

Miranda RE-II

posted 8-24-'02

This camera manual library is for reference and historical purposes, all rights reserved.

This page is copyright by mike@butkus.org, M. Butkus, NJ. ©2002

This page may not be sold or distributed without the expressed permission of the producer.

I have no connection with Miranda Co., Japan.

On-line camera manual library

If you find this manual useful, how about a donation of \$3 to:

M. Butkus, 29 Lake Ave., High Bridge, NJ 08829-1701

and send your e-mail address so I can thank you.

**Most other places would charge you \$7.50 for a electronic copy
or \$18.00 for a hard to read Xerox copy.**

**This will help me to continue to host this site,
buy new manuals, and pay their shipping costs.**

It'll make you feel better, won't it?

If you use Pay Pal, use the link below.

Use the above address for a check, M.O. or cash.



www.PayPal.me/butkus

Venmo @mike-butkus-camera

**[This camera uses a mercury battery,
check this page for a Wein Air 1.3v replacment](#)**

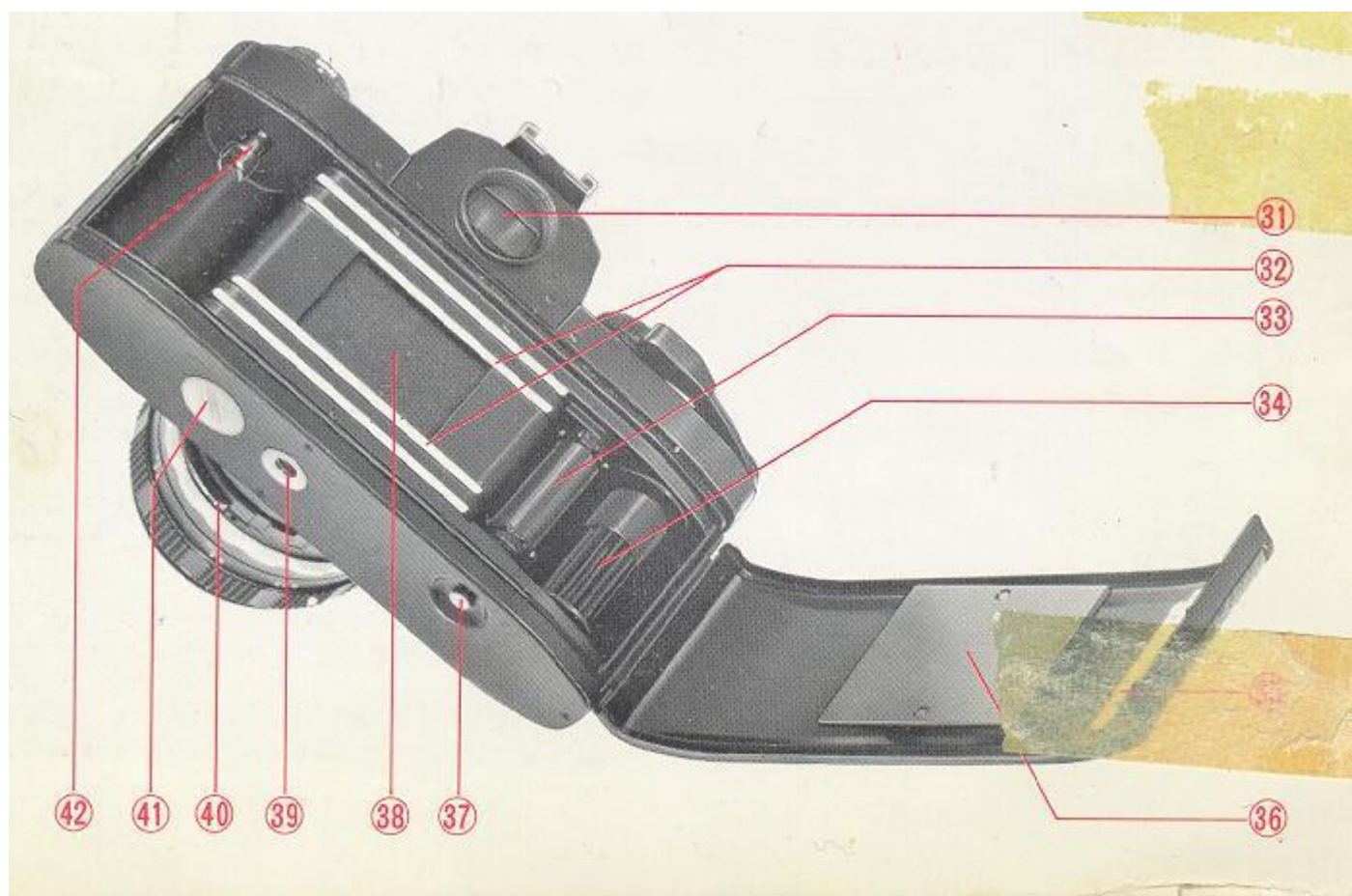


Due to the type of manual, each page is scanned individually.

How to . . . and Where	
Operation A-B-C	p.p. 4-5
Load Batteries	p. 6
Set the ASA Speed.	p. 6
Set the Shutter Speed	pp. 7
Load and Wind Film	pp. 8-9
Determine Exposure	pp. 10-11
Technical Data	p. 13
Hold the Camera	p. 14
Focus	p. 15
Set the Aperture	p. 16
Rewind the Film	p. 17
Obtain Double Exposures	p. 18
Take Flash Pictures.	p. 19
Interchange Lenses	p. 20
Miranda Auto EC Lenses	p. 20
Interchange Viewfinders	p. 21
Care for the RE-II	p. 21
Accessories, 'A' to 'Z'	pp. 22-23

MIRANDA RE-II





CAMERA NOMENCLATURE

- | | |
|--------------------------------|-----------------------------|
| 1. X-CONTACT | 22. FINDER RELEASE DIAL |
| 2. FP-CONTACT | 23. REWIND DIRECTION ARROW |
| 3. LENS RELEASE LEVER | 24. NECKSTRAP EYELET |
| 4. DEPTH OF FIELD SCALE | 25. LENS POSITIONING MARKS |
| 5. APERTURE RING | 26. DISTANCE INDICATOR |
| 6. LENS POSITIONING ARROW | 27. DISTANCE SCALE |
| 7. ASA FILM SPEED SETTING RING | 28. FOCUSING RING |
| 8. SHUTTER RELEASE BUTTON | 29. METER CUT-OFF SWITCH |
| 9. FILM ADVANCE LEVER | 30. MIRANDA AUTO EC LENS |
| 10. FILM COUNTER | 31. EYEPIECE |
| 11. X-SYNCHRONIZATION MARK | 32. FILM GUIDE RAILS |
| 12. CABLE RELEASE SOCKET | 33. SPROCKET WHEEL |
| 13. SHUTTER SPEED DIAL | 34. RAPID LOAD SPOOL |
| 14. ASA FILM SPEED DIAL | 35. CASSETTE STABILIZER |
| 15. ASA INDEX | 36. PRESSURE PLATE |
| 16. ACCESSORY SHOE | 37. REWIND BUTTON |
| 17. HOT SHOE X-CONTACT | 38. SHUTTER CURTAIN |
| 18. INTERCHANGEABLE PENTAPRISM | 39. TRIPOD SOCKET |
| 19. FILM REWIND KNOB | 40. PREVIEW LEVER |
| 20. FILM REWIND CRANK | 41. BATTERY COMPARTMENT CAP |
| 21. FILM MEMORY DIAL | 42. FILM REWIND SHAFT |

How to . . . and Where

Operation A-B-C	p.p. 4-5
Load Batteries	p. 6
Set the ASA Speed	p. 6
Set the Shutter Speed	pp. 7
Load and Wind Film	pp. 8-9
Determine Exposure	pp. 10-11
Technical Data	p. 13
Hold the Camera	p. 14
Focus	p. 15
Set the Aperture	p. 16
Rewind the Film	p. 17
Obtain Double Exposures	p. 18
Take Flash Pictures	p. 19
Interchange Lenses	p. 20
Miranda Auto EC Lenses	p. 20
Interchange Viewfinders	p. 21
Care for the RE-II	p. 21
Accessories, 'A' to 'Z'	pp. 22-23

WELCOME to the ever widening world of Miranda photography. By purchasing the Miranda RE-II you have opened up all new vistas of recording the images before you. Your camera is one of the world's finest, optically advanced, precision tooled photographic instruments available to the discerning photographer of today.

Miranda cameras are system cameras to be built on, never outdated, always expanding in versatility, and the Miranda RE-II is a prime example. We expect that you will carefully read this manual, and fully familiarize yourself with all the myriad features of the Miranda RE-II before embarking on your photographic adventures. Through proper care and handling, your camera will provide you with many years of photographic pleasure. Should any questions or problems arise, we urge you to first consult your local Miranda dealer for quick response and service, and then, if necessary, Miranda Camera Co., Ltd. at the address on the rear of this manual.

OPERATING THE MIRANDA RE-II IS



A

Load the battery.

(See page 6)



B

Set the ASA speed.

(See page 6)



C

Load the film.

(See pages 8 & 9)



D

Advance the film.

(See page 9)



E

Cock the shutter.

(See page 9)

AS SIMPLE AS A•B•C.....



F

Determine and set the shutter speed.

(See pages 7 & 10)



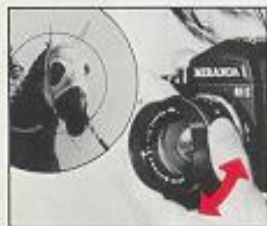
G

OFF

ON

Turn the exposure meter on.

(See pages 10 & 11)



H

Compose the picture and focus.

(See page 15)



I

Adjust the diaphragm for correct exposure.

(See pages 10, 11, & 16)



J

Release the shutter.

(See page 14)

LOADING THE BATTERY



A1

To open the BATTERY COMPARTMENT CAP, insert a coin into the slot and turn it counterclockwise.



A2

Insert only a 1.3 volt mercury battery (Mallory PX 675 or equivalent) into the chamber, flat side (+) facing up.



A3

To close the BATTERY COMPARTMENT CAP, insert a coin into the slot and turn it clockwise. Do not tighten the cap excessively.

SETTING THE ASA SPEED



B1

Check the ASA number recorded on the 35mm film cassette.



B2

Lift the ASA FILM SPEED SETTING RING up and rotate it until . . .

B3

the diamond-shaped ASA INDEX is lined up with the ASA number you read on the film cassette.

SETTING THE SHUTTER SPEED



F1

Rotate the ASA FILM SPEED SETTING RING until the desired shutter speed on the SHUTTER SPEED DIAL lines up with the red line on the top cover. Note that the speeds are in fractions of a second . . . 1/2, 1/4, 1/8, etc.. The RING click stops in both directions, but goes only as far as 'B' one way, and '1000' the other way.



F2

The 'B' or bulb setting allows you to keep the shutter open as long as you keep the SHUTTER RELEASE BUTTON depressed. Your camera should be mounted on a tripod when long exposures, 1/15 sec. or longer, are used. A cable release should also be used to avoid shaking the camera.

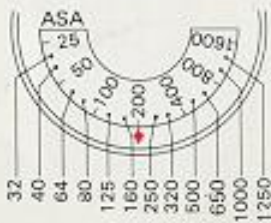


F3

At 'X' the shutter operates at approximately 1/45 second to synchronize with electronic flash units. See page 19 for further instructions.

EXPOSURE METER COUPLING RANGE

ASA FILM SPEED DIAL SETTINGS



+ Black areas-ASA FILM SPEED DIAL and SHUTTER SPEED DIAL cannot be set at this combination.



ASA & BSA	German DIN
25	15/10
32	16/10
40	17/10
50	18/10
64	19/10
80	20/10
100	21/10
125	22/10
160	23/10
200	24/10
250	25/10
320	26/10
400	27/10
500	28/10
650	29/10
800	30/10
1000	31/10
1250	32/10
1600	33/10

f/stop
aperture
light ratio



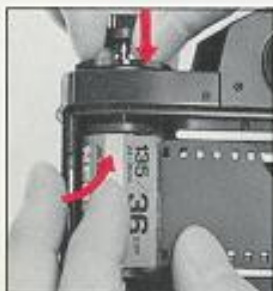
LOADING AND WINDING THE FILM



C1

ONLY load or unload film in the shade, never in the sunlight.

To open the back cover, lift the FILM REWIND KNOB all the way up. The back cover will automatically swing open, and the film counter will return to the starting position 'S'.



C2

Insert the film cassette into the film chamber as shown at left. Push the FILM REWIND KNOB all the way down to its original position. If it doesn't go down, rotate it a little left or right. The film cassette is now engaged by the FILM REWIND SHAFT.



C3

Insert the film leader into one of the slits in the RAPID LOAD SPOOL. Make sure the SPROCKET WHEEL engages one of the perforations in the film leader.



C4

Using the FILM ADVANCE LEVER, advance the film to check that both top and bottom film perforations are engaged by the SPROCKET WHEEL. Snap the back cover closed.



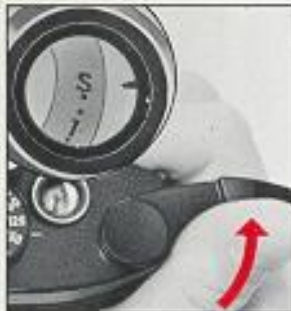
C5

Turn the **FILM REWIND CRANK** clockwise (in the direction of the engraved arrow) until all the slack in the film cassette is taken up. This occurs when there is resistance to further turning of the crank.



D1

Wind the **FILM ADVANCE LEVER**. When it is being operated, the **FILM REWIND KNOB** should turn in a direction opposite the engraved arrow indicating that the film is moving properly.



D2

Wind the **FILM ADVANCE LEVER** and release the shutter a few times until the pointer in the **FILM COUNTER** is aligned with the second dot after 'S'. Release the shutter.



E

Wind the **FILM ADVANCE LEVER** once more, and the counter should now read '1'. You are now ready for taking the first photo.

DETERMINING PROPER EXPOSURE



I 1

Cock the shutter by rotating the FILM ADVANCE LEVER forward 180°.



I 2a

Set the shutter speed.

OR



I 2b

Set the lens aperture.



I 3

Turn the exposure meter on by rotating the METER CUT-OFF SWITCH so that the two red marks are aligned.



I 4a

If you performed step 2a then center the meter needle by adjusting the lens aperture.

O.K.

OR



I 4b

If you performed step 2b then center the meter needle by adjusting the shutter speed.



I 5

Shut the meter off by releasing the shutter to take a picture or by turning the METER CUT-OFF SWITCH to the off position.

OFF!



MIRANDA RE-II EXPOSURE METER SYSTEM

Exposure Meter Operating Range*

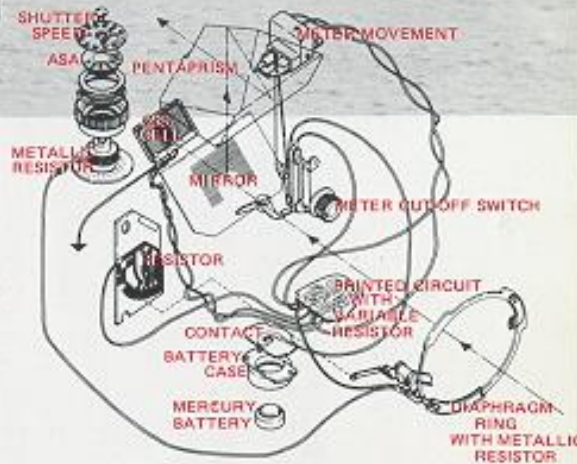
SHUTTER SPEEDS (seconds)												
ASA	1	2	4	8	15	30	60	125	250	500	1000	
25												SEE PAGE 7
32												
40												
50												
64												
80												
100												
125												
160												
200												
250												
320												
400												
500												
650												
800												
1000												
1250												
1600												

*Outside of this range, the meter needle swings to the extreme underexposure position.

CdS Cell EV Capability at ASA 100

SHUTTER SPEEDS (seconds)												
f/stop	1	2	4	8	15	30	60	125	250	500	1000	
1.4			3	4	5	6	7	8	9	10	11	
2			3	4	5	6	7	8	9	10	11	12
2.8		3	4	5	6	7	8	9	10	11	12	13
4		4	5	6	7	8	9	10	11	12	13	14
5.6		5	6	7	8	9	10	11	12	13	14	15
8		6	7	8	9	10	11	12	13	14	15	16
11		7	8	9	10	11	12	13	14	15	16	17
16		8	9	10	11	12	13	14	15	16	17	18
22		9	10	11	12	13	14	15	16	17	18	
32		10	11	12	13	14	15	16	17	18		

EV EQUIVALENT AT ASA 100



Meter Needle Positions



Use of the unique Miranda RE-II CM CONVERTER allows you to take exposure readings in the closed-down mode. Instructions are included with it.



See pages 22 and 23 for Miranda RE-II accessories.

Useful photographic data and terminology explained for the layman can be found in the latest PHOTO INFORMATION ALMANAC published by Modern Photography Magazine.



PERIMENT WITH YOUR IRANDA RE-II



① High-speed Action Shots With A Telephoto ② Evening Long Exposures ③ Macrophotos ④ Silhouette By Under-exposing Backlit Subjects ⑤ Aim The Sensing Area High For Drama.



MIRANDA RE-II TECHNICAL DATA

CAMERA TYPE

35mm single-lens reflex (SLR) camera with built-in mechanical focal plane shutter and TTL meter.

FILM FORMAT

35mm- 24 x 36mm, 43.3mm film frame diagonal.

STANDARD LENSES

Miranda Auto EC 50mm/f 1.8 or f 1.4, 46° Angle of View.

SHUTTER

Mechanical, rubberized cloth-blind focal plane shutter with speeds from B to 1/1,000 second. Top shutter release button with cable release/self-timer socket.

VIEWFINDER SYSTEM

Interchangeable pentaprism system. Standard finder with 50mm lens at ∞: 0.92x image magnification, 95% field of view, -1.2 diopter.

EXPOSURE METER SYSTEM

TTL, partial (lower center-weighted) light measuring at open aperture, closed down possible with special RE-II CM Converter, CdS cell built into mirror assembly, meter cross-coupled to shutter speed/diaphragm/film speed controls. Meter activates when shutter is wound, and deactivates with shutter release or special cut-off switch. Light measuring range: EV 3-18 (ASA 100/f 1.4) ASA: 25-1600, Apertures: f 1.4 to f 22.

FOCUSING SYSTEM

Miranda unique fresnel screen with circular multiple split image microprism rangefinder in the center. Depth of field preview lever on Auto Miranda lenses.

LENS INTERCHANGEABILITY

Accepts all Miranda lenses. Dual Miranda mount: four claw and inside 44mm φ screw mount.

FLASH SYNCHRONIZATION

X and FP contacts on front, and X-contact hot shoe on top. FP synchronization at all speeds, X at 1/45 sec.

FILM ADVANCE/COUNT SYSTEM

Rapid-load spool, auto-resetting advance counter, single stroke 180° film advance lever, plastic tipped.

DIMENSIONS

144 x 95 x 82mm (body only)
5-2/3 x 3-3/4 x 3-1/4 inches

POWER SOURCE

One 1.3V mercury battery
(Mallory PX675, Eveready EPX675).

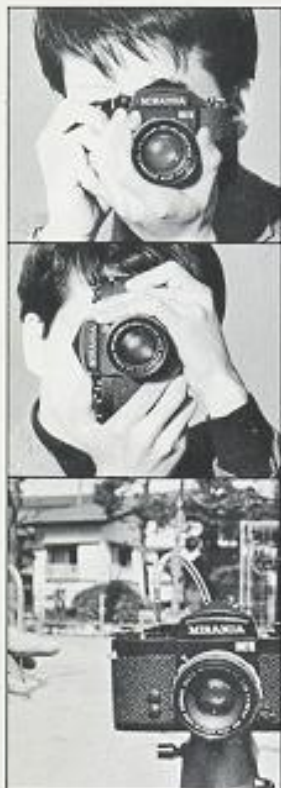
WEIGHT

661 grams (body only)
23-1/3 ounces

*Specifications in this manual are subject to change without notice due to ongoing technological advances.



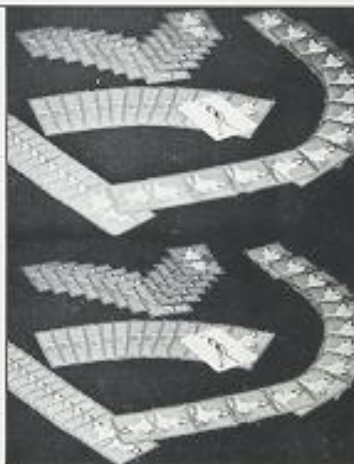
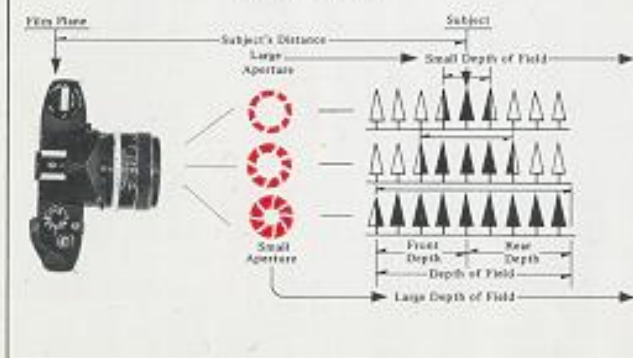
HOLDING THE CAMERA



To avoid blurred photos the camera must be held firmly. The sharpest pictures can be taken only when the camera does not move while the shutter is released.

- Firmly hold the camera with both hands.
- When the camera is utilized in a horizontal position, comfortably brace your elbows against your body. Rest the camera on your extended right thumb. Take a deep breath, and release half. Then while holding in the rest, smoothly depress the SHUTTER RELEASE BUTTON with the tip of your right index finger. The camera is further steadied by pushing the camera in towards your nose with the last three fingers of the right hand. Your left hand should serve to focus and support the lens barrel.
- When the camera is held vertically your right hand is essentially in the same position with the elbow braced against the body. The left hand should either function as above or grasp the end of the camera gently pulling in.
- The camera should be mounted on a tripod and a cable release used when taking pictures with a telephoto lens and/or at slow speeds (1/15 second or slower). It is also recommended for microphotography.

DEPTH OF FIELD: APERTURE VISUALLY

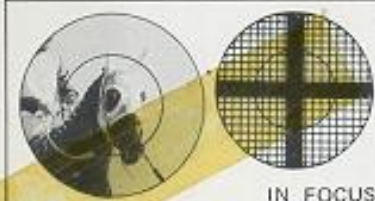


FOCUSING THE UNIQUE MIRANDA WAY



H1

The Miranda RE-II has a unique rangefinder screen. In the center is a microprism spot surrounded by an inner microprism ring and an outer matte (ground glass) ring. Surrounding the center circles is a matte field for sharp focusing combined with concentric Fresnel rings to heighten image brightness.



The central microprism spot and its surrounding microprism ring act as a circular multiple split-image range-finder. Its unique design makes extremely rapid and accurate focusing easy without the split-image blackening. Under the most adverse conditions the rangefinder will only darken somewhat. For focusing the circular multiple split-image microprism spot and/or the matte field can be utilized.



H2

To focus, look through the viewfinder and rotate the FOCUSING RING right or left as required.



H3

For INFRA-RED photography, first focus normally. Next, turn the indicated distance on the DISTANCE SCALE so it is aligned with the red dot and 'R' on the DEPTH OF FIELD SCALE.

SETTING THE APERTURE



I 6

Rotate the APERTURE RING with the thumb and index finger of your left hand. Align the desired aperture number (f/stop) with the red dot and line which also serve as the LENS POSITIONING MARKS.

PREVIEWING DEPTH OF FIELD



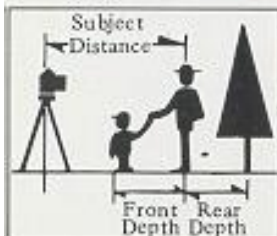
I 7

The Miranda RE-II is an open aperture camera. Provision for DEPTH OF FIELD PREVIEW is made on the lens, not on the camera body. For this reason the method for previewing the depth of field will vary with the lens mounted on the camera.

Miranda Auto EC lenses have a PREVIEW LEVER on the lower left, next to the METER CUT-OFF SWITCH when mounted on the RE-II. Each Miranda Auto EC lens also features a DEPTH OF FIELD SCALE on the top of the lens. To read the approximate depth of field, note the aperture number indicated on the APERTURE RING. The same numbers to the left and right on the DEPTH OF FIELD SCALE point to the depth indicated on the DISTANCE SCALE.

For example: On the Miranda Auto EC 50mm f/1.4 lens as shown at right, when the aperture is at f/8 and the subject is at 5 meters (16.25 ft), the depth of field extends from approximately 4 meters (13 feet) to 10 meters (32.5 feet).

To visually see the depth of field, stop the aperture down (close the diaphragm) by sliding the PREVIEW LEVER downward.



I 8

DEPTH OF FIELD is the zone of diminishing, but still acceptable, sharpness in front of and behind the image plane on which the lens is focused. Usually the front depth is smaller than the rear depth.



I9

Very frequently the composition of a picture can be enhanced by having the main subject in sharp focus while the surrounding objects in the scene are soft and out of focus. This will de-emphasize distracting background objects, and concentrate the viewer's attention on the principle subject.

Three factors determine depth of field:

DEPTH OF FIELD	F/STOP	SUBJECT DISTANCE	FOCAL LENGTH OF LENS
small	small	near	long
large	large	far	short

REWINDING THE FILM



K1

Depress the REWIND BUTTON until it clicks.



K2

Flip open the FILM REWIND CRANK, and turn it clockwise, following the REWIND DIRECTION ARROW. Continue turning until you feel the resistance cease, then turn the crank which now moves very freely, two or three more turns.

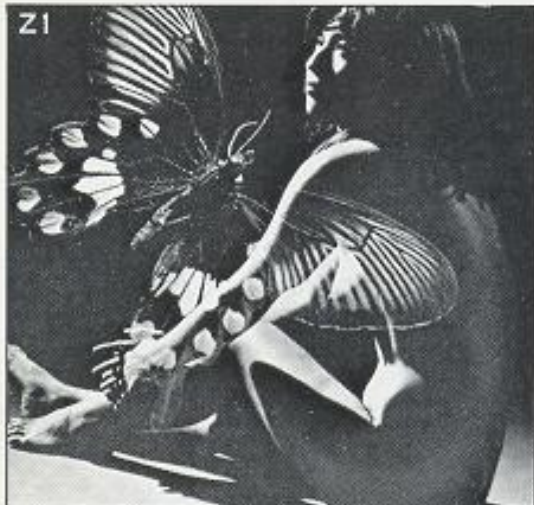


K3

Pull the FILM REWIND KNOB all the way up, and the back cover will swing open. Remove the film cassette. Use a blower brush to remove film chips or other particles from inside the camera.

TAKING DOUBLE EXPOSURES

Z1



Z1

To take deliberate double exposures, make the first exposure in the normal way.

Z2

Next take up the slack in the film cassette by turning the REWIND CRANK in the direction of the arrow until it stops. DO NOT force the CRANK.

Z2



Z3



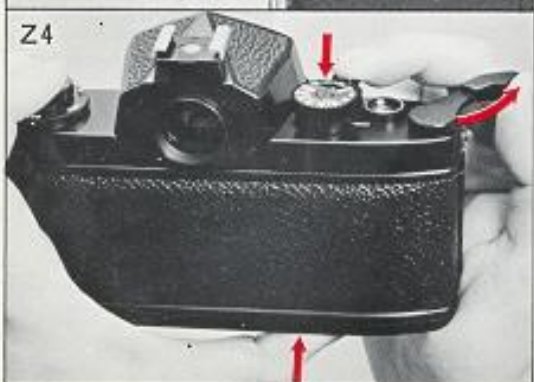
Z3

WHILE STILL HOLDING THE REWIND CRANK IN THIS POSITION, depress the REWIND BUTTON on the bottom of the camera.

Z4

While holding the CRANK and depressing the BUTTON, wind the FILM ADVANCE LEVER. This operation cocks the shutter without advancing the film. The shutter is now ready to make the second exposure.

Z4



We suggest you make one blank exposure before taking the next picture, to avoid the possibility of overlapping.

UTILIZING FLASH UNITS

FLASH SYNCHRONIZATION CHART

		SHUTTER SPEEDS (seconds)											
FLASH CONTACT	FLASH SOURCE	1	1/2	1/4	1/8	1/15	1/30	X	1/80	1/125	1/250	1/500	1/1000
FP	FP CLASS FLASHBULB												
X	ELECTRONIC UNIT												
	F CLASS FLASHBULB												
	M CLASS FLASHBULB												



L1

When available light is low or supplemental lighting is needed, a flashgun or an electronic flash unit should be used with your Miranda RE-II.

Slip the flashgun or electronic flash unit base into the rear of the ACCESSORY SHOE. If the flash unit has a locking device, tighten it.



L2

— SEE THE FLASH SYNCHRONIZATION CHART ABOVE —

When a regular cord-equipped flash unit is used:

and you use:	connect the cord plug to:	Set the SHUTTER SPEED DIAL at:
FP Class Bulbs	FP-CONTACT	any speed (1/1000 to 1 sec)
* F Class Bulbs	X-CONTACT	1/30 sec or slower
* M Class Bulbs	X-CONTACT	1/15 sec or slower
Electronic Unit	X-CONTACT	'X' or slower

* Whenever possible use FP Class instead.

Keep the FP and X-CONTACTS capped when not in use.



L3

When a hot shoe-equipped electronic flash unit is slid into the ACCESSORY SHOE it should couple with the X-CONTACT HOT SHOE, and no synchro cord is necessary.

Set the SHUTTER SPEED DIAL at 'X'.

INTERCHANGING LENSES



A

To attach the lens, align the RED DOT and LINE on the Miranda Auto lens with the LENS POSITIONING ARROW on the camera body. Turn the lens about 45° clockwise until it click locks into place.



B

To release the lens, depress the LENS RELEASE LEVER, and while keeping it depressed, rotate the lens 45° counterclockwise until the RED DOT is aligned with the LENS POSITIONING ARROW. Lift the lens off.

NOTE: Do not expose the lens opening to excessive sunlight when the lens is removed as this may cause fogging of the film.

MIRANDA AUTO EC LENS SERIES

		§	§	§	§	§	§		
LENS SIZE (mm)	28	35	50	50	105	135	200	80-200	55 MACRON
MAXIMUM APERTURE	f2.8	f2.8	f1.8	f1.4	f2.8	f2.8	f3.5	f3.5	f3.5
MINIMUM APERTURE	f16	f16	f16	f16	f22	f22	f22	f22	f22
CONSTR.(GROUPS/ELE)	7/7	6/6	4/6	5/7	5/5	4/5	5/6	8/12	3/4
ANGLE OF VIEW	74°	64°	46°	46°	23°	18°	12°	30°-12°	43°
CLOSEST FOCUS (m)	.25	.30	.43	.43	1.2	1.5	2.5	2	(1:2).25/9.8
(inches)	9.8	11.8	16.9	16.9	47.2	59.1	98.4	78.7	(1:1).22/8.8
FILTER SIZE (mm)	49	49	49	49	49	55	62	62	49
LENGTH AT ∞ (mm)	38	38	41.5	42.9	64.3	82.5	116.6	182.9	51.3
(inches)	1.5	1.5	1.6	1.7	2.5	3.5	4.6	7.2	2
WEIGHT (grams)	205	190	225	255	315	360	650	910	220
(onces)	7.2	6.7	7.9	9	11.1	12.7	22.9	32.1	7.8

*ALL MIRANDA AUTO EC lenses feature an automatic EE diaphragm mechanism, and Miranda's unique single layer anti-reflection coating (magenta/amber combination type). Additional specifications are available on request from your local Miranda agent.

§ Built-in lens hood.

INTERCHANGING THE VIEWFINDER



A
Remove the viewfinder by turning and holding the **FINDER RELEASE DIAL** forward with one hand and gently sliding the finder back and off with the other hand. Don't force it.

B
Carefully align the grooves on the body with the ridges on the viewfinder, and carefully slide the finder forward. It should automatically lock into place.

STORING AND CARING FOR YOUR MIRANDA RE-II

- DO remove the battery if the camera is to be stored.
- DO store the camera with a drying agent (silica gel), separate from the camera case.
- DO make sure the shutter is not cocked, and the meter cut-off switch is set at OFF.
- DO use a soft blower brush to remove dust on the lens, and foreign matter inside the mirror housing and film transport system.
- DO use a soft dry cloth to clean external metallic parts.
- DO use special lens tissue with pure alcohol or ether only, to clean smudges off the lens or eyepiece.
- DO NOT point the camera directly at, or leave the lens exposed to the sun.



Camera Body #
(on Finder Release Dial)

50mm/f1. Standard Lens #

Dealer's Name

Date of Purchase

**HAVE YOU RETURNED YOUR
GUARANTEE CARD?**

MIRANDA RE-II



ACCESSORIES.... FROM 'A' TO 'Z'

To broaden your photographic horizons, Miranda provides a wide range of photo-optical accessories. Carefully look over the many accessories available to you and your Miranda RE-II, letting your imagination and the experience of your Miranda dealer be your guide. From A to Z, experimentation in the myriad worlds of photography is now yours. Instructions as required are supplied with the accessories.

- A** RUBBER EYECUP — attaches directly to the eyepiece of the standard viewfinder or the VF-3 (D2). It is equipped with an adapter for inserting (B).
- B** EYESIGHT COMPENSATION LENS — available in seven different (diopter) pieces: #1 (+1.5); #2 (0); #3 (-0.5); #4 (-1.5); #5 (-2.5); #6 (+2.5); #7 (+3.5).
- C** PRESCRIPTION EYEPIECES — attaches directly to the eyepiece of the standard viewfinder or the VF-3. Type A (C1) for near or farsightedness, B (C2) for astigmatism.
- D** REFLEX VIEWFINDERS — Miranda unique quick-change interchangeable viewfinders. VF-1 (D1) is a waistlevel finder with a magnified image. VF-3 (D2) is a critical focuser allowing either 5 or 15X magnification by a flip of the prism. VF-4 (D3) is a critical focuser designed especially for micro-photography with a built-in diopter adjustment.
- E** EXTENSION TUBES — (E1) thru (E3) are non-automatic extension tubes of 32, 16, and 8mm respectively. They can be used individually or in any combination with the AU ADAPTER (E4).
- F** AUTO EXTENSION TUBES — the same as above, but retain auto-diaphragm mechanism when such lenses are used.
- G** LENS ADAPTERS — allow you to use Miranda's thin camera body in combination with various types of lenses and accessories. CSF (G1) for standard Contax & Nikon S; CTF (G2) for wide-angle & telephoto Contax & Nikon; LF (G3) for Leica & Canon screw mount; AUTO (G4) with (K) or (L) and (M); NM (G5) for Nikon; XM (G6) for Exakta & Topcon; PM (G7) for Praktica type.
- H** UNIVERSAL HELICOID — for precision focusing and close-ups.
- I** REVERSER RING
- J** SLIDE DUPLICATOR
- K** FOCABELL S II — compact single track folding bellows unit.
- L** FOCABELL A III — deluxe double track precision bellows unit.
- M** DOUBLE CABLE RELEASE — for use with (G4).
- N** CABLE RELEASE
- O** PISTOL GRIP
- P** FRONT LENS CAP
- Q** REAR LENS CAP
- R** BODY CAP
- S** MICROSCOPE ADAPTER
- T** SELF-TIMER — attaches to the cable release socket for adjustable five to eighteen second delay.
- U** RE-II CM CONVERTER — unique Miranda invention converts the open aperture metering system in the Miranda RE-II to a close-down mode.
- V** MIRANDA OPTICAL FILTERS — supplied in plastic case.
- W** MIRANDA COPY STAND — complete with adjustable light arms.
- X** MIRANDA MICROCOPY STAND — with built-in bottom illumination.
- Y** MIRANDA CAMERA CASE MH-115
- Z** MIRANDA CAMERA BAG MH-12