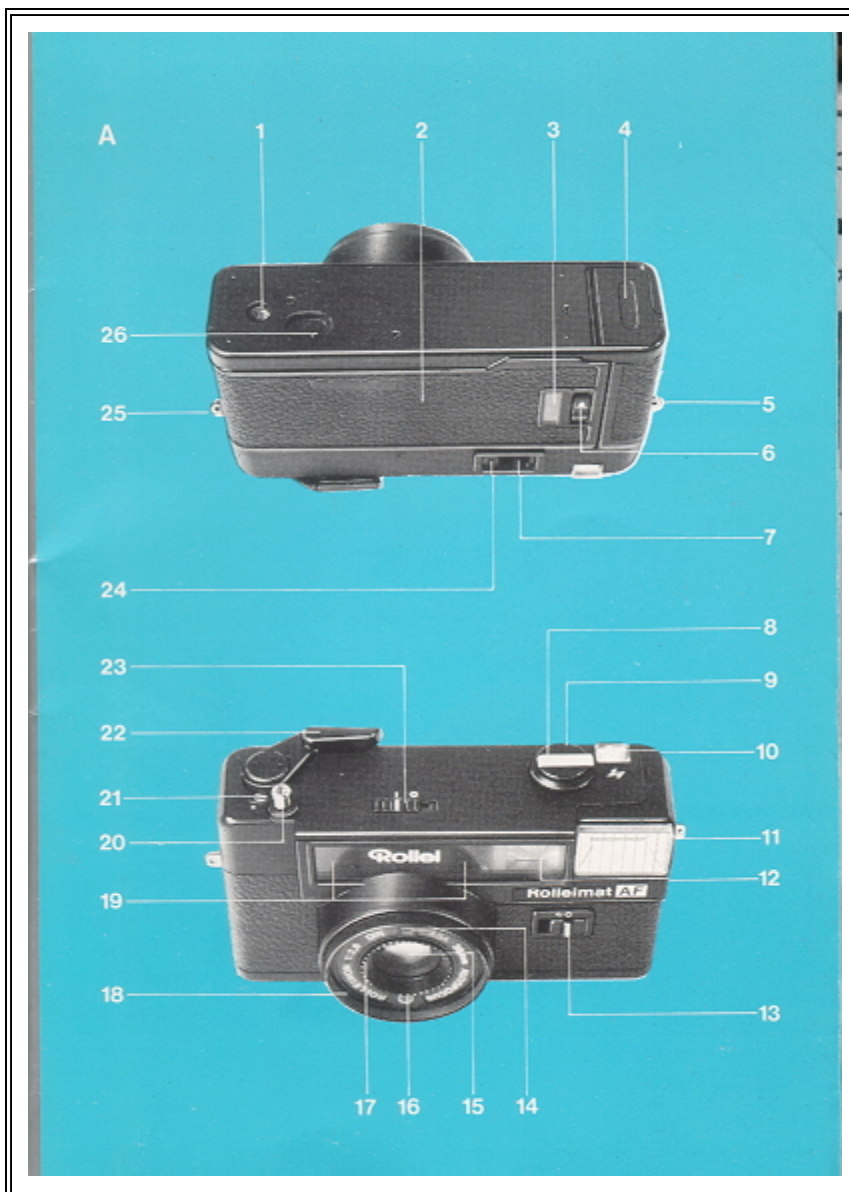
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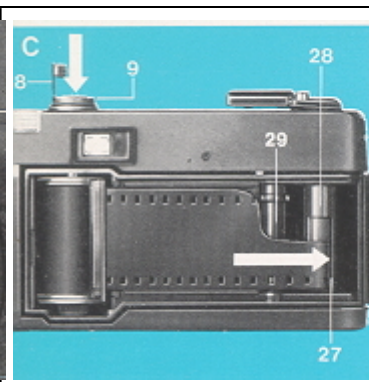
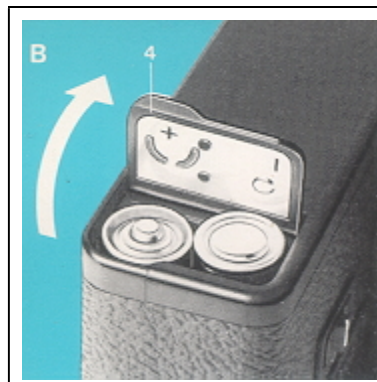


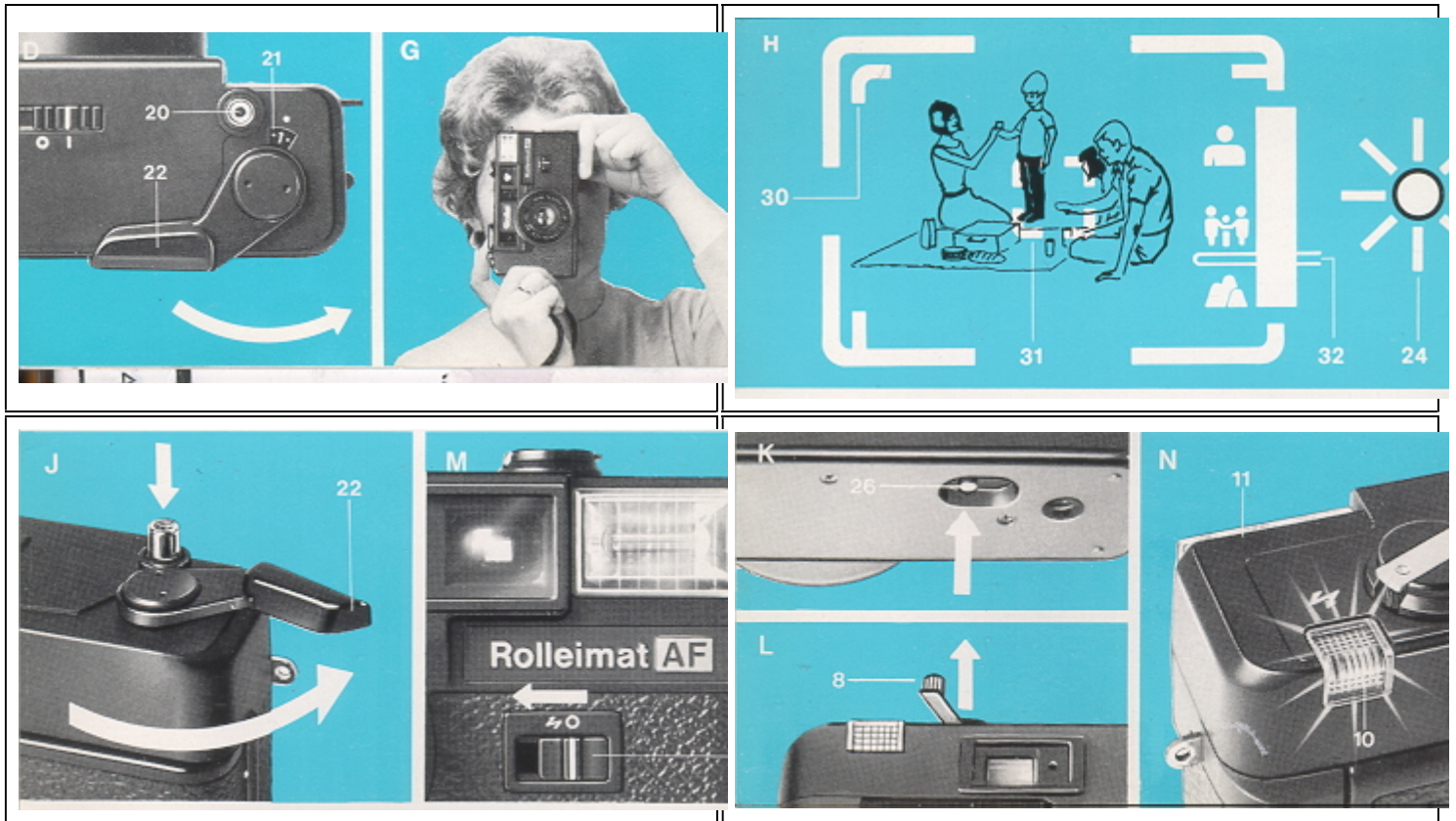
INDIVIDUAL PARTS AND FUNCTIONS

1. 1/4 " tripod socket	11. Flash reflector
2. Camera back	12. Viewfinder window
3. Film type window	13. Sliding switch for flashgun
4. Cover for battery compartment	14. Window for ASA/DIN indication
5. Ring for carrying strap, left	15. Lens
6. Slide catch for camera back	16. CdS cell for exposure meter
7. Viewfinder eyepiece	17. Knurled ring for film speed setting
8. Rewind crank	18. Thread for lens hood or filter
9. Rewind knob	19. Focusing window
10. Ready-for-operation indicator for flashgun	20. Shutter release



- 21 Frame counter
 - 22 Rapid film advance lever
 - 23 Main switch
 - 24 Warning indicator for time exposures
 - 25 Ring for carrying strap, right
 - 26 Rewind lock
 - 27 Take-up slit
 - 28 Take-up spool
 - 29 Sprocket drum
 - 30 Parallax marks
 - 31 Autofocus measuring field
 - 32 Autofocus indicator
- Parts 27--32 are illustrated on the back covers*





RAPID COURSE

Insert batteries

Push cover 4 inwards in direction of arrow and open. Insert batteries supplied with camera in accordance with the polarity diagram into battery compartment --> fig. B. Close cover and press to secure.

Switch on camera

Set main switch 23 to "I". Camera is now ready to use.

Insert film

Move slide catch 6 in direction of arrow and open camera back 2. Insert film cartridge and push film leader into take-up slit 27. --> fig. C. Close camera back until it locks. Alternately wind on film and press shutter release until counter 21 is at 1

--> fig. D. Set film speed Remove lens cover. Turn knurled ring 17 until the desired ASH /DIN value clicks into the window 14 --> Fig. E.

View subject

Keep subject within bright-line frame --> fig. H. Alight is sufficient for exposure, time exposure indicator 24 remains dark. If red light 24 lights up then light is too weak for handheld photographs. Use tripod for outdoor photographs at a distance of more than 16 ft. (5 meters). Set sliding switch 13 to IS for outdoor photographs at a distance of less than 16 ft. (5 meters) and for indoor photographs. Indicator 10 signifies that camera is ready for flash operation --> fig. N.

Shoot!

Hold camera steady and level fig. F and C. Align measuring field 31 directly with main subject --> fig. H. Press down shutter release 20 slowly until there is an audible click. The distance is then being measured and set automatically. To take the photo: keep shutter release pressed, then press fully down.

After flash photography switch flashgun off: set sliding switch 13 to 0. Finally, wind on film -->fig. J.

HANDING THE CAMERA

Insert the batteries as described in Tip I (if this has not already been done by your photographic dealer).

Remove the lens cover and keep it safe; always replace cover when camera is not in operation, so that lens and measuring cell are protected from dust.

Switch on the camera Set main switch 23 to "1". To switch off the camera: reset switch to "0".

Load the film Films to be used are 35 mm films (type 135) in cartridges for 12, 20, 24 or 36 exposures. Load film in at least your own body shadow, not in full sunlight!

Unlock camera back with catch 6 and open. Press rewind knob 9 outwards from the inside, insert film cartridge --> fig. C. Turn rewind knob with crank 8 until it engages in the film cartridge, then press in fully. Turn take-up spool 28 until a take-up slit 27 is at the top. Push film leader into this slit.

Alternately press shutter release 20 and wind on film with lever 22 until the perforations pass over sprocket drum 29 on both sides A.). Close camera back until it locks. Again alternately press shutter release and wind on film until counter 21 is at 1 --> fig. D.

Set the film speed Set the ASH /DIN value of the loaded film in window 14 by means of knurled ring 17 --> fig. E. For 32, 125, 250 and 320 ASH (16, 22, 25 and 26 DIN), the lower value present in each case is to be set.

Select the picture

Place your eye close to viewfinder eyepiece 7. Do not cover viewfinder window 12, focusing windows 19 or measuring cell 16 --> fig. F and G.

Select picture so that it is completely within bright-line frame of viewfinder. The area outside the bright line frame enables fast-moving subjects to be followed more easily. For close-up of 3--loft. (I--3 metros): keep picture within parallax marks 30 --> fig. H.

Note the time exposure indicator

By red light 24 lights up, the available light is not sufficient for (shake-free) high-speed exposures; use either the integral flashgun --> tip 6 or a tripod.

Measure the distance Align measuring field 31 directly with that point on the subject which is most important for the picture --> fig. H. Press shutter release 20 briskly, but not too quickly; the distance is now being measured automatically, a click indicates that the measurement is "fixed". At the same time the distance measured is indicated in the viewfinder by symbols and indicator 32.

The viewfinder symbols mean: : person= portrait, three people = group, mountains = landscape. The shortest possible distance from the subject is 4ft. (1.2 meters).

Shooting

After measurement, keeping the release pressed and press down fully to take the photo.

With cable release

Use camera with tripod or on a firm base, screw cable release into shutter release 20.

After taking the picture Turn lever 22 to its maximum extent and let it spring back ~ fig. J. Frame counter 21 shows the number of photos taken. Photos 12, 20, 24 and 36 are marked in red. By no more photos are to be taken for a longer period of time, set main switch 23 to 0.

Remove the film


Pull out rewind crank 8. Press in rewind lock 26 briefly and turn crank in direction of arrow --> fig. K and L, until the resistance of the film movement stops (lock 26 is released again when the next film is wound on).

Unlock camera back with slide catch 6 and open. Turn rewind crank 8 to its maximum extent and remove film cartridge. Remove film at least in your own body shadow; avoid harsh sunlight and dust. Push in crank 8 and press in knob 9. Close camera back until it locks.

TIPS FOR PRACTICAL USE

1. The Batteries

Two 1.5 V alkali-manganese batteries such as Varta 4006, Mallory MN 1500, National AM 3 or equivalent makes are required. Push cover 4 inwards and open. Insert batteries as indicated on the polarity diagram in the battery compartment fig. B. Close cover and press outwards to secure.

To check the batteries: set main switch 23 to "1", move sliding switch 13 from 0 to . After a few seconds the red light 10 will glow if there is sufficient battery voltage for all electronics in the camera.

If the batteries are spent, the red light glows only after a certain time, or does not glow at all. --> also tip 6. In addition, the shutter release is locked. Spent batteries must always be replaced in pairs.

2. The autofocus system is activated when the shutter release is pressed (slowly) and measures the closest object in measuring field 31. For low contrast flat objects, another object at a similar distance should be viewed, so that the measuring system can pick up the contrast required for the measuring process. If the light is not sufficient for taking photos, the autofocus system is no longer operational.

To check the distance: note the autofocus indicator and the symbols in the viewfinder; the position of the indicator must approximate to the distance of the subject --> fig. H.

To repeat the measurement: let shutter release out completely and again press down until a click is heard. by this movement is rushed, the shutter release is locked by the shutter is not wound or the main switch set at 0, the shutter release is locked and the autofocus system is out of operation.

3. To carry the camera use the carrying strap and the carrying case. Insert the strap in either ring 5 or ring 25 as required. After attaching the strap, the end of the strap is pulled outwards through the opening in the case. When taking photos, the case is pushed back to release the camera.

4. Photos using a filter alter the rendition of the photo by emphasizing the filter colors and suppressing the complementary colors. Further details are given in the leaflet enclosed with every filter.

A filter should only moderately be screwed into socket 18. Measuring cell 16 receives only light which has already been filtered; corrections to the exposure are not necessary.

5. Photos using the lens hood are in principle a/ways recommended: Lens 15 and measuring cell 16 are protected from direct light sources and stray light, and also from fingerprints, rain or snow; the brightness and sharpness of the photos are improved

Screw the hood into thread 18 (a hood can be obtained from your local dealer, M 46 x 0.75).

6. Flash photos for outdoor subjects at a distance of up to 16 ft. (5 meters) or for interiors (if the red light has indicated insufficient light for taking photos).

Move sliding switch 13 from 0 to 4 --> fig. M. Red light 10 indicates when the camera is ready for flash operation --> fig. N. With new batteries and continuous flash operation, this indication appears after 6--8 seconds; after longer periods out of use or at low temperatures it will take a few seconds longer. If the batteries are spent, the red light either does not glow for about 30 seconds or no longer glows at all.

For vertical photos keep flash reflector 11 at the top, to prevent troublesome shadows.

The integral automatic flash mechanism controls the right exposure according to the automatically-set distance between 4 and 16 ft. (1.2 and 5 meters).

Switch off the flashgun after those photos have been taken (switch 13 in position 0) to save battery power. Two new alkali manganese batteries are sufficient for about 250 flashes.

7. Care and maintenance

Clean camera and accessories at longer or shorter intervals according to use: clean outer parts with a soft cloth and glass parts with lens-cleaning paper, dust all inner parts with a hair brush. Remove batteries if the camera will not be used for longer periods.

Protect the camera from sand, water, strong sunlight and shocks; replace the lens cover and store the camera in its carrying case when not in use.

The Rollei international service along with its authorized and specialized workshops, as well as Rollei dealers the world over, will take proper care of your Rollei camera and will help you with all questions on photography.

DATA AND FIGURES

Type: 24 x 36 mm viewfinder camera with autofocus system, CdS automatic programmed exposure meter and integral electronic flashgun.

Features: Rapid film loading system, forward-counting self-resetting film counter, 120° rapid winding with lock against double exposures and blank negatives; bright-line frame viewfinder 0.5 x with parallax marks, autofocus measuring field, distance symbols and autofocus indicator; behind-the-lens central shutter, shutter locked with insufficient current or flashgun ready light not going on; time exposure warning light, autofocus locked with shutter not wound or camera switched off, film type indicator.

Automatic exposure system: Electronic exposure control from 1/8 to 1/450 sec/f 2.8 to 17, film speed setting 25--400 ASA/15 27 DIN; CdS-cell closed to lens, also operational when using filter; measuring range EV 6--17 at 100 ASA /21 DIN, current supplied by batteries for integral flashgun.

Lens: 38 mm Rolleinar 1:2.8 autofocus, 4 lenses/3 elements; automatic focusing 4 ft. (1.2 m) 00 f tier thread M 46 x 0. 75.

Electronic flashgun: Guide number 14 at 100 ASA /21 DIN; operational range 4--16 ft. (1.2--5 m); recycling time 6--8 sec with new batteries, approx. 250 flashes; "Flashmatic" system with separate on/off switch, exposure program automatically switched over to flash operation; current supplied from two 1.5 V alkali-manganese batteries type AA.

Dimensions and weight: 5.2 x 2.2 x 2.9 in, 13.9 oz (132 x 56 x 75 mm, 395 g) excluding batteries.

Accessories*: Lens cover, carrying case, carrying strap, 2 batteries.

* Partly included with camera

Technical modifications and inclusion of accessories reserved.