

# Chinon CE-5

## On line manual

**This manual can be used as a reference for many Chinon "Auto" cameras**

If the images are too small, I may have larger, almost identical images, from the CE-4 camera page.

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**INTRODUCTION** Welcome to the exciting world of CHINON photography. Your CHINON CE-5 electronic compact 35mm SLR represents state-of-the-art design and engineering. Employing a full information electronic viewfinder with variable intensity LED's, the CE-5 will be easy to operate even under the most adverse lighting conditions. The two stage electro magnetic shutter release button will permit metering operation (stage one) and shutter activation (stage two).

Your CHINON CE-5 is designed with built-in electronic auto focus contacts that will permit automatic AF operation when the camera's shutter release button is depressed when used with the new CHINON 35 - 70mm AF lens. This advanced feature ensures accurate focusing every time, since shutter activation will not occur unless the 35 - 70mm AF lens is in proper focus.

NOMENCLATURE.....4

SPECIFICATIONS FOR CE-5.....6

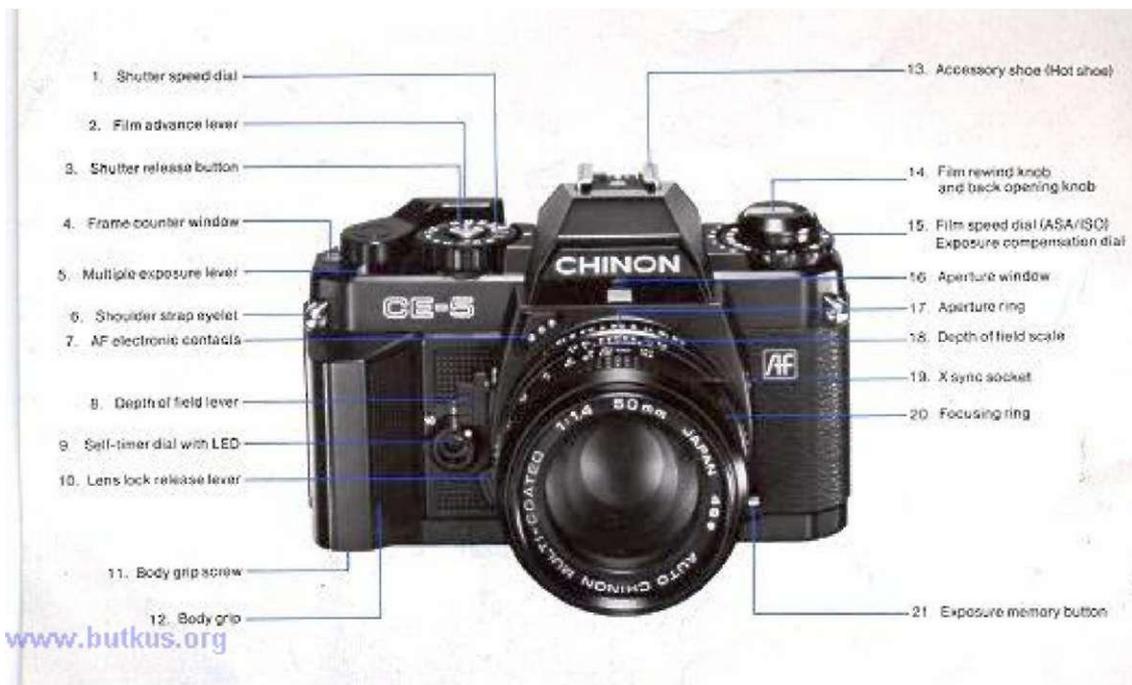
LENS MOUNTING.....	14
BATTERY INSTALLATION.....	16
BATTERY TESTING.....	20
FILM LOADING.....	22
FRAME COUNTER.....	26
FILM ADVANCEMENT.....	28
ASA SETTING.....	28
FOCUSING.....	30
AUTO FOCUSING.....	34
AUTOMATIC EXPOSURE.....	36
F STOP SELECTION.....	40
APERTURE WINDOW.....	40
SHUTTER RELEASE AND RELEASE LOCK . . .	44
UNLOADING EXPOSED FILM . . . .	46
DEPTH OF FIELD.....	48
USING A TRIPOD.....	50
SELF TIMER.....	52
MANUAL EXPOSURE.....	54
MULTIPLE EXPOSURE.....	58
EXPOSURE MEMORY.....	60
EXPOSURE COMPENSATION. . . . .	64
THE FLASH SYSTEM.....	66
CHINON POWER WINDER (PW-535). . . .	70
AUTO FOCUS 50MM MC F/1.7 LENS. . . .	72
AUTO FOCUS 35-70MM F/3.3-4.5 ZOOM LENS.....	73
INFO BACK IMPRINTING UNIT.....	74
INFO BACK-2 DIGITAL DATA-IMPRINTING UNIT.....	74

INFRARED PHOTOGRAPHY.....76

SHOULDER STRAP INSTRUCTIONS.....78

OPTIONAL ACCESSORIES.....80

CARE OF THE CAMERA



NOMENCLATURE

1. Shutter speed dial
2. Film advance lever
3. Shutter release button
4. Frame counter window
5. Multiple exposure lever\_
6. Shoulder strap eyelet
7. AF electronic contacts
8. Depth of field lever
9. Self-timer diet with LED
10. Lens lock release lever
11. Body grip screw
12. Body grip
13. Accessory shoe /Hot shoe)

14. Film rewind knob and teach opening knob
15. Film speed dial (ASA/ISO) Exposure compensation dial
16. Aperture window
17. Aperture ring
18. Depth of field scale
19. X sync socket
20. Focusing ring
21. Exposure memory button
22. Viewfinder eyepiece

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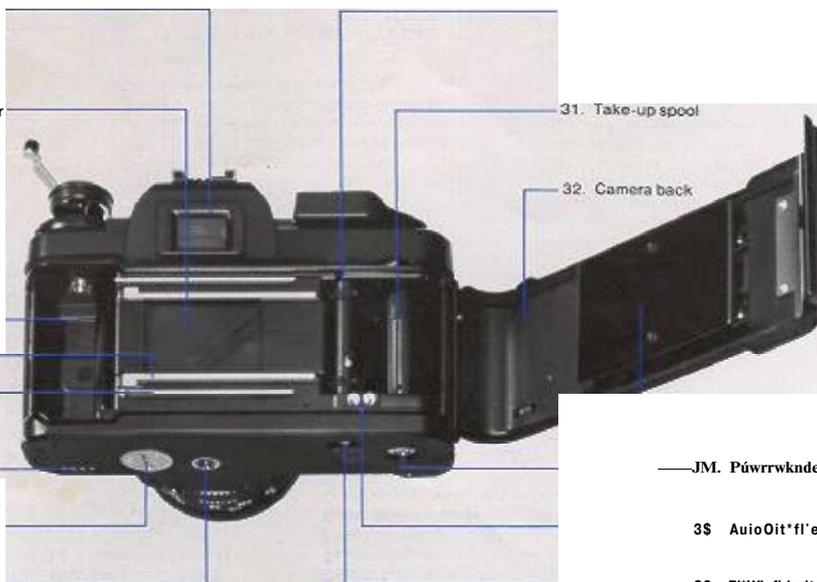
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www [butrus.org](http://butrus.org)

- 23. Metal focal plane shutter
- 24. Film chamber
- 25. Film rail
- 26. Film guide rail
- 27. Power winder electronic contacts
- 28 Battery chamber cover
- 29 Tripod socket
- 30 Sprocket teeth
- 31. Take-up spool
- 32. Camera back
- 33. Film pressure plate
- 34. Power winder coupler
- 35. Auto Date electronic contacts
- 36. Rewind button

#### SPECIFICATIONS FOR CE-5

**Type:** 35 mm automatic SLR (Single Lens Reflex) compact camera with aperture priority exposure system (AE).

**Picture Format:** 24 x 36 mm

**Film Loading:** Easy film loading by multi -slot take up spool.

**Lens Mount:** CHINON Bayonet Mount

**Standard Lenses:** CHINON 50 mm F/1.4,50 mm F/1.7,50 mm F/1.9,45 mm F/2.8,50 mm F/1.7 AF  
(All stop down to F/22)

**Mirror:** Large quick return, shockless system

**Shutter:** Seiko MFC electromagnetic metal focal plane shutter with downward vertical path; stepless speeds from 4 to 1/2000 sec. on automatic; 13 speeds from 2 to 1/2000 sec. on manual; "B". Both automatic and manual speeds electronically controlled.

**Shutter Release:** Two stage electromagnetic type with safety lock and provision for cable release.

**Viewfinder:** Fixed eye-level pentaprism, central split image with microprism collar and ground glass, 18 LED's indicate shutter speed, AF operation Flash sync, over/under exposure and low light condition in 3 different colors. Over/under exposure red LED will glow when exposure is 1 EV higher or lower. Aperture visible in the viewfinder.

**Viewfinder Magnification:** 0.87 x with 50 mm lens set at infinity.

**Viewfinder Visibility:** 92%.

**Depth of Field Preview:** By depressing depth of field lever.

**Exposure Meter:** TTL, Center weighted full aperture system employing two silicon blue photo cells located on each side of viewfinder.

**Exposure Preview:** By depressing shutter release half way metering system is activated.

**Manual Exposure System:** Complete manual override capability, match LED system.

**Memory Lock:** Built-in exposure memory lock system.

**Exposure Compensation:** Built-in + 1 EV in one third stop increments.

**Exposure Range:** EV-1 (F/1.4@ 4 sec.) to EV +20 (F/22@ 1/2000) A S A 100 50 mm F/1.4 lens.

**ASA/ISO Range:** 25-3200 (DIN 15-36) with safety lock.

**Film Advance:** Single stroke in an arc of 130° with 25° stand off, motorized film advance with CHINON POWER WINDER (PW-535).

**Multiple Exposure:** Built-in switch which disengages film advance and frame counter. Automatically resets to normal position after each film advancement. UNLIMITED.

**Film Counter:** Automatically indicates number of exposures and resets to "S" when camera back is opened. Does not advance during multiple exposure.

**Self-Timer:** Electronically controlled at 5 or 10 seconds with flashing red LED indicator together with a piezo ceramic buzzer (audible signal). Two seconds before exposure flashing frequency of red LED increases. Self-timer can be cancelled even after system has been activated...-

**Film Rewind:** By depressing the rewind button and cranking the rewind lever. Rewind button automatically resets when the film advance lever is turned.

**Accessory Shoe:** Hot shoe type with X sync. and contact for CHINON dedicated flash.

**Synchronization:** "X" strobe sync. at 1/60 sec.

**Flash System:** CHINON dedicated flash or most convention flashes.

**Special Contacts for CHINON AF lens:** Built-in with AF indicator in viewfinder (green LED). The shutter is not activated unless the lens is set to the correct focusing distance.

**Special Contacts for CHINON Auto Date:** Built-in

**Power Source:** Two 1.5V Alkaline batteries (SL44 A76) or silver oxide batteries (G-13, LR44, MS76). \_

**Battery Test:** Built-in with LED indicator.

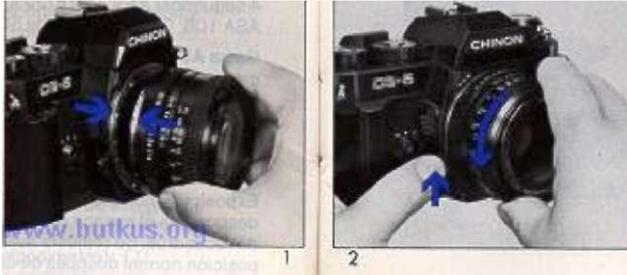
**Body Finish:** Black.

**Accessories:** CHINON Power Winders (PW-535 & PW-545), dedicated flashes, Info Back-2 data imprinting unit, Auto Date Quartz digital data imprinting unit, Super multi-coated lenses, Auto focus lenses, Deluxe carrying cases and many more.

**Body Dimensions:** 135.5 x 88 x 50.5 mm 5.33(W) x 3.46(H) x 1.99(D)".

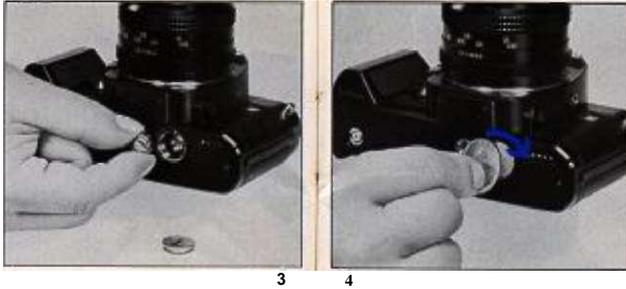
**Body Weight:** 490 grams (1 lbs. 1 oz).

## LENS MOUNTING



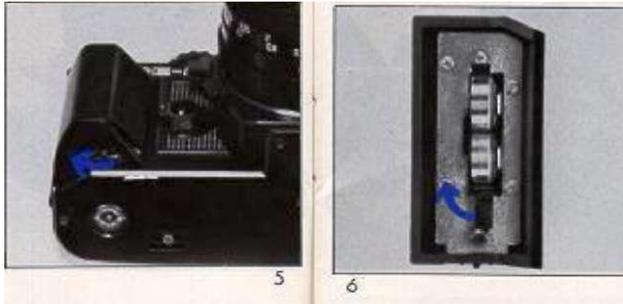
Your CHINON CE-5 is equipped with a CHINON bayonet mount which accepts all interchangeable lenses with the bayonet mount. To attach the lens, match the red dot on the camera body with the red dot on the lens (Fig. 1). Then insert the lens into the camera body and turn it clockwise until the lens locks with a click. To remove the lens from the camera body, depress and hold the lens lock release lever on the camera body, turn the lens counterclockwise as far as it will go, and lift it up from the body (Fig. 2).

## **BATTERY INSTALLATION**



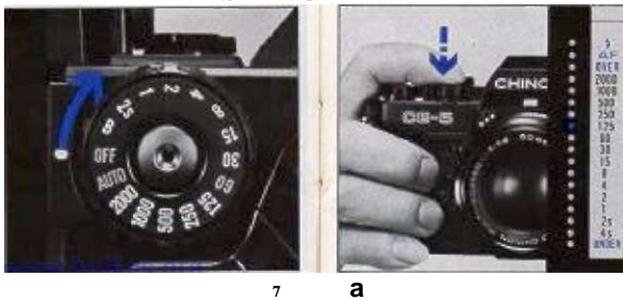
Using a coin, unlock the battery chamber cover by turning it counterclockwise. Place two 1.5V Alkaline batteries (SR-44, A-76) or equivalent (G-13, LR-44, MS-76) in the battery chamber with the negative (-) side facing downwards, or contacting the battery cap since the camera is now upside down for this installation (Fig. 3). Carefully insert the batteries into the camera body. Replace and tighten the cover securely by turning it clockwise (Fig. 4). **NOTE:** Clean the batteries with a dry cloth or paper before inserting and thereafter at regular intervals. Make sure that the batteries are inserted correctly, i.e., check polarity. The shutter will operate only when batteries are correctly installed and not exhausted.

### Body Grip (Spare battery storage compartment)



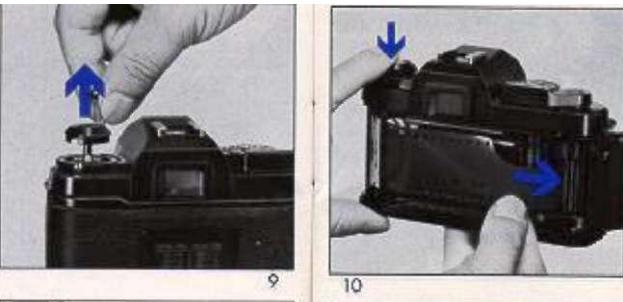
Your CHINON CE-5 camera has a convenient spare battery storage compartment. You may store one set (2 pes) of spare batteries in the storage compartment. To remove the body grip turn the screw on the bottom of the body grip counterclockwise until it stops and remove the body grip from the body (Fig. 5). Insert the batteries separately into the holes provided on the grip. Replace and tighten the body grip by turning it clockwise . To remove the batteries from the compartment, pull out on the battery holding lever (Fig. 6).

### BATTERY TESTING

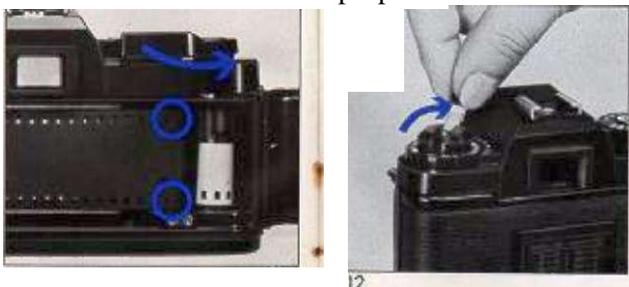


Set the shutter speed dial to any shutter speed setting (except "B" and "OFF" position) (Fig. 7), and while looking at the shutter speed indicator scale in the viewfinder, slightly depress the shutter release button. If the batteries are in good condition (battery potential is high enough), at least one of LED indicators (except the top two LED's) will light up. (Fig. 8) If a LED fails to illuminate, the batteries are too weak and need to be replaced, they are incorrectly inserted, or the shutter speed dial is set in "OFF" or "B".

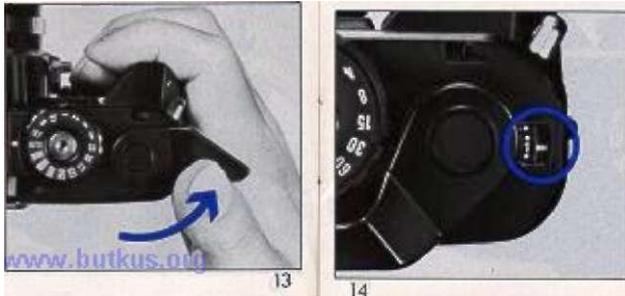
### FILM LOADING



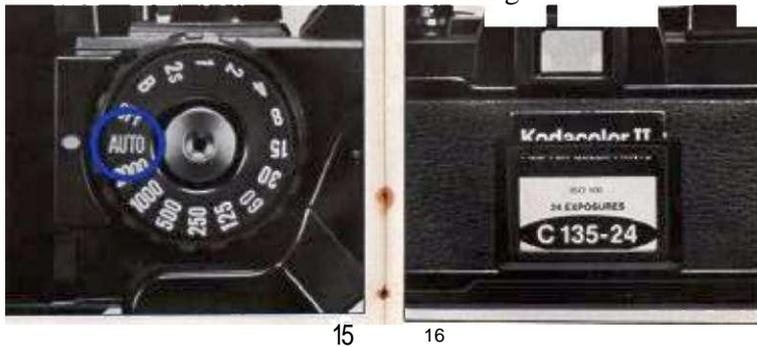
Pull out the film rewind knob until the camera back pops open (Fig. 9). Then drop a film cartridge into the film chamber with its protruding end facing the bottom of the camera (Fig. 10). Push in the film rewind knob and slightly turn the knob in either direction until it catches the film cartridge spool. Insert the trimmed end of the film into a slot of the multi-slotted take-up spool.



Turn the shutter speed selector to any setting except "AUTO" or "OFF" and advance the film while holding the film lightly down on to the transport sprockets. Release the shutter if necessary and advance the film until the sprockets engage with the upper and lower perforations of the film (Fig. 11). Then close the camera back firmly until it locks with a click. Now turn the film rewind knob gently until all the slack is taken up and the rewind knob stops. Do not force or further rewind the film (Fig. 12).



Advance the film and release the shutter three times (Fig. 13). The rewind knob should rotate counterclockwise as the film is advanced and the "1" mark mg^u^a^n id^ frame counter window (Fig. 14).



Turn the shutter speed dial to the "AUTO" position (Fig. 15). A convenient memo holder is provided on the back of your camera. Whenever you load new film, just cut off the top of the film box and put it in the memo holder as a reminder. (Fig. 16).

### FRAME COUNTER



17

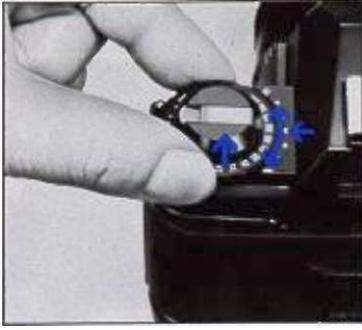
Your CHINON CE-5 is equipped with a frame counter which displays the number of exposures made and resets automatically upon opening the camera back.

At the very beginning the counter shows "S" indicating the start of the picture taking process. When a film is loaded according to the procedure previously described, the counter displays "1" indicating that the camera is ready for the first exposure. Every time the film advance lever is turned the counter will proceed one stop forward. The numbers 24 and 36 are colored in orange to warn the end of commonly available films (Fig. 17).

### FILM ADVANCEMENT

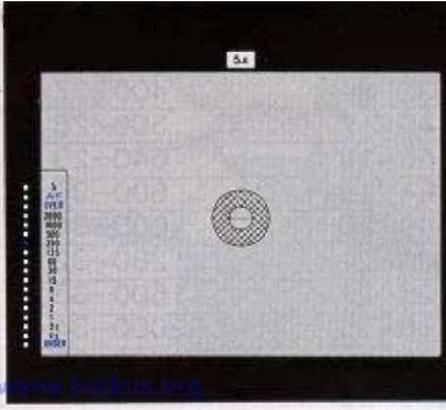
When the film end is reached the film advance lever may stop before the lever is fully turned. Do not force the lever. Stop winding at once and rewind the film. Refer to "UNLOADING EXPOSED FILM."

## ASA SETTING



The film speed dial located on top of the camera is coupled directly to the internal exposure control circuitry and the correct exposure factor for the film is automatically set by aligning the ASA number of the film you are using with the index mark on the camera body (Fig. 18). The ASA number of the film is printed on the film box or in the instruction sheet packed with the film. Pull out the film speed dial and turn the dial to align the appropriate ASA number with the green index mark. Be sure to check the ASA number whenever you put new film into the camera.-..

## FOCUSING



At the center of the viewfinder is the split image with microprism collar which is then surrounded by ground glass. When the camera is in focus, the image on these focusing aids becomes sharpest.



While observing the subject through the viewfinder, turn the lens focus ring until the upper and lower split images match up to form a uniform image (Fig. 19). This split image focusing is particularly helpful when the subject is dominated by vertical lines. The microprism is also very helpful. When it is out of focus, the image on the microprism will be composed of a collection of asterisks (Fig. 20). These sparkling asterisks will disappear when the focus is properly set. You can double check the focus setting by the image on the ground glass.



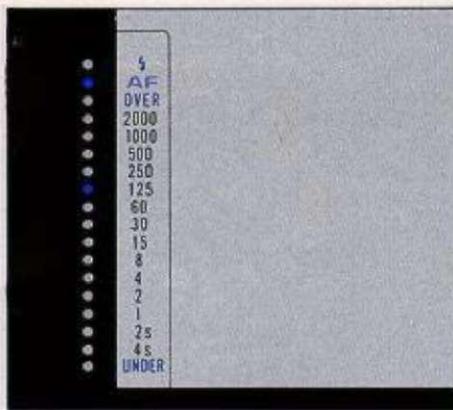
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You can also focus indirectly. Actually measure or estimate the distance to the subject and set the lens focus ring to the appropriate setting (Fig. 21).

**AUTO FOCUSING**



22

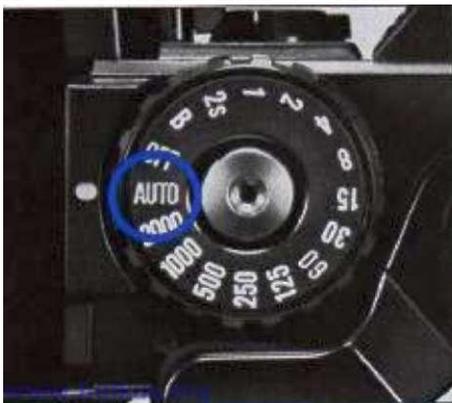


23

Your CHINON CE-5 has built-in AF electronic contacts which activate CHINON 35 - 70mm Auto Focus Lens by depressing the shutter release button of the camera or the Auto Focus Button on the auto focus lens unit. To activate the AF system, operate the film advance lever, look through the viewfinder, center the subject by utilizing the split image with micrprism collar in the viewfinder, then depressing the shutter release button halfway. The focusing ring will automatically rotate until the subject is in focus (Fig. 22). You may also focus by depressing the auto focus button on the auto focus lens unit. When the camera is in focus, the green AF LED in the viewfinder will glow (Fig. 23) and the shutter can be released.^

[Webmaster: the auto focus lens described are very rare and hard to find]

**AUTOMATIC EXPOSURE**



24



25

Your CHINON CE-5 features TTL, center weighted full aperture light measuring automatic exposure control. As long as the shutter speed dial is set in "AUTO" you don't have to worry about the exposure factor (Fig. 24). The sensitive and accurate internal circuitry will compute the correct exposure for the photographic condition and control the