

KODAK TELE-EKTRALITE

600 CAMERA



Sensalite TM
flash



WELCOME TO THE FAMILY OF KODAK CAMERA OWNERS!

If you have questions about using your camera after reading this manual, please write to Eastman Kodak Company, Photo Information, Department 841S, Rochester, New York 14650. The warranty and instructions for obtaining service for your camera are printed at the back of this manual.

SPANISH INSTRUCTIONS AVAILABLE

INSTRUCCIONES EN ESPAÑOL

Si desea obtener las instrucciones en español para este producto Kodak, copie en imprenta: "KODAK TELE-EXTRALITE 600 Camera en español." Escriba luego su nombre y domicilio. Envíe la información a: Eastman Kodak Company, Photo Information, Department 841, Rochester, New York 14650.

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Fold out this page for reference
as you read the manual.



Note: For your convenience, flash distances and focus ranges have been placed inside the cover/handle.

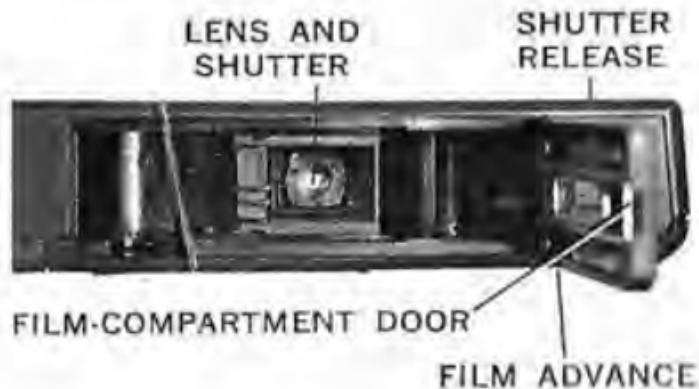
WARNING: To avoid electrical shock, do not attempt to take this camera apart. See page 23.

Equipment subject to minor appearance changes.

Water spray, sand, dropping, etc can damage the shutter. **Check the camera shutter opening every time before you insert a film cartridge.**

1 Push the FILM ADVANCE.

2 Open the FILM-COMPARTMENT DOOR and aim the camera at a bright object — lamp, sky, etc.



3 While looking through the back of the empty camera, press the SHUTTER RELEASE.

4 You should see a flicker of light as the SHUTTER opens and closes. Try this procedure a couple of times if you're not sure of seeing the shutter opening and closing.

If the shutter is not opening and closing, read **Service for Your Camera**, page 17.

Before you take any especially important pictures, expose a cartridge of film and have it processed to check the camera and your operation of it. Take pictures outdoors, as well as indoors with flash.

BASIC OPERATING INSTRUCTIONS



ATTACH the supplied WRIST STRAP to the camera by snapping the strap CLIP onto the WRIST-STRAP POST.



HOLD the COVER/HANDLE and pull the strap to unlatch and open the cover/handle to its fully open position.



BATTERY-COMPARTMENT COVER



BATTERY COMPARTMENT

INSTALLING THE BATTERY

Your camera uses one 9-volt ALKA-LINE battery only to power the electronic flash exposure system. Other types of 9-volt batteries such as Carbon-Zinc or NiCad batteries will not provide as many flashes.

To install the battery, slide the BATTERY-COMPARTMENT COVER off, in the direction of the arrow. Slide the battery into the BATTERY COMPARTMENT with the + and - terminals in the positions shown in the compartment. Slide the cover back onto its track on the camera. Periodically, clean the battery contacts on the battery and in the camera.

CHECKING THE BATTERY

Hold your finger over the LIGHT SEN-

sor. Gently touch the small orange **SENSALITE FLASH BUTTON** on the **SHUTTER RELEASE**. Unless the battery is dead, the flashing red light (located at rear viewfinder) will come on. If the flashing green light does not appear in the **VIEWFINDER** within 30 seconds, replace the battery. For maximum battery life, store the camera with the cover/handle closed. If the camera has been stored for a month or longer, the time to charge the unit the first time may be longer than 30 seconds. Read **VIEWFINDER** and **PICTURE-TAKING** on pages 6 and 11 for detailed information.

Note: To conserve battery life, close the cover/handle when you finish taking pictures.

FRONT VIEW OF CAMERA





FILM-COMPARTMENT DOOR

DOOR LATCH



SHUTTER
RELEASE

OPEN the FILM-COMPARTMENT DOOR by sliding the DOOR LATCH toward the viewfinder. Don't force the door beyond its full open position.

INSERT a film cartridge into the camera. Close the door and slide the latch in (away from the viewfinder) until it snaps into position.



FILM
ADVANCE

PUSH the FILM ADVANCE repeatedly until the first exposure locks into place. You may have to press the SHUTTER RELEASE before advancing the film. Always operate the film advance until it locks, in order to take the next picture.

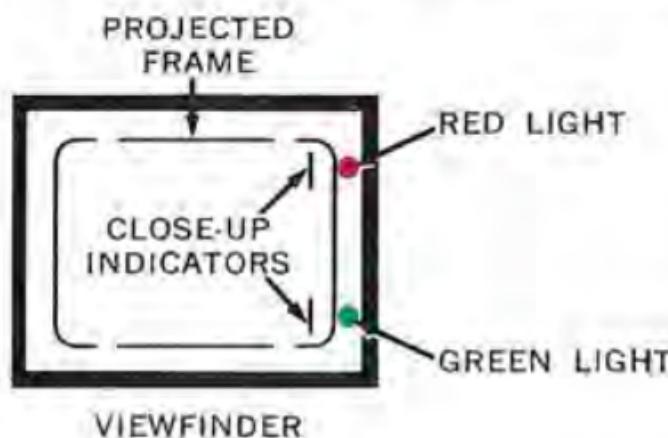


WINDOW

YOU will see arrows and numbers in the WINDOW as you advance the film. The numbers serve as an exposure counter.

VIEWFINDER

Following is a description of the features you'll find in the VIEWFINDER.



Use the PROJECTED FRAME to compose your pictures. However, at close distances (4 to 7 feet), the camera lens and the viewfinder see slightly different areas. To adjust for this effect called parallax, center your subject between the CLOSE-UP INDICATORS

and the opposite side of the projected frame.

When the small orange SENSALITE FLASH BUTTON on the top of the shutter release is depressed, the electronic light meter in the camera is actuated and the viewfinder lights will display one of the following conditions:

RED LIGHT (WAIT)—Flashing light means the light level is too low so that you need to use flash, which has begun charging.

GREEN LIGHT (READY)—Flashing light means that the flash unit is ready.

A continuously glowing green light means that there is enough light in the scene to take a picture without flash.

In summary: If you see a red light, wait. If you see a green light, the camera is ready for picture-taking.

The continuous or flashing green light will stay on approximately 15 seconds after you remove your finger from the orange button. The lights will be reactivated whenever you press the orange button again.

When the **LENS SELECTOR** is set at **TELE**, symbols will appear in the top of the viewfinder. Read **FOCUSING**.

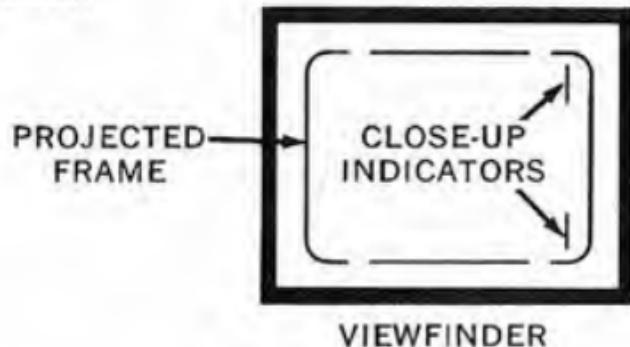
When taking pictures, make sure that the cover/handle is at the fully open position and your hand is away from the flash reflector.



FOCUSING

Set the LENS SELECTOR/FOCUS WHEEL to NORM for normal picture-taking or to TELE for telephoto picture-taking.

- **NORM Setting**—No focusing required. Stay at least 4 feet from your subject. Frame your subject within the PROJECTED FRAME of the VIEWFINDER. Grasp the camera as shown on page 12; keep your fingers and wrist strap away from the front of the camera. Gently squeeze the shutter release.



LENS SELECTOR/
TELE-FOCUS WHEEL



NORM



Subject
with
lens set
at NORM
(22 mm)

- **TELE Setting**—Focusing is required. Frame your subject within the PROJECTED FRAME of the VIEWFINDER. Then move the FOCUS WHEEL on the top of the camera until it is at the symbol most like what you see within the projected frame.

As you move the pointer, you will feel it drop into a detent approximately halfway along the scale. This detent is a universal setting of 8.5 feet for quick focusing from approximately 6.5 to 12.5 feet.

Important: Be sure to refocus your camera each time you move toward or away from your subject (camera-to-subject distance).



LENS SELECTOR/
TELE-FOCUS WHEEL



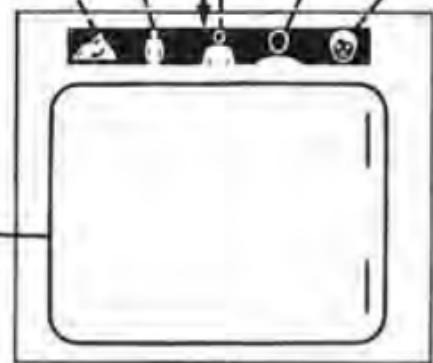
Subject at same
distance with
lens set
at TELE
(44 mm)

TELE-FOCUS DISTANCE IN FEET

DEPTH OF FIELD	25 to INFINITY	10 to 50	6.5* to 12.5	4.5 to 7	3.5 to 4.5
SUBJECT DISTANCE	INFINITY	17	8.5*	5	4
FOCUS SYMBOL	MOUNTAIN	HEAD AND KNEES	HEAD* AND CHEST	HEAD AND SHOULDERS	HEAD

* Universal Setting—
See page 11.

TELE-FOCUS
CONTROL



- **Universal Setting**—The universal setting focuses the TELE lens at 8.5 feet. You have a focus range from approximately 6.5 to 12.5 feet. This setting is suggested when you find that you are unable to use the focus symbols properly. For example, you may be photographing people moving about in a crowd, photographing animals, or moving from scene to scene without much time for focusing, etc.

PICTURE-TAKING— INDOORS OR OUTDOORS

When you are using a film like KODACOLOR II Film outdoors, your subjects should be in bright or hazy sunlight (with the sun behind you).

If you use a high-speed film such as KODACOLOR 400 Film outdoors, you

can take pictures in daylight ranging from moderately overcast to bright sunlight to heavy overcast or light shade. This film can also extend the distance for your flash picture-taking.

With a high-speed film and the fast shutter speed of your camera, you should have no trouble capturing action shots in many of your scenes.

To take a picture, simply:

- 1 Open the camera cover by pulling on the wrist strap.
- 2 Look at your subject through the viewfinder.
- 3 Gently depress the ORANGE BUTTON.

RED LIGHT (WAIT)—A flashing red light means the light level in the scene is low and the flash is charging. Within 3 to 30 seconds (depending on the condition of the

battery), the **GREEN LIGHT** will flash indicating that the camera is ready for a flash picture.

GREEN LIGHT (READY)—If you see a continuous green light, the camera is ready to take pictures without flash.

If you point the camera at a brightly lighted scene while either the flashing red or flashing green light is on, the continuous green light will come on indicating flash

is not needed and the flash will not fire.

4 Check to see that your subject is framed in the viewfinder. Make sure that the camera-to-subject distance is correct if you are taking flash pictures. Refer to the table on page 13. Hold the camera steady and depress the shutter release. A flash picture can be taken as soon as the green light flashes again—within a few seconds.

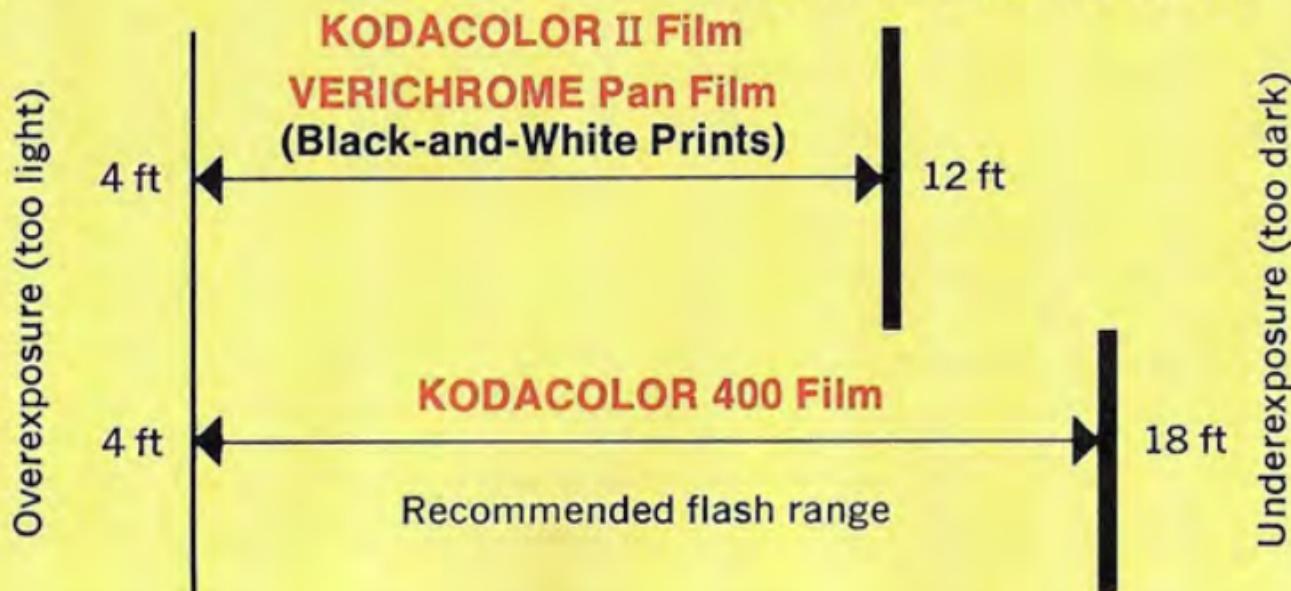


FLASH-TO-SUBJECT DISTANCE TABLE

Flash-to-subject distance is very important for proper flash exposure. You can take flash pictures as close as 4 feet. But you must stay within the maximum flash range for your film.

For maximum flash range, wait 10 seconds after green light (READY) blinks.

To minimize side shadow, turn up room lights and keep your subject as far from a wall as possible or use the camera in the vertical position.



MINIMIZING EYE REFLECTIONS

When you take flash pictures, people's eyes sometimes appear red (white in black-and-white pictures). The red is produced by reflections from the retina of the eye. This effect is especially noticeable when a young subject who has a light complexion and blue eyes is in a dimly lighted place.

Here are two ways in which you can minimize these red reflections: (1) turn on additional room lights, and (2) have your subject look directly at one of the room lights. This will cause the pupils of the eyes to contract slightly, reducing the reflection.

MONOGRAM

On the back of the camera, there are three RECESSES for your initials. Just peel your initials from the sheet supplied with the camera and put them into the appropriate recesses.



UNLOADING THE CAMERA AND FILM PROCESSING

When you have taken the last picture operate the film advance (about 3 full strokes) until plain dark paper appears in the camera window—you will

feel a stiff resistance on the advance. **Do not force the advance any farther.** Open the film-compartment door and remove the cartridge. **If you open the cartridge you'll ruin your pictures.**

For best results, have your exposed film processed as soon as possible. Ask your photo dealer to arrange processing by Kodak or another laboratory, or use the appropriate KODAK Mailer, available from your dealer.

Color prints from KODACOLOR Films (110-size) are usually $3\frac{1}{2}$ x $4\frac{1}{2}$ inches. Kodak Processing Laboratories return KODACOLOR Film negatives (strips of 4) with an attached form for ordering extra prints or enlargements. When you order extra prints or enlargements, always return the uncut strip of 4 negatives.

CAMERA CARE

Clean the lenses by blowing away any dust or dirt. Then breathe on the lenses to form a mist, and gently wipe the mist away with a soft cloth (or use KODAK Lens Cleaning Paper moistened with KODAK Lens Cleaner). Keep the cover/handle closed when you are not using the camera.

Important: Never wipe or rub a dry lens. Always form a visible mist before wiping the lenses with a soft, clean, lintless cloth. Never use solvents or any solutions not designed for cleaning camera lenses, and never use chemically treated tissues intended for eyeglasses.

KODAK FILMS FOR YOUR CAMERA (Use 110-size film cartridges.)

Color Prints	<p>KODACOLOR II Film (C110) is a general-purpose picture-taking film.</p> <p>KODACOLOR 400 Film (CG110) is a high-speed film that can be used in light conditions ranging from bright sunlight to heavy overcast or light shade. Its speed lets you stop action at high shutter speeds and extend the distance range of your flash pictures.</p>
Black-and-White Prints	KODAK VERICHROME Pan Film (VP110) is for general picture-taking.

SERVICE FOR YOUR CAMERA

If you have questions about your camera or have difficulty in using it, carefully reread the section of this instruction manual which pertains to the questions you have. **ESPECIALLY** be sure to consult the **Troubleshooting Guide**, which begins on page 19. Since many cameras that are returned for repair do not need service, please carefully review this information.

If you believe your camera does need service—

Take your camera with the battery and several sample negatives and prints to your photo dealer.

OR

Take your camera, battery, negatives, and prints to a Kodak Consumer Center if one is located near you. The addresses are listed on pages 25 through 27.

OR

Send a letter describing the problem to Eastman Kodak Company, Department 841S, 343 State Street, Rochester, New York 14650. Please enclose sample negatives and prints with your letter to aid us in helping you, and be sure to specify the name of your camera. We will quickly provide you with help and return your negatives and prints.

If your camera requires repair, you may send it through your photo dealer or directly to one of our Service Centers listed on the back cover. Follow the steps below in packing your camera.

Packing Instructions

1 Include a note with your camera giving all details: date and place of purchase and a description of the problem, as well as battery and sample negatives and prints.

If possible, include a telephone number where you or another person aware of the problem can be reached

between the hours of 8:00 a.m. and 5:00 p.m.

2 Use a sturdy carton that is large enough for you to surround the camera completely with packaging material, such as crumpled newspaper.

3 Securely fasten the carton with tape. Clearly write the address of the Service Center and your name and address on the top and bottom of the carton.

4 Remember to insure the equipment to replacement value.

TROUBLESHOOTING GUIDE

Taking pictures with your camera is easy and enjoyable. If occasionally one of your pictures isn't all that you expected, refer to the chart below.

What Happened	Probable Cause	Correction
Pictures too dark	Not enough daylight on subject	Distant subjects should have open shade, overcast, or brighter lighting. Use a high-speed film such as KODACOLOR 400 Film for low-light conditions or for extending flash range (page 13).
	Fired flash before unit was ready	Wait for flashing green light (page 6). For maximum flash range, wait 10 seconds after green light (READY) blinks.
	Cover/handle or hand blocking flash	Keep hands and cover/handle away from flash.

What Happened	Probable Cause	Correction
No picture or partial picture	Fingers, or wrist strap in front of lens	Keep both hands and wrist strap behind front of camera.
Pictures dark	Flash too far from subject	Read Flash-to-Subject Distance (page 13).
Flash pictures too light	Subject too close to flash	Subject must be at least 4 feet from flash (page 13).

What Happened	Probable Cause	Correction
Pictures blurred	(a) Camera movement (b) Subject movement (c) Too close to subject (d) TELE lens not focused	(a) Use high-speed film, such as KODACOLOR 400 Film (page 16). Hold camera steady; gently squeeze shutter release. (b) Use high-speed film, such as KODACOLOR 400 Film. Subject must be stationary or moving very slowly toward or away from camera. (c) Keep at least 4 feet from subject. (d) Focus TELE lens (page 9).

What Happened	Probable Cause	Correction
Flare in flash pictures	Hands or fingers too close to lens	Keep both hands behind front of camera.
Recycling time longer than 30 seconds	Battery weak; wrong type battery Battery terminals dirty	Replace battery (page 2). Clean battery contacts.
Short battery life	Battery weak when purchased; wrong type battery	Check when you buy it.
Foggy, misty pictures	Dirty camera lens	Clean lens (page 15).
Subject not centered or partly cut off	Improper use of viewfinder	Frame subject in viewfinder (page 6).

What Happened	Probable Cause	Correction
Red reflections in subject's eyes	Flash reflected from subject's eyes to camera lens	Turn on all room lights. See Minimizing Eye Reflections (page 14).
Red or green lights won't blink or unit won't flash	Weak battery; wrong type battery Battery inserted incorrectly	Replace battery (page 2). Insert correctly (page 2).

WARNING: Do not disassemble or attempt to repair this camera. The high voltages associated with any electronic flash devices will, under certain conditions, present a shock hazard.

TECHNICAL SPECIFICATIONS

Film Advance	Single-stroke thumb advance on bottom of camera
Lens	3-element LUMENIZED Lenses: Fixed focus 22 mm f/8 lens (NORM), 4 feet to infinity Continuous focus 44 mm f/8 lens (TELE), 4 feet to infinity —with universal deterit at 8.5 feet
Film Size	110 cartridge, 12- or 24-exposure, producing 13 x 17 mm negatives
Shutter	Mechanical: ISO 200/ASA 200 and above: 1/250 second ISO 125/ASA 125 and below: 1/125 second
Electronic Flash (built-in)	Power source—one 9-volt alkaline battery Battery life—approximately 80 to 130 flashes Recycle time—3 seconds with fresh battery Flash duration—1/1000 second
Viewfinder	Dual magnification with focus symbols, parallax marks, and indicator lights

KODAK CONSUMER CENTERS

Kodak Consumer Centers offer photographic information on Kodak equipment and film and can perform minor adjustments. The centers will advise you on the nature of serious problems and the cost of repairs. Addresses and telephone numbers may change. For up-to-date information consult the Yellow Pages of your telephone directory under *Photographic Equipment and Supplies*.

ALABAMA

720 S. 37th Street
Birmingham 35222
(205) 322-2401

CALIFORNIA

1017 N. Las Palmas Avenue
Los Angeles 90038
(213) 465-7151

925 Page Mill Road
Palo Alto 94304
(San Francisco area)
(415) 493-7200

3250 Van Ness Avenue
San Francisco 94109
(415) 928-1300

9100 Alcosta Boulevard
San Ramon 94583
(San Francisco area)
(415) 828-7000

12100 Rivera Road
Whittier 90606
(Los Angeles area)
(213) 685-5610

COLORADO
One Inverness Dr. E.
Englewood 80112
(Denver area)
(303) 779-3324

FLORIDA

1001 Ponce de Leon Boulevard
Coral Gables 33134
(Miami area)
(305) 445-0511

2715 Atlantic Boulevard
Jacksonville 32207
(904) 399-4430

GEORGIA

5315 Peachtree Industrial
Boulevard
Chamblee 30341
(Atlanta area)
(404) 455-0123

HAWAII

1065 Kapiolani Boulevard
Honolulu 96814
(808) 531-6565

1122 Mapunapuna Street
Honolulu 96819
(808) 833-1661

ILLINOIS

1901 West 22nd Street
Oak Brook 60521
(Chicago area)
(312) 654-5542

INDIANA

4760 Kingsway Drive
Indianapolis 46205
(317) 251-3159

KANSAS

7301 Frontage Road,
Interstate 35
Shawnee Mission 66204
(Kansas City area)
(913) 831-4020

LOUISIANA

Pontchartrain Bldg.
Suite 100
3939 N. Causeway Blvd.
Metairie 70002
(New Orleans area)
(504) 837-3566

MARYLAND

7115 Ambassador Road
Baltimore 21207
(301) 265-5400

MASSACHUSETTS

480 Cochituate Road
Framingham 01701
(Boston area)
(617) 875-0979

MICHIGAN

21600 Greenfield Road
Oak Park 48237
(Detroit area)
(313) 967-1600

MINNESOTA

2412 Nicollet Avenue
Minneapolis 55404
(612) 870-3456

MISSOURI

1853 Craig Road
St. Louis 63141
(314) 434-4330

NEBRASKA

7262 Mercy Road
Omaha 68124
(402) 393-4000

NEW JERSEY

P.O. Box 1334, Route 130
Dayton 08810
(212) 879-1500 and
(201) 329-6600
16-31 Route 208
Fair Lawn 07410
(201) 797-0600

NEW YORK

1133 Avenue of the Americas
New York City 10036
(212) 930-7565
800 Lee Road
Rochester 14650
(716) 458-6143

NORTH CAROLINA

77 Executive Center
Bldg. 5311, Suite 80
Charlotte 28232
(704) 525-5090

OHIO

14 Knollcrest Drive
Cincinnati 45237
(513) 948-5728
4545 West 160th Street
Cleveland 44135
(216) 267-0300

OKLAHOMA

3015 United Founders
Boulevard
Oklahoma City 73112
(405) 848-7803

OREGON

5410 S.W. Macadam Avenue
Portland 97201
(503) 222-3831

PENNSYLVANIA

425 Maryland Drive
Ft. Washington 19034
(Philadelphia area)
(215) 242-3200

2857 Banksville Road
Pittsburgh 15216
(412) 563-6733

TENNESSEE

2225 Union Avenue
Memphis 38104
(901) 278-5900

TEXAS

2800 Forest Lane
Dallas 75234
(214) 241-1611

610 Gray
Houston 77002
(713) 820-7711

Suite 112

5815 Callaghan Road
San Antonio 78228
(512) 684-5934

UTAH

University Club Building
Suite 100
136 East South Temple Street
Salt Lake City 84111
(801) 363-5713

VIRGINIA

1555 Wilson Blvd.
Arlington 22209
(Washington, D.C. area)
(703) 527-2000

WASHINGTON

9675 Sunset Highway
Mercer Island 98040
(Seattle area)
(206) 232-7770

FULL 3-YEAR WARRANTY

This KODAK TELE-EXTRALITE 600 Camera is warranted by Kodak to function properly for three years from the date of purchase. Kodak makes no other express warranty for this camera. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Carefully read and follow the instructions in the manual to get good results and prevent damage to your camera.

If this Kodak camera does not function properly within three years after purchase, Kodak will repair it without charge. If Kodak is unable to repair it, the option of replacement or refund of the purchase price will be available. These remedies are not available if the camera is damaged by misuse or other circumstances beyond Kodak's control, or if the improper functioning of the camera is caused by failure to follow the care and operating instructions in the manual.

Repair, and the option of replacement or refund in the event that Kodak is unable to repair the camera, are Kodak's only obligations. Kodak will not be responsible for any consequential or incidental damages resulting from the sale or use of this camera, even if loss or damage is caused by the negligence or other fault of Kodak. (Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.)

For assistance in using this camera, contact a dealer in Kodak products or one of the Kodak Consumer Centers located in the United States. For service on this camera, return it through a dealer in Kodak products, one of the Kodak Equipment Service Centers listed on the back cover, or a Kodak Consumer Center. Enclosing a note with the camera giving details of the problem and date of purchase will help Kodak return it promptly.

SERVICE FACILITIES

If your Kodak camera should require service, complete facilities are provided at the following Kodak Equipment Service Centers. For fastest service, send your camera to the Service Center nearest you.

9100 Alcosta Blvd., San Ramon, California 94583

12100 Rivera Road, Whittier, California 90606

5315 Peachtree Industrial Blvd., Chamblee, Georgia 30341

1122 Mapunapuna Street, Honolulu, Hawaii 96819

1901 West 22nd Street, Oak Brook, Illinois 60521

Route 130, P.O. Box 1334, Dayton, New Jersey 08810

800 Lee Road, Rochester, New York 14650

2800 Forest Lane, Dallas, Texas 75234

Consumer Markets Division



Rochester, New York 14650

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and LUMENIZED are trademarks.

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