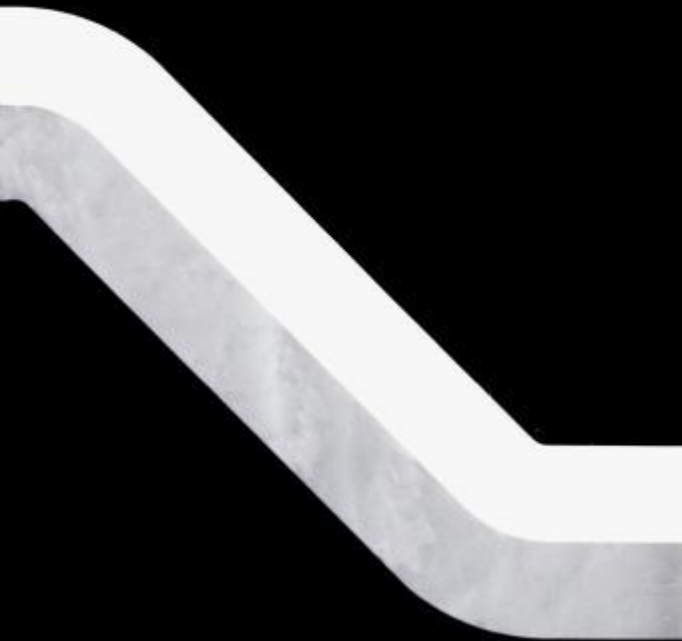
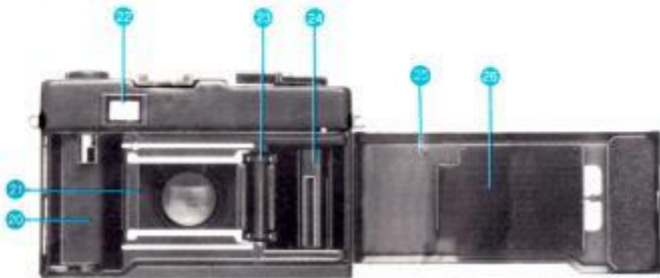
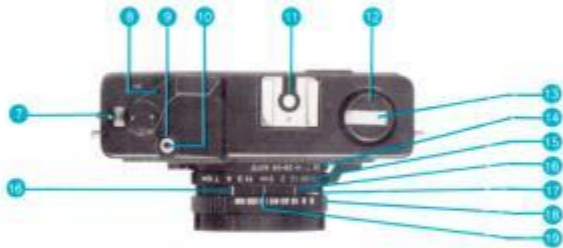
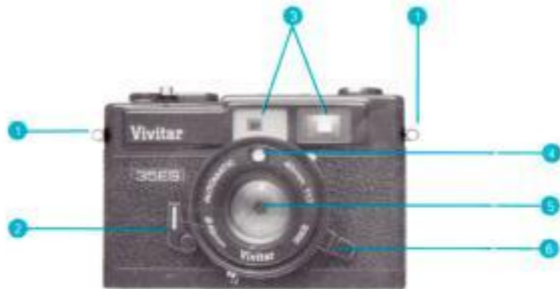


Vivitar® 35ES™

Owner's Manual







Vivitar
35ES™

Welcome to the new world of Vivitar compact 35mm photography! Your new Vivitar 35ES is a lightweight, take-anywhere camera that makes it fast, fun and easy for you to take big, quality photographs. Your camera's Automatic Exposure and Flashmatic systems assure correct exposures, letting you concentrate on the photographs you want, when you want them. The Vivitar 35ES—just focus and shoot!

Description of Controls

- 1 Strap Lugs
- 2 Self-Timer
- 3 Rangefinder & Viewfinder Windows
- 4 CdS Exposure Sensor
- 5 Vivitar 40mm f1.7 Lens
- 6 Rangefinder Focusing Lever
- 7 Exposure Counter Window
- 8 Film Advance Lever
- 9 Shutter Release Button
- 10 Threaded Cable Release Socket
- 11 Hot Shoe
- 12 Film Rewind Knob
- 13 Film Rewind Crank
- 14 Auto/Flashmatic Ring
- 15 Distance Scales
- 16 Distance Scales Index Lines
- 17 "B" Lock-Out Lever
- 18 Shutter Speed Ring
- 19 Shutter Speed/Auto Index Line
- 20 Film Chamber
- 21 Film Aperture
- 22 Viewfinder
- 23 Take-Up Sprockets
- 24 Multi-Slotted Take-Up Spool
- 25 Film Guide Roller
- 26 Film Pressure Plate

- 27 Guide Number Chart
- 28 Camera Serial Number Plate
- 29 DIN / ASA Setting Lever
- 30 DIN / ASA Scales
- 31 Auto / Flashmatic Lever
- 32 Battery Compartment Cover
- 33 Tripod Socket
- 34 Film Rewind Button

Getting Acquainted With Your New Vivitar 35ES

Before you shoot that first, important roll of film, carefully read the following instructions. Fold out both sets of cover flaps for easy reference. Get acquainted with all controls and operating procedures. Take a few minutes to practice focusing, shooting and programming your Vivitar 35ES for automatic exposure control *before* you actually load film in the camera. The time you spend learning how to operate your camera will be invaluable when you're ready to shoot that "once in a lifetime" photograph—you'll be ready for it when it happens!

1

Attach Camera Wrist Strap

Before you begin using your new camera, attach the Camera Wrist Strap for safe, secure and comfortable handling or transporting.

(A) Spring one end of "O" Ring open and slip over and into either of the two Strap Lugs ① on your camera.

(B) Rotate "O" Ring until it snaps back to its closed position, firmly securing the Wrist Strap to your camera. (See photo "A")

2

Holding Your Camera

Your camera must be held correctly to assure getting consistently good, sharp photographs. It should be held steadily and comfortably while you are taking photographs. Photos "B" & "C" illustrate the correct ways to hold your camera in both the vertical and horizontal positions.

3

How to Focus Your Camera

Now that you've got a "feel" for holding your camera, practice focusing so that it becomes an automatic movement of raising the camera to your eye, composing the photo and focusing. After you've read the focusing instructions, practice focusing on people and objects around you.

- (A) Align the subject within the focusing area of viewfinder.
- (B) Compose photograph within the Bright Frame Lines of the viewfinder.
- (C) Turn the Focusing Lever (6) until the superimposed images become one, sharp image.
- (D) The Distance Scales (5) on the Focusing Ring give subject to camera distance in both meters (green numbers) and feet (white numbers). Distance is read by the alignment of the numbers with the green or white Distance Scale Index Line (6).

Operating your Camera

4

Install the Battery

Your Vivitar 35ES' automatic exposure system is powered by a single, 1.35 volt mercury battery (Mallory PX 675, Eveready 675, HS-C/H-C or equivalent). To install battery:

- (A)** Unscrew Battery Compartment Cover ⑳ using a coin.
- (B)** Insert the battery POSITIVE (+) side facing you (see photo "D"). The inside of the Battery Compartment Cover is coded (+) as a reminder.
- (C)** Replace the Battery Compartment Cover. Check to be sure that the battery has been inserted correctly and the metering system is operating. Set the shutter speed at the red "125" and point the camera at a brightly lit subject. If the needle in the Viewfinder ㉔ moves, the metering system is operational. If the needle remains at the bottom of the Viewfinder, open the Battery Compartment and recheck to see that the (+) marked on the battery is facing you.

Replace the battery once a year or when the meter needle appears "sluggish" or remains at the lower right corner of the Viewfinder.

5 Set the Film Speed

For properly exposed photographs, your Vivitar 35ES Automatic Exposure System must be set for the correct DIN (International) or ASA (USA) rating for the film you're using. To set the film speed:

- (A)** Hold the Shutter Speed Ring ⑧ firmly, push in the DIN/ASA Setting Lever ㉑ and align it with the DIN/ASA Scale ㉒ setting for your film.
- (B)** The chart below shows DIN and ASA equivalents and indicator mark ratings.

DIN	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
ASA	25	32	40	50	64	80	100	125	160	200	250	320	400	500	640	800

6 Load your Film

- (A)** Press the Shutter Release Button, releasing film advance

mechanism. Fold out Film Rewind Crank ⑬ and pull up to open camera back.

(B) Insert the film cassette in the Film Chamber ⑭. Push down on the Film Rewind Knob ⑫ and turn it slightly to lock cassette in place.

(C) Insert the film leader into one of the slots in the Film Take-Up Spool ⑲. Advance Lever ⑩ to see that film is secured on the Take-Up Spool and check for proper film alignment on the Take-Up Sprockets ⑳. Turn the Rewind Crank slightly in the direction of the arrow to remove any slack in the film cassette and recheck to see that film remains properly secured to the Take-Up Spool.

(D) Close the back cover until you hear a click, indicating that the cover is locked. Advance film by alternately winding the Film Advance Lever and pressing the Shutter Release Button until the number "1" appears in the Exposure Counter Window ⑦. As the Film Lever is wound, the Film Rewind Knob will rotate, indicating that the film is advancing properly.

7

Set the Automatic Exposure System

Push on the Auto/Flashmatic Lever ⑳ and turn the Auto/Flashmatic Ring ㉑ until the "Auto" marking aligns with the red, Shutter Speed/Auto Index Line ㉒. Your camera will now select the proper f-stop for the shutter speed you select. As long as the meter needle is within the yellow zone, all you need to do is focus and shoot!

8

Shutter Speed Selection

Your Vivitar 35ES is equipped with a Shutter Priority Automatic Exposure Control System. It incorporates shutter speeds ranging from 1/4 second to 1/500 second.

(A) For most normal daylight photography, set the Shutter

Speed Ring at the red, 125 setting.

(B) For stopping fast action subjects like sporting events, select the fastest possible shutter speed lighting conditions allow.

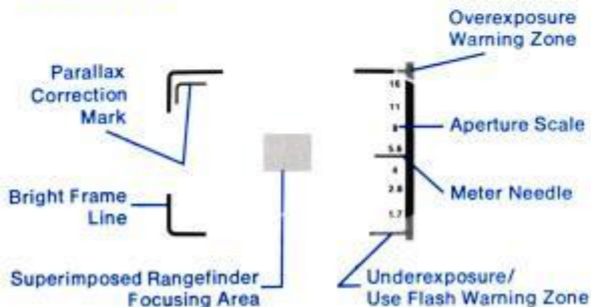
(C) Should the meter needle in the Viewfinder (see "Viewfinder" section) stay below the f1.7 setting, adjust the shutter speed to the next slowest shutter speed until the needle moves out of the red, Underexposure/Use Flash Warning Zone. When using shutter speed settings of $\frac{1}{60}$ second or less, use a tripod or other firm support to minimize camera movement.

(D) Your camera is equipped with a "B" (bulb) setting for time exposures. To set the camera in the "B" setting:

1) Push in the "B" Lockout Lever (17), then rotate the Shutter Speed Ring until the "B" setting aligns with the red. Shutter Speed/Auto Index Line.

2) Activate and hold the Shutter Release Button (9) to keep the shutter open for the length of time necessary for a proper exposure. For best results, use a tripod and a locking type cable release.

Viewfinder



Overexposure Warning Zone

In combination with certain subjects (e.g. sand or snow) and very high speed films (e.g. DIN 27/ASA 400), the meter needle may move into the overexposure warning zone. If this should occur, we recommend the use of **a)** a neutral density filter on the lens to reduce the amount of incoming light, or **b)** a slower, DIN/ASA rated film.

Underexposure/Use Flash Warning Zone

If the meter needle moves into the red, underexposure zone, the camera must be set at either a slower shutter speed or must be used with a flash unit mounted in the Hot Shoe (II). (See "Flash Photography" section)

Parallax Correction

When you're photographing at distances of 2 m (6 ft.) or less, be sure to compose your subject within the Parallax Correction Mark to prevent accidentally "cutting off" part of your subject.

9

You're Ready!

Once you've checked to be sure the meter needle is within the yellow exposure range, just recheck the camera focus, make sure the film is advanced and press the Shutter Release Button to capture the world around you on film!

Flash Photography

Your Vivitar 35ES has "X" flash synchronization built into the camera Hot Shoe. The camera's Flashmatic System automatically sets the correct exposure as you focus. For properly exposed flash photos:

(A) Mount the flash unit on the Hot Shoe (II).

(B) Refer to your flash unit's Owner's Manual for the "Manual" Guide Number indicated for the DIN/ASA rating of the film being used.

(C) Select the Guide Number on the camera's Guide Number Chart (27) that is numerically closest to the Guide Number of your flash unit.

(D) Align the selected Guide Number (or Indicator Mark) on the Auto/Flashmatic Ring with the red, Shutter Speed/Auto Index Line. Your camera is now programmed for the proper Flashmatic operating range of your flash unit. As you focus, the System will automatically adjust to the correct f-stop.

Self-Timer

The Self-Timer Lever (28) delays the tripping of the shutter mechanism for approximately 10 seconds, allowing you to include yourself in a photograph. The camera must be tripod mounted or placed on a solid support. To use the Self-Timer:

(A) Compose the photograph in the Viewfinder and focus.

(B) Advance the film.

(C) Push the Self-Timer Lever all the way down.

(D) Press the Shutter Release Button

(E) Position yourself in the photograph area within 10 seconds.

Removing the Film

When you've finished shooting the last frame on your roll of film, you'll need to rewind the film and remove the cassette for processing.

(A) Push in the Film Rewind Button (34).

(B) Fold out the Film Rewind Crank and turn in the direction of the arrow.

(C) When the Film Rewind Crank turns freely (without tension or "drag"), pull up on the Crank to open the camera back. The exposure Counter will automatically reset to zero.

(D) Remove the exposed cassette and reload with fresh film or close camera back for storage.

Cable Release

Your camera is equipped with a threaded, Cable Release Socket (Ⓜ), allowing you to attach an accessory cable release to the camera. The cable release is a convenient way of avoiding possible camera movement. A cable release is recommended for use with a tripod when shutter speeds are $\frac{1}{60}$ second or less, or "B" setting is used.

Available Accessories

A complete line of Vivitar accessories is available for your camera from your photo dealer. Popular accessories include 49mm thread-in filters and lens hoods, cable releases, tripods and electronic flash units.

NOTE: The Vivitar Model 125 Electronic Flash Unit is ideally suited for your Vivitar 35ES's Flashmatic System, allowing you to take flash photographs at distances up to 8.5 m (28 ft.) with standard color print film (ASA 80/100, DIN 20/21).

Caring For Your Camera

1—NEVER FORCE ANY CAMERA OPERATION. Consult this Owner's Manual if any questions occur.

2—REMOVE BATTERY WHEN STORING CAMERA. Batteries can leak as they age, causing damage to your camera. Always inspect batteries for leakage before installing in your camera.

3—KEEP LENS CAP ON WHEN NOT TAKING

PHOTOGRAPHS. The cap protects the front lens element from dust and dirt particles.

4—CLEAN YOUR LENS PROPERLY. Remove dust with an air blower. When necessary, use lens tissue to *gently* clean lens and viewfinder. *Never* rub lens with your finger, a cloth or other abrasive materials.

5—CLEAN YOUR CAMERA'S INTERIOR. Periodically remove any dust or film particles from the film chamber, rear lens element, take-up spool area or film pressure plate with an air blower. Inspect Film Guide Roller (25) and Film Pressure Plate (26) for accumulated deposits from film emulsion or backing—clean with lens cleaner and tissue if required.

6—KEEP YOUR CAMERA AND FILM AWAY FROM DIRECT SUNLIGHT AND HEAT. Never store your camera or film on the rear window deck, glove compartment or other hot areas in your car.

7—PRIOR TO STORING YOUR CAMERA. Release the shutter to remove all spring tension.

8—PROTECT YOUR CAMERA FROM MOISTURE. DO NOT store your camera in a moisture-retaining enclosure or environment. In areas of high humidity, care should be taken to ensure that your camera is kept in a comparatively cool, dry location.

9—KEEP YOUR CAMERA IN ITS PROTECTIVE CASE. Whenever camera is carried, stored or otherwise not in use, keep it in its protective case to protect against dust, shock or damage to its finish.

Specifications

Camera Type: 35mm, full frame rangefinder camera with EE aperture control, shutter priority operation.

Film Format: 24mm x 36mm

Lens: Vivitar 40mm f1.7, 6 elements in 4 groups

Accessory Size: 49mm

Focusing Range: 0.9 m (3 ft.) to infinity

Shutter Speeds: $\frac{1}{8}$ second to $\frac{1}{500}$ second plus "B"

Exposure Meter: Single CdS cell located above front lens element, programs aperture selection.

EV Range: EV 4.5 (f1.7 at $\frac{1}{8}$ sec.) to EV 17 (f16 at $\frac{1}{500}$ sec.) with ASA 100 (DIN 21) film

Film Speed Range: ASA 25 (DIN 15) to ASA 800 (DIN 30)

Viewfinder information: Bright frame line, parallax correction mark, aperture scale, overexposure and underexposure / use flash warning zones.

Focusing System: Superimposed rangefinder type focusing

Flash Synchronization: Built-in "X" synchronization at all shutter speeds. "X" contacts in Hot Shoe.

Film Loading: Easy-load, multi-slotted take-up spool

Film Advance: Single-stroke, Built-in double exposure prevention.

Self-Timer: Approximately 10-second delay mechanism

Battery: Single 1.35 volt mercury battery (Mallory PX 675, Eveready EPX 675, HS-C/H-C or equivalent).

Dimensions: 114 mm x 60 mm x 74 mm (4.4"x 2.4"x 2.9")

Weight: 465 g (16.27 oz.)



A



B



C



D

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