

How To Use the KODAK MEDALIST

VR35

Camera



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Congratulations! And thank you for purchasing the KODAK MEDALIST VR 35 Camera. Your camera is one of the most advanced compact 35 mm cameras available today. It lets you take pictures anywhere, in almost any kind of light. Its many features include: automatic infrared focusing with prefocus, built-in Sensalite flash, fill flash and flash defeat, automatic programmed exposure control, automatic film-speed setting, automatic loading, automatic film advance and rewind, self-timer, and dateback.

This manual will help you take good pictures. Before you use your camera, please read these instructions, and then follow them closely. If you have questions about your camera, please write to Eastman Kodak Company, Photo Information, Department 841, Rochester, New York 14650. The warranty and instructions for obtaining service are at the back of this manual.

Before you take any especially important pictures, take some test pictures and have the film processed. This will let you check your camera and your operation of it.

TECHNICAL SPECIFICATIONS

TYPE: 35 mm compact infrared auto-focus camera with auto film load, auto wind, auto rewind and built-in flash system.

PICTURE FORMAT: 24 x 36 mm.

LENS: 35 mm f/2.8, aspheric, 4-element all-glass lens.

VIEWFINDER: Bright frame with AF frame, parallax marks, focus confirmation symbol, underexposure warning.

SHUTTER: Programmed electronic shutter with automatic lock system at low voltage.

EXPOSURE METER: Fully automatic exposure system.

ISO RANGE: Auto Setting: (DX) 100, 200, 400, and 1000.

FOCUSING: Infrared automatic focusing system with prefocus capability.

FOCUSING RANGE: 3 ft (1 m) to infinity.

MINIMUM AF DISTANCE WARNING: Built-in with flashing distance symbol.

FILM LOADING: Automatically loads film and advances to the start position when the shutter release is depressed after the camera back is closed.

FILM WINDING: Automatic power winder for single-frame advance and continuous exposure.

FILM REWINDING: Automatic rewind at end of roll; by sliding rewind latch prior to end of roll.

FILM COUNTER: Automatically indicates number of exposures taken and resets to "S" when camera back is opened.

SELF-TIMER: 10-second electronically controlled with flashing red LED, cancellable.

FLASH UNIT: Built-in electronic flash; included as part of the cover flash.

RECYCLING TIME: Approximately 1.7 seconds.

EFFECTIVE FLASH DISTANCE: 3-15 ft (1-4.6 m) ISO 100. 3-20 ft (1-6.1 m) ISO 200. 3-30 ft (1-9.1 m) ISO 400 and 1000.

POWER SOURCE: One 9-volt Ultralife lithium power pack. A 9-volt alkaline battery can be used in an emergency, but with reduced battery life.

POWER PACK LIFE: Approximately 100 24-exposure rolls (2 of every 3 shots using flash) with 9-volt Ultralife lithium power pack.

DATE-BACK: Clock is powered by one 3-volt battery.

OTHER FEATURES: Cartridge window, dust barrier, tripod screw, neckstrap, fill-flash, and flash defeat.

DIMENSIONS: $5\frac{9}{16} \times 2\frac{7}{8} \times 2''$
(141.5 x 73 x 50 mm) (L x H x W)

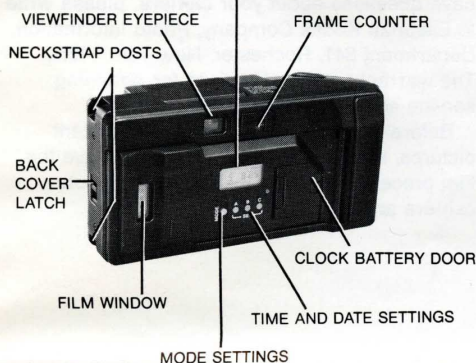
WEIGHT: Approximately 12 ounces.

**Photographic Products Group
Eastman Kodak Company
Rochester, New York 14650**

FILL-FLASH/FLASH-DEFEAT SWITCH



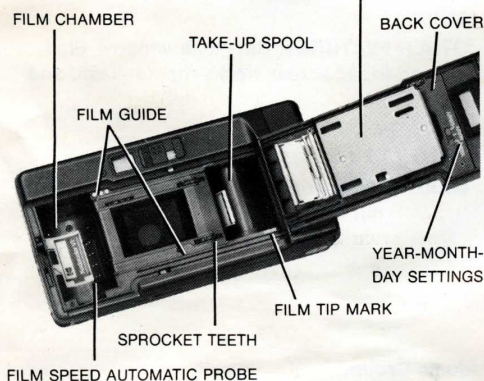
DATE-BACK CLOCK



TRIPOD SOCKET



FILM PRESSURE PLATE



BASIC OPERATION

Power Source

Your new 35 mm camera contains a 9-volt Ultralife lithium power pack that powers the electronic flash, the automatic focus, and the automatic exposure control. It is covered by the full five-year warranty. Once the warranty period has expired, a new 9-volt lithium power pack can be obtained through your photo dealer. See the Warranty for details. If your camera won't operate, see the Troubleshooting Guide and the Warranty.

Note: As temperature decreases, especially below 0°C (32°F), power-pack performance declines. Keep power pack warm under these conditions.

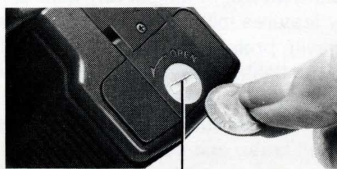
Using a new lithium power pack at normal temperatures, you can shoot:

- Approximately 100 24-exposure rolls of film, with two of every three pictures using flash.

Replacing the Power Pack

In an emergency, you can use a regular 9-volt alkaline battery but with reduced battery life.

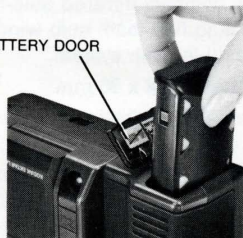
1. Using a coin, turn the BATTERY DOOR LOCK counterclockwise to unlatch it.



BATTERY DOOR LOCK

2. Insert the power pack as shown below, or insert the 9-volt battery with the large and small contacts fitting into their proper compartments using the diagram on the battery compartment as your guide.
3. Close the BATTERY DOOR and latch into place.

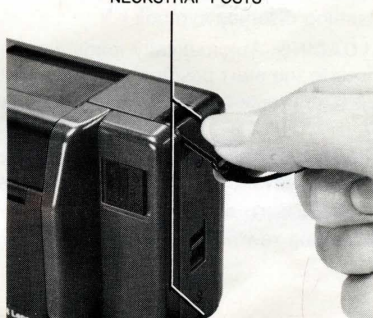
BATTERY DOOR



Using the Neckstrap

Clip the neckstrap onto the NECKSTRAP POSTS on the side of the camera.

NECKSTRAP POSTS



Loading the Film

Always load and unload your film in subdued light. Never load in bright sunlight.

1. Slide down the BACK COVER LATCH to open the BACK COVER.

BACK COVER
LATCH

BACK COVER

2. Place the film cartridge into the FILM CHAMBER so that the film leader points towards the TAKE-UP SPOOL.
3. Lay the leader across the back and make sure that the end of the film leader is lined up with the yellow strip under the take-up spool and the perforations are engaged with the SPROCKET TEETH.

TAKE-UP SPOOL

SPROCKET TEETH

4. Close the back cover. Then lift the cover flash and press the SHUTTER RELEASE. The film will automatically wind and stop when the frame counter reaches "1." If the green FILM RUN indicator blinks while the camera is winding film, the film is properly loaded. If it doesn't blink, reload the film.

Film-Speed Automatic Setting

All Kodak films today are DX-coded. The camera reads this coding on the film magazine and automatically sets the film speed. For best results, use films with the following ISO speeds for film-speed automatic setting: ISO 100, 200, 400, and 1000.

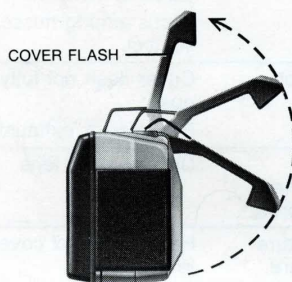



If a non-DX-coded film is loaded, the film-speed is automatically set at ISO 100.

TAKING PICTURES




Using Auto-focus

1. Open the cover flash to its fully open position. The camera is on and the flash will be fully charged within 2 seconds.



2. Look through the VIEWFINDER and position your subject within the luminous frame. The area that you see within the luminous frame will be included in your picture. The auto-focus frame marks  in the viewfinder indicate where the camera auto-focus is aimed.



3. Holding the camera firmly in both hands, gently press the shutter release halfway. The camera will automatically focus. One of the focus confirmation symbols for near () , mid () , and far () distances (red) will glow. The symbol should correspond to the type of picture you are taking, i.e., mountains = far distance. If the portrait confirmation symbol **blinks**, the subject is too close to be focused.



Horizontal




Vertical

4. Press the shutter release fully.
 - You may take a rapid succession of pictures by depressing and holding the shutter release. This will allow you to take a picture approximately once every 2 seconds.

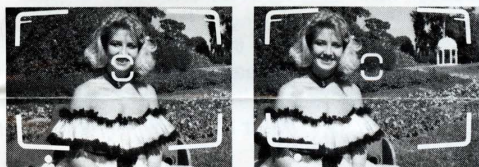
Occasionally, there are situations which confuse auto-focus systems. When photographing the following subjects, prefocus on another object at approximately the same distance from the camera, see Prefocusing.

- Subjects behind glass.
- Small objects which cannot fill the auto-focus frame marks.
- Glossy surfaces, such as a car body.
- Water surfaces with strong reflections.
- Surfaces with almost no light reflection, such as dark hair.
- Subjects without a definite mass, such as flame or smoke.
- Very bright light sources.

Prefocusing (Focus Lock)

This feature should be used when the main subject(s) is located outside of the auto-focus frame marks . For such times, first focus on the main subject by placing the subject within the auto-focus frame marks in the center of the viewfinder. Depress the shutter release halfway until the red distance confirmation symbol glows. While holding the shutter release in the halfway position and keeping the symbol lit, recompose your subject(s) in the viewfinder. Depress the shutter release fully.

Prefocus may be cancelled by removing your finger from the shutter release.




Prefocus on your subject . . . then recompose the picture.

Taking Flash Pictures

In dimly lighted places—living rooms, outdoors in deep shade, at night—the flash will automatically fire when needed. The flash distance range is approximately 3 to 15 feet using ISO 100-speed film, 3 to 20 feet using ISO 200-speed film, and 3-30 feet using ISO 400- and 1000-speed films.

Flash-To-Subject Distance Table

ISO 100 speed film

3 ft  15 ft

ISO 200 speed film

3 ft  20 ft

ISO 400, 1000 speed film

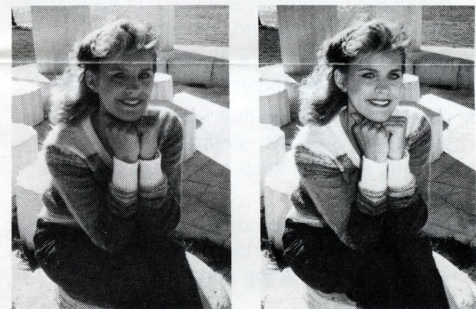
3 ft  30 ft

- When you take flash pictures, people's eyes sometimes appear red. The red is produced by reflections from the retina of the eye. The KODAK MEDALIST VR 35 Camera is designed to minimize the effects of red eye in flash photographs. However, in some young, light-complexioned, blue-eyed subjects, red eye may be evident. To reduce red-eye, turn up room lights and have the subject look away from the camera.

Using Fill Flash

Occasionally, the main subject has less light falling on it than the surrounding area and background. As a result the subject will be underexposed. To prevent this, use fill flash.

- Slide in and hold the FILL-FLASH Switch while depressing the shutter release.



No flash

Fill flash

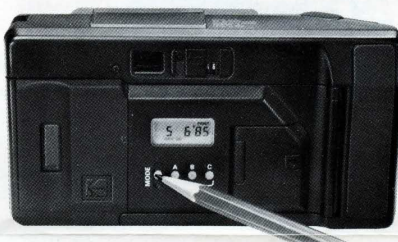
Using Flash Defeat

If you wish to take a picture in low-light conditions without the flash automatically firing or if you're in a museum or church that doesn't allow flash photography, you may temporarily turn off the flash. To do this, hold the switch in the FLASH OFF position while pressing the shutter release.

Using the Date-Back Feature

Your KODAK MEDALIST VR 35 Camera has a Date-Back feature which allows you to imprint the time or date you took the picture at the lower-right corner of your photograph.

1. Press the MODE Button to display the three imprinting modes: month-day-year, hour-minute, or OFF (no date is printed).



2. Set the clock to the proper time and date. To set the time, press the MODE Button until the time is displayed on the LCD panel. Using a pencil point, press the B Button to advance the hour, including A for a.m. and P for p.m. Press the C Button to advance the minutes. To set the date, press the MODE Button until the date is displayed on the LCD panel. Press the A Button to advance the month, press the B Button to advance the day, and press the C Button to advance the year to the correct settings.
3. You may change the order of the date that appears on your photograph from month-day-year, to year-month-day, or day-month-year. Open the back of the camera (make sure there is no film loaded inside) and using a pencil point set the switch next to the film-speed window to M/D/Y, Y/M/D, or D/M/Y.



Important: The clock is powered by a 3-volt battery. **This battery is not covered under warranty** and may be purchased at your local camera dealer.

To replace the battery, lift the CLOCK BATTERY DOOR located at the back of the camera to the right of the LCD panel. Remove the old battery and insert a fresh one.



Using the Self-Timer

1. Place the camera on a tripod or other firm support.

SHUTTER RELEASE



SELF-TIMER SWITCH

2. After composing the picture, slide the SELF-TIMER Switch downward and depress the shutter release. Be sure not to stand in front of the picture-taking lens while depressing the shutter release. You will notice the red LED self-timer indicator blinking. The picture will be taken in approximately 10 seconds.
 - If you wish to take a picture with the subject located "off center" you must prefocus first. Slide the SELF-TIMER Switch downward, position the subject in the center of the viewfinder and depress the shutter release halfway until the correct red distance confirmation symbol glows. Then recompose your picture and depress the shutter release fully.
 - To cancel the self-timer, close the cover flash.

Rewinding the Film

After the last picture on the roll of film has been taken, the film will automatically rewind. A 36-exposure roll will take approximately 36 seconds to rewind. The motor stops when the film is fully rewound.

- Slide down the back cover latch to open the cover and remove the film. When the cover is opened, the frame counter will automatically reset to the "S" position.
- If you wish to remove the film before the roll is complete, slide the FILM REWIND SWITCH in the direction of the arrow.

Photo Tips

- Keep your camera steady. Stand still and grip the camera firmly with both hands while holding your elbows close to your body. **Gently** squeeze the shutter release.
- Take pictures at your subjects' level (lower for children and pets, for example).
- Keep it simple. Have one center of interest and avoid cluttered backgrounds.
- Keep your subjects busy. Have them do something natural rather than stand stiffly staring at the camera.
- Indoors, place your subjects as far away from walls as possible. Subjects close to walls will cast dark shadows on the wall.
- To minimize shadows around your subject in indoor scenes, turn on extra room lights.
- Use fresh film, keep it cool, and process it as soon as possible after exposure.

CARING FOR YOUR CAMERA

Care of Your Camera

Store your camera and film away from heat and direct sunlight—not in the trunk, on the rear-window shelf, or in any other hot spot in a car.

Whenever you are not taking a picture, close the cover flash to protect the picture-taking lens and conserve the power pack. Always protect your camera from sand and dirt.

When necessary, clean the front of the picture-taking lens and the viewfinder lenses by blowing away any dust or dirt. Then wipe the surface of the lens with a cotton swab or a soft, clean, lintless cloth moistened with a lens cleaner, such as KODAK Lens Cleaner. Use a circular motion, beginning in the center of the lens and working out to the edges. If you don't have a lens cleaner, breathe on the lens to form a mist, and lightly wipe the mist away with a dry cotton swab. *Don't apply pressure, because you may scratch the lens.*

Important: Never wipe or rub a dry lens. Never use solvents or solutions not designed for cleaning camera lenses, and never use chemically treated tissues intended for eyeglasses.

Service for Your Camera

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

If you have any difficulty that isn't covered in the Troubleshooting Guide:

Take your camera, the film you were using, and any sample prints that show the problem to your photo dealer.

OR

Send a letter describing the problem to Eastman Kodak Company, Photo Information, Dept 841, Rochester, New York 14650. *Do not send your camera to this address.* Please enclose the problem film and prints with your letter to help us in answering your questions, and be sure to specify the model of your camera. We'll give you help and return your film and prints.

If your camera requires repair, you may send it through your photo dealer or directly to one of our Service Centers; see the Warranty.

Packing Instructions

1. Include a note **with** your camera giving all details: model, date, place of purchase, a description of the problem, as well as the film and sample prints. If possible, include a telephone number where you can be reached between 8:00 a.m. and 5:00 p.m.
2. Place the camera in a plastic bag to keep out dirt and packing material.
3. Use a sturdy carton that is large enough for you to surround the camera completely with packing material such as crumpled newspaper.
4. Securely fasten the carton with tape. Clearly write the address of the Service Center and your name on the top and bottom of the carton.
5. Ship the carton directly to the Kodak Equipment Service Center nearest you. It's a good idea to insure the camera to replacement value.

TROUBLESHOOTING GUIDE

| What Happened | Probable Cause | Correction |
|--|--|--|
| Fuzzy pictures. | Camera too close to subject. Camera motion. Focus aiming missed subject. | Stay at least 3 feet from subject, or so the portrait symbol doesn't blink. Hold camera still while pressing shutter release. See Using Auto-Focus, for proper usage. |
| Camera will not operate. | Cover flash not fully open. Power pack exhausted. | Lift cover flash. See Power Source. |
| Foggy, misty pictures; blotches, specks in pictures. | Dirty camera lens. | Clean camera lens; see Care of Your Camera. |
| Black/dark picture or partial picture. | Hand or object covering lens or flash. | Keep hands and objects away from lens and flash. |
| Flash pictures too dark. | Flash too far from subject. | Subject should be no farther than 15 feet from flash using ISO 100-speed film, 20 feet from flash using ISO 200-speed film, or 30 feet from flash using ISO 400- and 1000-speed films. |
| Flash pictures too light. | Flash too close to subject. | Subject should be at least 3 feet from flash. |
| Flash fails to operate. | Scene too bright for flash. Camera in need of repair. | Check flash operation in dark; if it does not flash, see below. Return camera to a Kodak Service Center; see the Warranty. |
| Subject not framed properly or partly cut off. | Improper use of viewfinder. | Frame subject as described in Using Auto-Focus. |
| Subject only is underexposed. | Need fill flash. | Slide FILL-FLASH Switch while depressing shutter release. |
| Film not properly exposed. | Not using DX-coded film. | Use only DX-coded, ISO 100-, 200-, 400-, 1000-speed films or non-coded, ISO 100-speed film. |
| Self-timer didn't go off. | Didn't depress shutter release. | Slide SELF-TIMER Switch, then press shutter release. |

FULL FIVE-YEAR WARRANTY

WARRANTY TIME PERIOD

The KODAK MEDALIST VR 35 Camera is warranted by Kodak to function properly for five years from the date of purchase. This warranty covers the purchaser of the camera and anyone else who owns it during the warranty period.

WARRANTY COVERAGE

If the camera does not function properly within the warranty period, 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.

HOW TO OBTAIN SERVICE

For assistance in using the camera, contact a dealer in Kodak products. For service on the camera, or its power pack, return it through a dealer in Kodak products or to one of the Kodak Equipment Service Centers listed below. Enclosing a note with the camera giving details of the problem and date of purchase will help Kodak return the camera promptly.

LIMITATIONS

This warranty does not cover circumstances beyond Kodak's control, nor problems caused by failure to follow the care and operating instructions in the manual.

Kodak makes no other express warranty for the camera.

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.**

YOUR RIGHTS UNDER STATE LAW

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. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Note: After the full 5-year warranty period the 9-volt Ultralife lithium power pack can be replaced for a nominal fee at one of the Kodak Equipment Service Centers, or you may order one directly through your photo dealer using Pt No. 232453. The 3-volt battery which powers the clock is not covered under warranty and may be purchased at your local camera dealer.

SERVICE CENTERS

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.

12100 Rivera Road, Whittier, California 90606
5315 Peachtree Industrial Blvd, Chamblee, Georgia 30341
1901 West 22nd Street, Oak Brook, Illinois 60521
*800 Lee Road, Rochester, New York 14650
2800 Forest Lane, Dallas, Texas 75234
3500 Eglinton Ave W, Toronto Ont, M6M 1V3
CANADA

*Also the address of Kodak Parts Services.