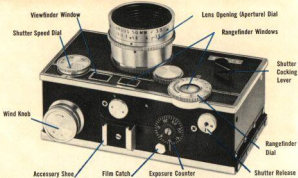




argus

C3

standard model



Introduction

Your new Argus C3 has many fine features that put it in an advanced class, yet the Argus system of Color-Matic settings will give you beautiful color slides or black-and-white pictures your very first try.

The opposite page shows important parts of the camera and their location. Read this book carefully so you will know your Argus C3 *before* you load your first roll of film. This may prevent your missing an important picture through lack of familiarity with its operation.

The illustrations in this book may not show the latest minor changes in product appearance.

contents

Important Parts	1
Color-Matic Settings	3
Using the Rangefinder	4
Shutter Speed Settings	5
Lens Opening Settings	6
Outdoor Exposure Guide	6
Loading the Camera	7,8
Unloading	9
Depth in Your Pictures	10
Flash Pictures	11
Flash Exposure Guide	12
Care and Servicing	13
Filter Information	13
Specifications	14

color-matic settings

Your C3 has a complete range of adjustments for all types of pictures, but if you like, it can be pre-set and used as easily as a box camera. The Color-Matic settings on lens opening, shutter, and rangefinder dials give you correct OUTDOOR exposures for average subjects in bright sunlight.

YELLOW MARKINGS are used with ASA10 color films.

RED MARKINGS are used with Kodachrome II, Ansachrome 50, Panatomic-X, or any other color or black-and-white film that has a film speed of between ASA 25 and ASA 50.

The Color-Matic rangefinder setting is at 15 feet, but subjects between 9 and 50 feet will be in focus. For subjects outside this range, focus with the rangefinder (see page 4).



Using the rangefinder



The right eyepiece on the back of the camera is the rangefinder window. To focus on your subject, sight through the rangefinder window and turn the rangefinder dial with your finger.

The lens is automatically focused when the rangefinder image is lined up as shown in the examples below. No guesswork—no distance scales to set.

After focusing, shift your eye to the viewfinder (left eyepiece) to compose your picture. Hold the camera in either a vertical or horizontal position to best suit the framing of your subject.



Subject out of focus



Subject in focus

shutter speed settings

Turn the shutter speed dial in the direction of the arrow until the desired setting is opposite the index mark. Set the dial directly on the numbers, not in-between. The numbers represent fractions of a second.

1/50 Second—for **NORMAL** outdoor picture-taking, such as scenes and people. If you are taking pictures of moving subjects, use a higher shutter speed such as 1/100 or 1/300.

1/100 and 1/300 Second — for action pictures, with 1/300 for the fastest action. If possible, use one of these faster speeds whenever the subject is moving or when there is a possibility of camera movement.



1/25 Second—for all flash pictures. This setting can also be used for outdoor pictures when it is not bright enough for 1/50 second or if greater depth is needed (see page 10).

1/10 Second—the slowest shutter speed which should be used only when the camera is on a tripod or other support. Use this speed for maximum range of sharpness when necessary, or for very dimly lighted subjects.



Set the shutter release on "P" for regular outdoor and flash pictures.

For time exposures, turn to "B" and hold the release down for the time desired. Be sure to support the camera and use a cable release for time exposures.

lens settings

Turn the front of the lens either way until the desired lens opening number is opposite the index dot. There are three groups of numbers on the lens mount so that one can always be seen from the top. Lens openings may be set on or between the numbers.

Close lens one stop (distance between numbers) from chart setting for light subjects (beach and snow scenes). Open lens one stop for dark subjects (foliage, dark flowers, animals).

It is not always necessary to use the shutter speeds in the guide. For instance, the guide may recommend 1/50 at f/8. To use 1/100, open the lens one stop to f/5.6 to compensate for the faster speed. If you wanted a speed half as fast (1/25), close the lens one stop to f/11.

OUTDOOR EXPOSURE GUIDE

DAYLIGHT COLOR FILMS	Shutter SPEED	Bright Sun	Hazy Sun	Cloudy Bright	Cloudy Dull
ASA10 Color Films	50	5.6-8	4-5.6	3.5	1/25 at 3.5
Kodachrome II	50	11	8	5.6	4
Kodachrome-X Ektachrome-X	100	11	8	5.6	4
Kodacolor-X Anscochrome 50	100	11	8	5.6	4
Anscochrome 100	100	16	11	8	5.6
BLACK AND WHITE					
Ansco Versapan	100	11-16	8-11	5.6-8	4-5.6
Kodak Panatomic-X	50	11	8	5.6	4
Kodak Plus-X Pan	100	16	11	8	5.6
Kodak Tri-X Pan	300	16	11	8	5.6



Loading the Camera

Your Argus C3 uses 35mm film magazines (size 135), 20 or 36 exposures, color or black-and-white film.

1 Open back by depressing catch at end of camera. Pull out rewind knob on bottom of camera (knob with arrow) and insert a 35mm magazine with small end up. Push in rewind knob, turning if necessary to engage magazine spool.

2 Hold magazine in and thread end of film leader completely through slot in take-up spindle. Be sure film lies straight

across film track (parallel with opening). Turn wind knob about one-half turn to make sure film folds under and is secure.

3 Take up slack with wind knob and turn a little more to engage perforations on both sides of film on sprocket teeth. If sprockets stop turning before teeth are engaged in film holes, release film catch and continue turning. Close camera back.

2



3



4



4 With back closed, turn wind knob as far as it will go without forcing. Hold down film catch and turn wind knob about a quarter turn, release catch, and continue to turn knob until it stops. Repeat this operation. The film is now in correct position for the first picture. Set exposure counter dial by turning it counterclockwise to "0". Counter dial will indicate number of pictures you have taken.

Press shutter cocking lever down and squeeze shutter release smoothly for each picture. Be sure finger does not interfere with up-stroke of cocking lever when releasing shutter.

Wind film immediately after each picture. Hold down film catch for a quarter turn of wind knob, release catch and wind until knob stops turning.

Unloading



When exposure counter dial reads 30 or 36, and you've taken that last picture, you have taken all of the exposures on the film. **THE FILM MUST BE REWOUND BACK IN-**

TO FILM MAGAZINE BEFORE OPENING THE CAMERA BACK. To rewind film, turn rewind knob (on bottom of camera) in direction of arrow. Continue winding until dial stops turning. Turn a few more times to make certain all of the film is rewound, then open camera back and remove film magazine.

Have film processed as soon as possible after exposing. All types of film may be taken to your local Argus dealer for processing.

Putting

Even though you focus your camera lens on a certain distance, the picture will be sharp in front of and behind the point focused on. This "range of sharpness" (depth of field) depends on the lens opening used and the lens focusing distance.

The smaller the lens opening, and the greater the focusing distance, the greater is the lens' range of sharpness. The range of sharpness will be least when lens is used at its largest opening and shortest focusing distance.

Depth in your Pictures



With a large lens opening, range of sharpness is very shallow. Notice that only the boy is in focus.

When an outdoor picture requires that subjects at more than one distance be in focus, use the smallest lens opening possible with lighting conditions you have. To do this, you may need a shutter speed slower than you would normally use (see page 6).



With a small lens opening, the sharpness range extends to infinity, and everything is in focus.

Taking Flash Pictures



Unscrew the bottom cap of the flash unit and insert two size C PHOTOFLASH batteries or a BC unit (your Argus dealer can supply them). Be sure to use fresh batteries.

Plug the flash unit into the side of the camera. Insert a flashbulb (after attaching flash unit to camera) by aligning the pins in the bulb base with the slots in the socket, then pushing the flashbulb straight in DO NOT TWIST BULB WHILE INSERTING. Pressing the red button on top of the unit ejects the flashbulb.

Flashbulbs occasionally shatter, and to avoid any possible damage, a protective shield of translucent material may be used over the face of the reflector. Never use flash in an explosive atmosphere.

ALWAYS USE SHUTTER SPEED OF 1/25 SECOND () WITH ALL TYPES OF FLASHBULBS

Guide numbers are given in the table at the right for combinations of popular films and flashbulbs. To find the correct lens opening to use for each flash picture you take, just divide the distance to the subject into the appropriate guide number. Be sure to recalculate the correct lens opening whenever subject distance changes.

EXAMPLE: Using Kodachrome II Daylight color film and 25B (blue) bulbs, you focus on the subject and the range-finder dial reads 10 feet. Divide 10 into the guide number (80), and the lens opening to set on the lens will be $f/8$ (80 divided by 10 = 8). If the distance were 6 feet, the lens opening would be $f/13$ (halfway between $f/11$ and $f/16$).

Your camera can use any X-delay electronic flash unit with a flash duration of 1/750 second or longer (such as 1/500 second). Use any shutter speed from 1/25 to 1/300 second. Guide numbers for electronic flash units are furnished by the unit's manufacturer.

BE SURE TO USE 1/25 SECOND WITH ALL TYPES OF FLASHBULBS.

FLASH EXPOSURE GUIDE

FILM ▼	FLASHBULB ►	Sylvania Press 25B
ASA10 Films (Daylight)		52
Kodachrome II Daylight		80
Anacochrome 50 Daylight		125
Kodachrome-X or Ektachrome-X Daylight		140
Anacochrome 100 Daylight		180
FILM ▼	FLASHBULB ►	Sylvania Press 25
Kodacolor-X		180
Anso Versapan		230
Kodak Panatomic-X		160
Kodak Plus-X Pan		300

Care and cleaning

Your Argus C3 is a fine camera and worth caring for. To keep it in perfect working order, protect it from dust, moisture, and heat. Do not store the camera in your car's glove compartment or any other place where temperature tends to rise excessively.

The camera's lens is ground, polished, and coated with extreme precision. If it needs cleaning, blow off the dust first, then use a soft lens brush, or wipe gently with lens cleaning tissue. Use lens cleaning fluid sparingly and only if it becomes necessary. Never rub the lens hard.

See the back page of this booklet for important service information.



Using filters

The front of your camera lens has a built-in recess and standard Series V threads to hold Series V filters. Just drop the filter into the front of the lens and use a standard Series V lens shade or retaining ring to hold it in place. Filters and other lens accessories are available from your Argus dealer.

specifications

FILM SIZE: 35mm film magazine (size 135), 20 or 36 exposure, color or black-and-white film.

LENS: 50mm f/3.5 Argus Distar, color-corrected, coated anastigmat; lens openings f/3.5 to f/16; range-finder coupled focusing.

SHUTTER: Behind-the-lens type, speeds 1/10, 1/25, 1/50, 1/100, and 1/300 second plus B for time exposures; standard ASA cable release socket; synchronized for flashbulbs and X-delay electronic flash units (see page 12).

Record your camera's serial number (on bottom of camera) and keep it in a safe place for future reference.

LS3 exposure meter

This precision exposure meter slips onto the accessory shoe of your Argus C3 and tells you the exact lens opening to use for outdoor pictures. The LS3 eliminates all guesswork—no matter what the lighting may be. Its film speed range is from ASA5 to ASA800 for all types of films. Shutter speed and lens opening scales are matched exactly to those on your camera. Ask your dealer for this perfect accessory for your C3.



Argus unconditional guarantee

Your Argus C3 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, 2080 Lunt Ave., Elk Grove Village, Illinois 60007, 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.

CUSTOMER SERVICE DEPARTMENT, ARGUS, INCORPORATED

MAIN OFFICE	2080 Lunt Avenue, Elk Grove Village, Illinois 60007
METROPOLITAN NEW YORK	106 West 32nd Street, New York, New York 10001
WESTERN STATES AREA	4950 Colorado Blvd., Denver, Colorado 80216 3400 South LaCienega Blvd., Los Angeles, California 90016 215 Litterfield Avenue, South San Francisco, California 94080 1020 East Pine Street, Seattle, Washington 98122
IN CANADA	Davis Drive East, Newmarket, Ontario

service

For further information on the operation of your camera, or for servicing or replacement parts, see your Argus dealer or authorized service location or write to:

**CUSTOMER SERVICE DEPT.
ARGUS, INCORPORATED
2080 LUNT AVE., ELK GROVE
VILLAGE, ILLINOIS 60007**

When writing, mention you have the Argus C3 Standard Model, and list the serial number found on the bottom of the camera.

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