argus



SLR

35mm SINGLE-LENS
REFLEX CAMERA

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introduction

Your new Argus SLR is a single-lens reflex camera of advanced design. Because you view and focus through the camera lens using a mirror and prism arrangement, you see what you will get on the film—no parallax error, ever. Special features include quick-return mirror, depth-of-field preview button, and full-aperture viewing and focusing with automatic lens stop-down.

We suggest you read this book very carefully and try the different operations before you load your first roll of film. Before you go on a trip or take pictures of a special event, try a practice roll first.

Minor changes in the appearance of this camera may not be included in these illustrations.

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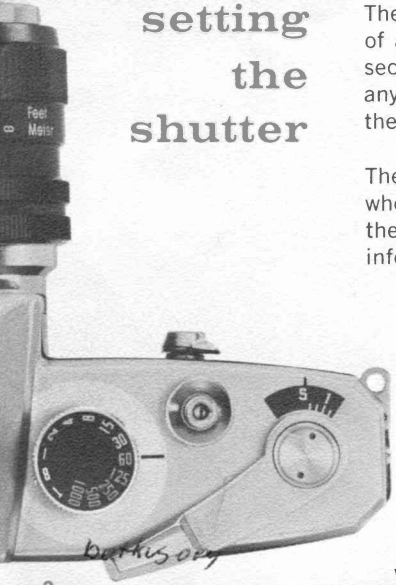
functional parts



Focusing Ring
Depth-of-Field Scale
Lens Opening Ring
Rewind Release Button (On bottom of camera)
Depth-of-Field Preview Button
Lens Release Button
Rewind Crank
Back Latch
Focal-Plane Bulb and X-Delay Sync Outlets (On back of camera)
Film position within camera
Serial Number
Eyepiece
Film Record Dial (On back of camera)
Exposure Meter Coupling Pin
Film Wind Lever
Strap Eyelet
Exposure Counter
Shutter Release
Shutter Speed Dial
Self-Timer Lever
Self-Timer Release

setting the shutter



The numbers on the shutter speed dial represent fractions of a second—1 is 1 second, 2 is ½ second, 125 is 1/125 second, etc. The dial can be turned in either direction, at any time, to the desired speed. Be sure to set the dial on the detent of the number, not in-between numbers.

The color of the shutter speed numbers have significance when taking flash pictures (see page 11) and when using the Argus SLR Exposure Meter (see page 14). See page 4 for information on using the B and T settings for time exposures.

The selection of the shutter speed depends on the subject, the film, and the amount of light. Normally, use 1/60 or 1/125 second for general scenes. If there is a small amount of subject movement, use 1/250 second. When there is considerable subject movement (or when taking pictures from a moving position), use 1/500 second or 1/1000 second. Use the slow shutter speeds under extreme low-light conditions (with camera firmly supported). See page 5 for more on shutter speed—lens opening combinations.

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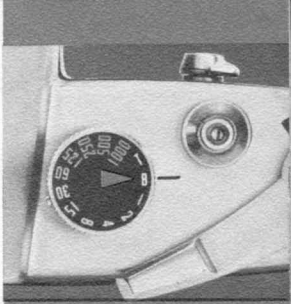
time exposures

With the shutter dial on B, the shutter will remain open as long as the release is held down. Use B for brief time exposures. Set the shutter speed dial to T for lengthy time exposures. When on T the shutter will open and stay open when the release is depressed. **To close the shutter, turn the dial to B.** Always use a tripod or other firm support when making time exposures. A cable release (which screws into the shutter release button) helps prevent camera movement.

delayed action

The self-timer lever allows you to take delayed-action pictures. To delay the firing of the camera shutter about 8 to 10 seconds, just move the lever down as far as it will go. The delay can be adjusted by depressing the lever anywhere from half-way down to full down. **To start the self timer,** push the button on the self-timer lever. Do not use the camera shutter release. The timer will work at any time, but will trip the shutter only if the film has been advanced.





The size of the lens opening (f/stop or aperture) that will be set the instant you take the picture is determined by the position of the lens opening ring. Just turn the ring until the desired lens opening number is opposite the index mark. The ring can be set on the detents (click-stops) or between numbers. The correct lens opening to use for different films and lighting conditions can be found by using the Argus SLR Exposure Meter or by consulting the film instruction sheet.

setting the lens

The lens opening-shutter speed combinations that will give the proper exposure are automatically calculated when using the SLR Exposure Meter. Film instruction sheets usually give just one combination. When you desire to use a faster (or slower) shutter speed, you must also change the lens opening. Increasing the speed by one number requires that you open the lens by one number. For example, if the exposure recommendation is 1/125 second at f/8, then you can also use 1/250 at f/5.6, 1/500 at f/4, or 1/1000 at f/2.8. To use 1/60 second, close the lens down to f/11.



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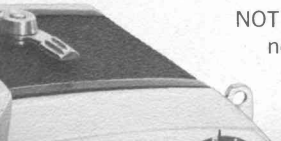
focusing and taking pictures



Hold the camera to your eye as shown in the picture at the right. With your left hand under the focusing ring, turn the ring until the subject appears sharp and clear. Use the clear spot in the center of the viewfinder for critical final focusing.

The camera can also be held in a vertical position for vertical pictures. The type of subject and subject composition will determine the best framing. When holding the camera vertically, let the camera rest in the left hand, using the basic grip as shown in the illustration for horizontal holding. With the film wound, squeeze the shutter release slowly to take the picture. A tripod or other firm support is recommended whenever you use speeds slower than 1/30 second. The delayed action is very helpful when using slow shutter speeds and you do not have a cable release.



NOTE: When using infra-red film in your camera, first focus normally noting the distance on the scale, then reset this distance to the red "R" on the depth-of-field scale (the infra-red focus index).

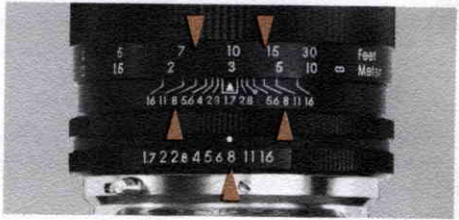
film record dial



The dial on the back of your camera provides a handy reminder as to the type of film you have in your camera.

Set the inner dial to either 20 or 36 depending on your film size. Use the red numbers for color film, black for black-and-white film. Set the outer dial to the ASA film speed (exposure index) of your film.

The illustration shows a 20-exposure roll of ASA 25 color film is loaded.



depth of field

The depth-of-field scale shows the range of sharpness for any distance and lens opening. Look opposite the lens opening you are using, on both sides of the scale, to find the near and far points of sharp focus. A distance of 10 feet, lens opening of f/8, and a range of sharpness from 8 to 14 feet are illustrated. You visually see this by looking through the viewfinder and pressing the depth-of-field preview button.

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depth-of-field chart —58mm f/1.7 Argus-Sekor

This chart can be used when you have to predetermine what settings will be necessary for a specific sharpness range. Once lens opening is selected, shutter speed can be determined.

Aperture	Distance focused on (all figures in feet)								
	∞	30	15	10	7	5	4	3	2
1.7	151.8 - ∞	25.1 - 37.2	13.7 - 16.6	9.4 - 10.7	6.7 - 7.3	4.9 - 5.1	3.9 - 4.1	2.96 - 3.04	1.98 - 2.02
2	129.0 - ∞	24.4 - 39	13.5 - 16.9	9.3 - 10.8	6.7 - 7.4	4.8 - 5.2	3.9 - 4.1	2.94 - 3.06	1.98 - 2.02
2.8	92.2 - ∞	22.7 - 44.2	13.0 - 17.8	9.0 - 11.1	6.5 - 7.5	4.8 - 5.3	3.9 - 4.2	2.92 - 3.08	1.98 - 2.02
4	64.6 - ∞	20.6 - 55.4	12.2 - 19.3	8.7 - 11.7	6.4 - 7.8	4.7 - 5.4	3.8 - 4.2	2.90 - 3.12	1.96 - 2.04
5.6	46.2 - ∞	18.3 - 84	11.4 - 21.9	8.3 - 12.6	6.1 - 8.1	4.6 - 5.5	3.7 - 4.3	2.86 - 3.17	1.94 - 2.06
8	32.4 - ∞	15.7 - 373	10.4 - 27.4	7.7 - 14.2	5.8 - 8.8	4.4 - 5.8	3.6 - 4.5	2.78 - 3.25	1.92 - 2.10
11	23.6 - ∞	13.3 - ∞	9.3 - 39.7	7.1 - 16.9	5.5 - 9.7	4.2 - 6.2	3.5 - 4.7	2.71 - 3.38	1.88 - 2.13
16	16.3 - ∞	10.7 - ∞	8.0 - 163	6.3 - 24.6	5.0 - 12	3.9 - 6.9	3.3 - 5.1	2.66 - 3.54	1.83 - 2.21

NOTE: These figures may not agree with those on the lens. This data is calculated on a more critical circle of confusion of .0017".

loading

You can use any type of 35mm film (size 135), 20 or 36 exposure, color or black-and-white.

To open the camera back for loading, pull up on the back latch. Push the rewind knob out by pushing the shaft inside the camera body. Place the film magazine in the camera (protruding end of spool down). Push down on the rewind knob, turning if necessary, until it snaps into place.

Turn the take-up spool with your thumb until the slot is on top. Slip the end of the film leader into the lower part of the slot (illustration 1). The film leader should be positioned so the bottom sprocket engages the film perforations.

Holding the film so it won't slip, turn the rewind crank in the direction of the arrow until resistance is felt. This takes the slack out of the film magazine. Turn the take-up spool with your thumb (to left) about one revolution to be sure the leader is securely fastened (illustration 2). Check to see that







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the film perforations are engaged with the sprocket teeth. Close the camera back. The exposure counter will show "S" for start. Move the wind lever a FULL stroke (illustration 3), press the shutter release, and continue this operation until the counter shows 1. You are now ready to take the first picture.

Be sure to move the wind lever through a FULL stroke for each picture.

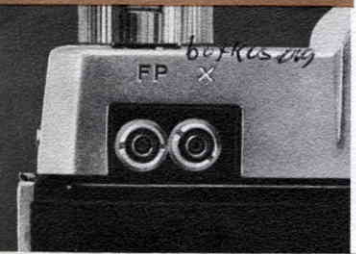
If you accidentally go past the last exposure on your film, and the lever will not go through a full stroke, DO NOT force it. Release the wind mechanism by pushing in on the rewind button on the bottom of the camera, then finish the stroke.

The exposure counter will automatically reset itself to "S" whenever the camera back is opened for unloading.

unloading

When exposure counter reads 20 or 36, and you have taken that last exposure, rewind film back into magazine BEFORE BACK IS OPENED. To do this, press in on rewind button on camera bottom (it will stay in) and unfold crank in rewind knob. Rewind film until you feel it leave the take-up spool. Continue a few turns to be sure all film is rewound. Open back, lift knob, remove film.





flash pictures

Your camera's flash outlets will accept any flash unit or electronic flash with a PC-type cord. Use "X" outlet with electronic flash units and Class M or Class F flashbulbs at 1/30 second or slower **only.** Use the "FP" outlet with Class FP (focal-plane) flashbulbs at speeds from 1/60 to 1/1000 second. See your flash unit instructions for guide numbers and other flash information.



removing the lens

To remove and replace the camera lens or any of the accessory lenses, hold the camera as shown. Press and hold the lens release button, turn the lens 1/6 turn counterclockwise, then lift off. To replace, align the red dot on the lens with the dot on the camera body, press the lens in gently and turn it clockwise until it clicks into place. Check to be sure the lens is firmly locked.

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specifications

Lens: 58mm f/1.7 Argus-Sekor; 6-element, coated and color-corrected, bayonet mount, automatic diaphragm; lens openings from f/1.7 to f/16.

Shutter: Focal-plane type, speeds from 1 to 1/1000 second plus B and T. Synchronized for all flashbulbs and electronic flash. Built-in self timer.

Flash synchronization: X delay at 1/30 sec. or slower; FP delay at 1/60 to 1/1000 sec.; X and FP outlets. Use Class M and F flashbulbs at X delay.

Lens Accessories: Screw-in filters and sun shade; screw-in adapter ring available from dealer.

Other features: Size 6" x 3⅞" x 3¾", weight 36 oz. with normal lens, 23½ oz. body only; accessory lenses include 135mm f/2.8 telephoto and 35mm f/2.8 wide-angle with automatic diaphragms.

Record serial numbers on this card and keep in safe place.

Camera Serial Number	3850158
Lens Serial Number	764045
Owner's Name	Ira J. Decker
Street Address	545 S.E. 114 Place
City & State	Portland, Ore.
Phone Number	AL 4-9806

ARGUS SLR
OWNER'S IDENTIFICATION CARD

service information

For further information on the operation of your Argus SLR, or for service or replacement parts, see your local Argus dealer or authorized service location (back page) or write to:

CUSTOMER SERVICE DEPT.
ARGUS, INCORPORATED
424 FOURTH STREET
ANN ARBOR, MICHIGAN

When writing, be sure to mention you have the Argus SLR and list the serial numbers found on the camera top cover and the front of the camera lens.

care and cleaning

Your Argus SLR is a precision instrument and deserves the best of care. Do not store it where there are extremes of temperature or high humidity. If the camera is to be stored for a period of time, press the shutter release to relieve the shutter tension.

Protect the inside of the camera when the lens is removed. **Never** touch the surface of the reflex mirror. If it needs cleaning, use a fine camel's hair brush or a gentle stream of air. Do not wipe the mirror's surface with any kind of material.

The fine lens on your camera should be kept clean. Blow the dust off first, then use a soft brush or wipe gently with a lens tissue. Use lens cleaning fluid sparingly.

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SLR telephoto lens

135mm f/2.8 telephoto with automatic diaphragm, depth-of-field preview button, openings from f/2.8 to f/32, leather carrying case.



SLR wide-angle lens

35mm f/2.8 wide-angle with automatic diaphragm, openings from f/2.8 to f/22, depth-of-field preview button, leather carrying case.

SLR exposure meter



Clips to the top of the camera and couples to the shutter speed dial. Instantly removable. Film speed range from ASA 6 to ASA 1600. Perfect for both normal and low-light readings with all types of color and black-and-white films.

Argus unconditional guarantee

Your Argus SLR Camera is unconditionally guaranteed by the manufacturer to operate properly for a period of one year from date of original purchase. If, during this period, your camera fails to operate for any reason, Argus, Incorporated, will restore it to operating condition at no charge to you. (This includes all parts and labor.)

This unconditional guarantee applies to the product itself. We regret that we are unable to assume liability for loss of film or for other expense or inconvenience.

This unconditional guarantee is valid only for the original retail purchaser and only if the product is returned prepaid, directly or through an Argus dealer, to the Customer Service Department, Argus, Incorporated, Ann Arbor, Michigan, or their authorized service location listed below. The date and place of original purchase must be included, along with a description of the difficulties encountered.

Many apparent product difficulties are actually a matter of incorrect usage. It is always wise to see your Argus dealer before returning the product for servicing.

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