

PRICE 25 CENTS



xl Camera Guidebook

graflex[®] xl
camera systems

The camera
you want today .
with everything
you'll need tomorrow

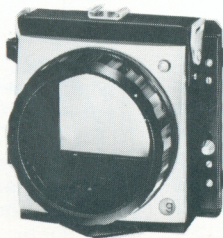
The Graflex xl Camera Systems: photography's first complete and truly flexible system. It gives you virtually unlimited versatility for all photographic assignments . . . sports, news, industrial, portrait, fashion, macrophotography, even photocopying. And your new easy-handling xl

camera body is the cornerstone of the Graflex xl Camera Systems. With this precision-engineered camera as a base, you can work with any combination of xl backs and accessories . . . and you have the flexibility to custom-build the type of camera system you've always wanted.

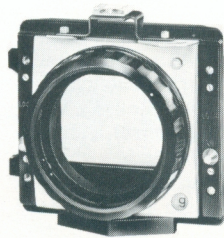
There are three xl camera bodies:



xlrf
(with rangefinder)



xl standard
(without rangefinder)



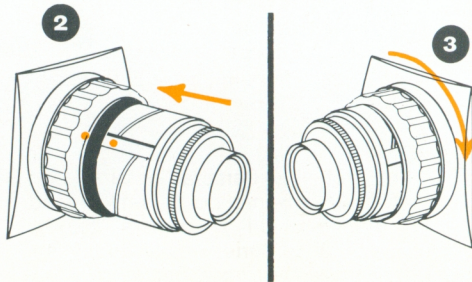
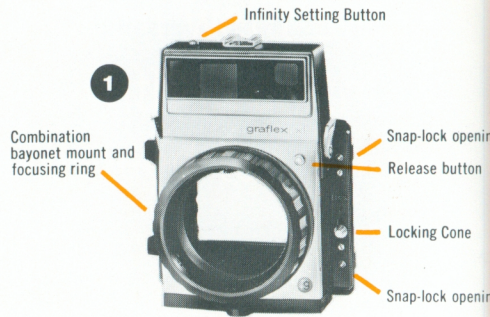
xlsw
(super wide angle body)

Attaching lenses to xl camera bodies

1. Lenses attach to xl camera bayonet mount and focusing ring. Simply rotate the focusing ring counterclockwise until it stops. Depress the release button on the front of the camera body—freeing the focusing ring. Continue to rotate the ring until the interior guides align.

2. To insert the barrel, line up the red dot on the lens-and-barrel unit with the white dot on the focusing ring. In this position, lower the barrel into the focusing ring mount. Gently force the barrel in as far as it will go.

3. Once the barrel is placed in the mount, turn the focusing ring clockwise to secure it. As you turn the ring, you will hear a click. This sound indicates that the barrel is firmly in place on the interior guides of the focusing ring. Continue to rotate the focusing ring clockwise until pressure tells you it will go no farther. The lens is now in the infinity focus position.



Attaching backs and accessories to xl camera bodies

The back of the xl camera body has easy-mounting, snap-lock openings (Figure 1). All xl backs and accessories, including the xl Graflok® back, xl Polaroid* pack film holder, xl RH/50 roll film holder have four corresponding metal posts which fit into these snap-lock openings.

To attach backs or accessories to the xl camera back, align the four metal posts with the four snap-lock openings in the camera body. Press accessory into place on camera back. Secure and lock by sliding the locking cones on both sides of camera downward.

To remove the mounted accessory, reverse the process. Slide the locking cones upward — hold — and remove the accessory.

The Graflex xl Camera Systems offer great new convenience to left-handed photographers. On xl camera bodies, backs and accessories easily attach for either right or left hand operation.

*Reg. T.M. Polaroid Corp.



Some Graflex xl
Camera Systems
Components





xlrf (with rangefinder)

Synchronizing rangefinder & lens

With the lens set at infinity, press down on the precision-sync infinity setting button — at top of camera body. This gives you perfect synchronization between the rangefinder and the mounted lens — throughout the entire focusing range of the lens. And it eliminates the variations incurred within normal camera manufacturing tolerances.

GRAFLEX xl CAMERA SYSTEMS WARRANTY REGISTRATION CARD

xl Camera Body: xlrF Rangefinder Body

SERIAL NO.

xls Standard Body

xlsW Super Wide
Angle Body

Owner's Name _____

Street _____

City _____ State _____ Zip _____

Date Purchased _____ From _____
(DEALER)

Dealer City _____ State _____

Dealer Salesman _____

SYSTEM WILL BE USED FOR:

- Press Wedding Educ.
 Commercial Free Lance Adv. Am.
 Studio Industrial Other

I LEARNED ABOUT THE SYSTEM FROM:

- Dealer Direct Mail Fellow Photographer
 Advertisement in _____
 Article Mention in _____

(PUBLICATION)

MAJOR COMPONENTS OF SYSTEM

PLAN TO PURCHASE LATER
PURCHASED WITH BODY

FILM HOLDERS	RH/8 2¼ x 3¼ 120 Roll	
	RH/10 2¼ x 2¾ 120 Roll	
	RH/12 2¼ x 2¼ 120 Roll	
	RH/20 2¼ x 2¾ 220 Roll	
	RH/50 2¼ x 2¼ 70mm	
	POLAROID* PACK FILM HOLDER	
	GRAFMATIC HOLDER	
	FILM PACK ADAPTER	
	SHEET FILM HOLDER	
	LENSES	180mm f4.8 SONNAR
100mm f3.5 TESSAR		
100mm f2.8 PLANAR		
95mm f3.5 YSAREX		
95mm f2.8 HELIGON		
80mm f2.8 PLANAR		
80mm f2.8 HELIGON		
58mm f5.6 GRANDAGON		
47mm f8 SUPER ANGULON		
MISC.		xl MULTIGRIP
	FOCUSING PANEL	
	QUICK FOCUS LEVER	
	CARRYING CASE	
	CLOSE-UP SPACERS	

*REG. T.M. POLAROID CORP.

FIRST CLASS

PERMIT NO. 480

Sec. 34.9 P.L.&R.

ROCHESTER, N.Y.

BUSINESS REPLY MAIL

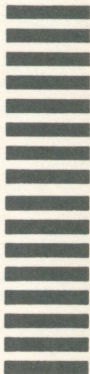
NO POSTAGE STAMP NECESSARY IF MAILED IN U.S.A.

Postage will be paid by—

GRAFLEX, INC.

3750 MONROE AVENUE

ROCHESTER, N. Y. 14603



YOUR GRAFLEX WARRANTY:

To the initial retail purchaser of Graflex merchandise:

Skilled craftsmen have produced the Graflex merchandise you have purchased. They have built into it a level of quality and performance which will insure your enjoyment of its use.

Graflex merchandise is warranted by Graflex and the Graflex Dealer from whom you purchased the same, to be free from faulty materials and workmanship, except as hereinafter set forth. If any time during your first year of ownership, (90 days in the case of any electronic components and parts, including without limitation, tubes and projection lamps), any servicing is necessitated by faulty material or workmanship, it will be provided (or the equipment replaced at our option) without charge except for transportation charges by your nearest Graflex Service facility. Returns for servicing should be made through your Graflex Dealer; or if this is not convenient, the merchandise should be carefully packed in a stiff container with adequate packing (not excelsior). Attach name and address and any *specific instructions* to the package, which should be adequately secured and fully insured.

THIS WARRANTY IS NOT APPLICABLE:

- A. To Graflex merchandise which in our judgment has been damaged, abused, or requires replacement of parts due to wear and tear from use, or for any reason other than faulty materials and workmanship. Such merchandise will be serviced at factory-established rates.
- B. To Graflex merchandise which has been tampered with or serviced by persons other than Graflex approved personnel.
- C. If adaptations or accessories of other than Graflex recommendations have been made or attached.
- D. Where the Graflex merchandise bears serial numbers, if it has not been registered with Graflex by means of the attached registration card or appropriate substitute within 60 days from date of purchase.

No liability is assumed for film which is damaged or is unsatisfactory for any reason (due to equipment malfunction or otherwise), nor is Graflex, Inc., obligated to replace such film.

EXCEPT AS EXPRESSLY SET FORTH HEREIN NO OTHER WARRANTIES ARE MADE BY GRAFLEX OR YOUR GRAFLEX DEALER WITH RESPECT TO GRAFLEX MERCHANDISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES AS TO FITNESS FOR A PARTICULAR PURPOSE AND OF MERCHANTABILITY. No liability is assumed for expenses or damages resulting from interruptions in operation of equipment, nor for incidental or consequential damages of any nature.

In order that we may be able to pursue our continuing program of product improvement, Graflex reserves the right to make changes in design, or add improvements to any product without incurring any obligation to include such revisions in equipment previously produced.

The warranties hereinbefore expressly set forth are made only to the *original retail purchaser*. Graflex's liability under the within warranty is limited to repair or replacement as hereinbefore provided.

SERVICE FACILITIES:

Graflex Approved Service Stations are conveniently located in all major cities. Contact your Graflex Dealer or write to the Manager, Graflex Service Sales, for the address of the Graflex Approved Service Station nearest you.

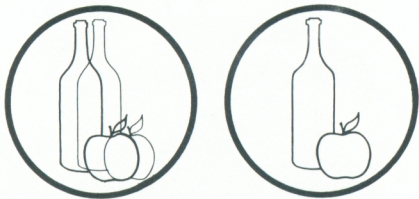
Record below such serial numbers as your equipment bears for your insurance file and future reference.

Serial Nos.....

GRAFLEX, INC., Rochester, N. Y. 14603

Rangefinder Focusing

As you begin to focus on the subject, it appears as a double, overlapping image. To bring the subject into exact focus, rotate the focusing ring until you see only one, crisp, single image.

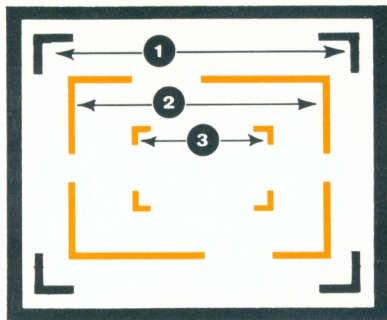


Areas of View

For the 80, 100 and 180mm lenses, the areas of view provided by the xl rangefinder represent 90% of the actual picture size—at infinity.

As you look through the rangefinder, you see three areas of view:

1. The large, outside, floating-line frame. This area indicates the ideal format size for the 80mm lens.



2. The middle floating-line frame. This represents the ideal format area for the 100mm lens.

3. The small, inside, floating-line frame. This is the ideal format area for 180mm lenses.

Parallax

The xl camera automatically corrects parallax in all areas of view, except the full, unframed area. In this area, used for 80mm lenses, it is suggested that 180mm bright view frame be used to center the subject.

xl standard **(without rangefinder)**

The adaptable, custom-designed xl standard is ideally suited for tripod use. But, with the xl sportsfinder attached, it suddenly becomes an on-the-go, easy-to-use, top-performing hand held camera.

Attaching lenses, backs and accessories

For the xl standard, the method of attaching lenses, backs and accessories is identical to that used for the xlr (with rangefinder).

Focusing

To focus the xl standard, simply estimate the distance from camera to subject. Then turn the focusing ring until the white index mark aligns with the footage mark on the lens barrel.

Or you can focus with the ground glass in one of the three xl focusing panels.



xlsw (super wide angle body)

The unique and versatile xlsw, designed expressly for wide angle photography, is used with the xl 47mm extreme wide angle lens. With the addition of spacers, lenses, backs and accessories, you can easily and successfully use the xlsw for all kinds of photographic assignments—including extreme close-up photography.

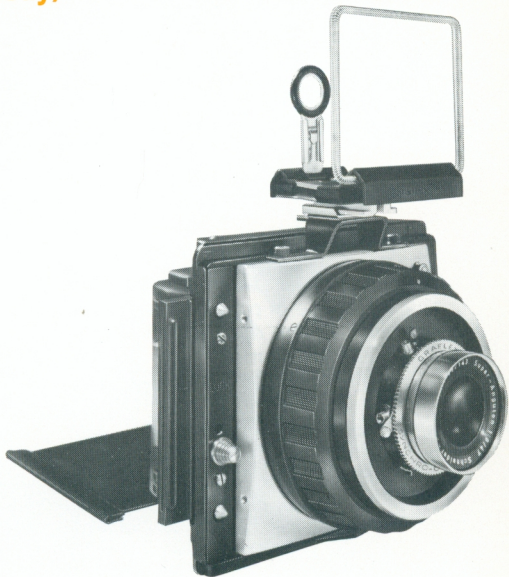
Attaching lenses, backs and accessories

For the xlsw wide angle camera, use the same method of attaching barrel-lens units and backs or accessories as described for the xlr (with rangefinder).

Focusing

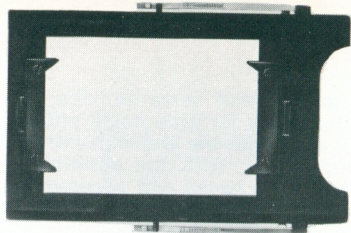
To focus the xlsw, simply estimate the distance from camera to subject. Then turn the focusing ring until the white index mark lines up with the footage mark on the lens barrel.

Or you can focus with the ground glass in one of the three xl focusing panels.

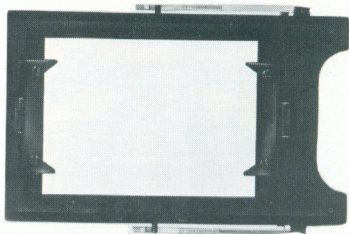


xl focusing panels

1. Focusing panel with Ground Glass. Ideal for general photographic work with magnifier.

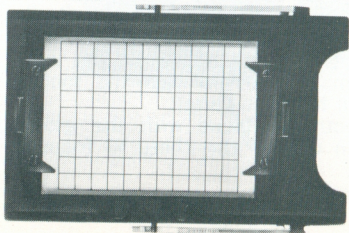


2. Focusing Panel with Fresnel lens. Excellent for use in poorly lighted conditions. Gives bright, clear details even at the edges of the frame.



3. Focusing panel with Perspective Grid Lines. For wide angle, sharp angle and perspective shots. Eliminates guesswork in checking alignments.

For more complete information about xl focusing panels, see the xl Focusing Panel Guidebook.



graflex[®]xl
camera systems

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