

**Canon**

# EOS 850·750·750QD



**E**

INSTRUCTIONS  
English Edition

**F**

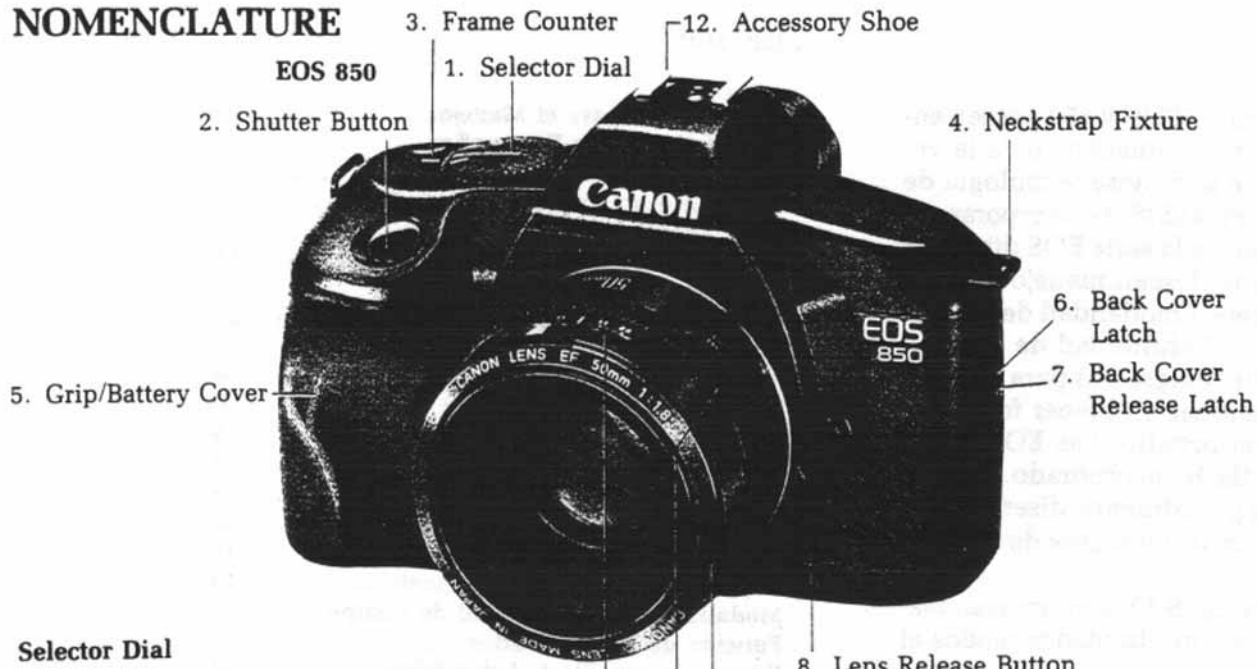
MODE D'EMPLOI  
Edition française

**S**

INSTRUCCIONES  
Edición española

# NOMENCLATURE

EOS 850



## Selector Dial



8. Lens Release Button  
10. Manual Focusing Ring  
9. Focus Mode Switch  
EOS 750/750QD

13. Flash Head

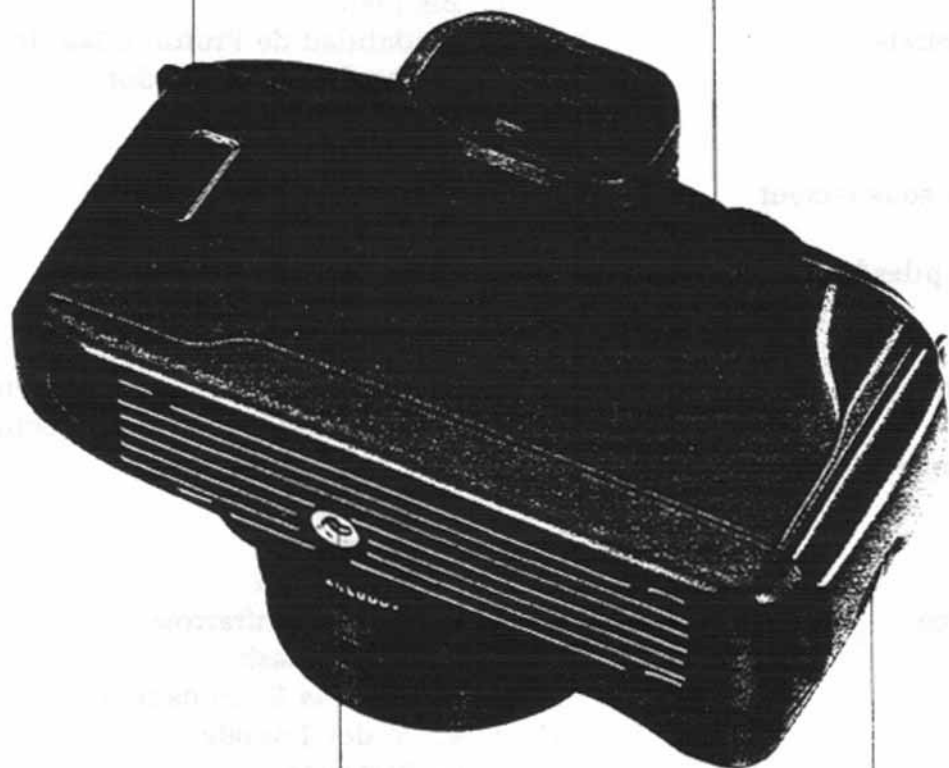
14. AF Auxiliary  
Light Emitter

15. Flash  
Switch



19. Film-load Check Window

18. Back Cover



17. Tripod Socket

16. Grip Screw

# Introduction

The Canon 750, 750QD and 850 feature high-speed automatic focus and exposure. Incorporating much of the highly acclaimed technology in previous EOS models, these new additions to the EOS series are aimed at the photographer who wants simple operation.

These models feature "Evaluative Metering," "Depth-of-Field" shooting mode, and continuous frame shooting to make picture taking uncomplicated, and results the envy of others. The EOS 750 and 750QD have a built-in flash that fires automatically without separate batteries. The 850 has a specially designed flash unit, the Speedlite 160E which utilizes a lithium battery for quick recharging.

All EOS EF lenses are interchangeable allowing you unlimited views of portraying your subject. Please read this instruction book carefully for a thorough understanding before using the camera.

While reading these instructions unfold the front page of this booklet for easy reference to the camera's parts.



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- 1) This camera is not resistant to water, and should not be used outdoors if snowing. If accidentally dropped in water, contact an authorized Canon Service Facility. Keep the camera out of salt spray, and excessive humidity. If used at the beach, clean it thoroughly afterward with a dry cloth.
- 2) Do not attempt to disassemble the camera yourself. Always take it to an authorized Canon Service Facility for repair.
- 3) Remove the battery if you do not expect to use the camera for about three weeks or longer.
- 4) When storing the camera, wrap it in a clean, soft cloth and then place in a cool, dry, dust-free place. Be sure to keep the camera out of direct sunlight, and away from "hot spots" such as the trunk or rear window shelf of a car. Avoid places where moth balls are used, and in excessive humidity, use a desiccant.
- 5) Carefully check the operation after prolonged storage.
- 6) The battery may explode or cause burns if disassembled, recharged, shorted, exposed to high temperatures, or disposed in fire.
- 7) Color reproduction may be adversely affected if film is left in the camera for a long time. Always develop exposed film promptly.
- 8) Film passing through x-ray examinations at airports may be exposed and ruined even when loaded in the camera. Request a hand-checked inspection to avoid damage.

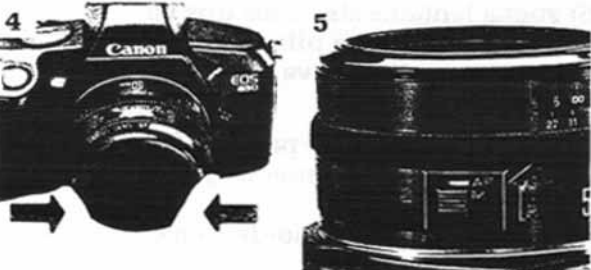
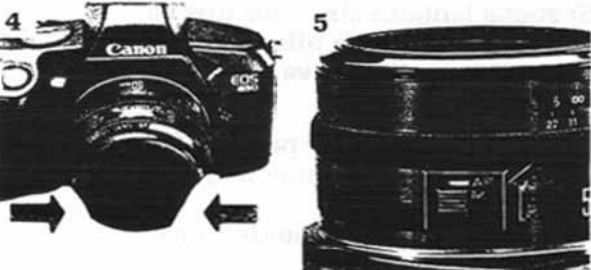
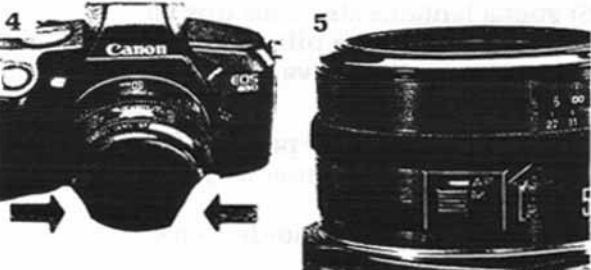
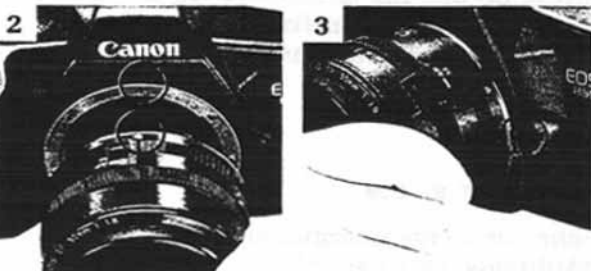
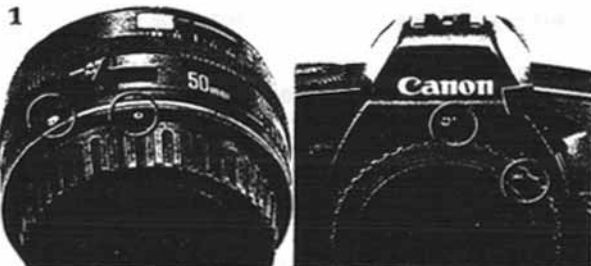
## Shooting Preparations

### 1. Lens Attachment

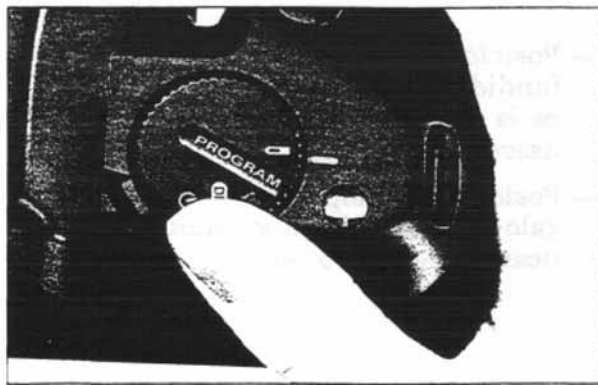
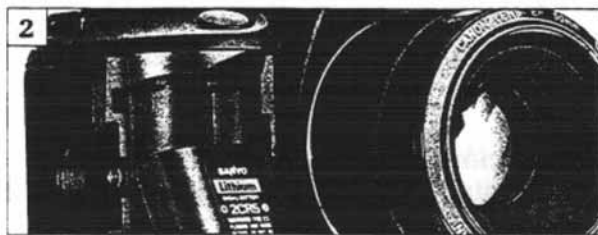
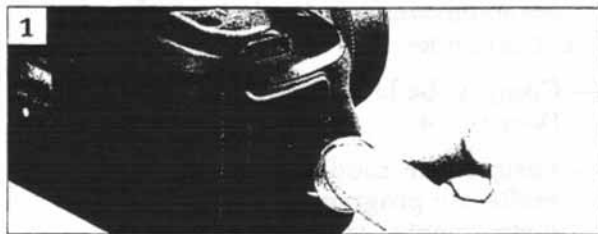
- 1) Remove the rear lens cap and body cap by turning counterclockwise.
- 2) Align the lens mount positioning point with the camera's red dot.
- 3) Turn the lens clockwise until it stops, and is locked into place with a click.
- 4) Remove the front lens cap.
- 5) Slide the lens focus mode switch to "AF".
  - To remove the lens, push the lens release button, while turning counterclockwise.
  - To attach the rear lens cap and the body cap, align the "O" mark with the red dot, and turn clockwise.

### CAUTION

- Be sure to place the lens' front end down to avoid damaging the electronic contacts.
- The electronic contacts must be clean for proper connection. Do not touch these contacts.



## 2. Battery Load



- 1) Remove the grip with a coin.
- 2) Load the battery so that its terminals are up and facing the camera.
- 3) Replace the grip securely.
  - Be sure to follow the disposal precautions on the battery package.
  - Make sure the battery terminals and camera contacts are clean for proper contact.

## Battery Check

Rotate the selector dial to “**B**”.



Battery power is OK if the beeper tone emits rapidly, about eight times per second. If it emits slowly, about two times per second, have a new battery handy. Replace the battery if no tone emits.

- Take a spare battery along when shooting weddings, trips, or other situations where you might take a lot of photos.
- See p. 69 for shooting capacity.



### 3. Selector Dial

The Selector Dial acts as the control center. There are five positions.

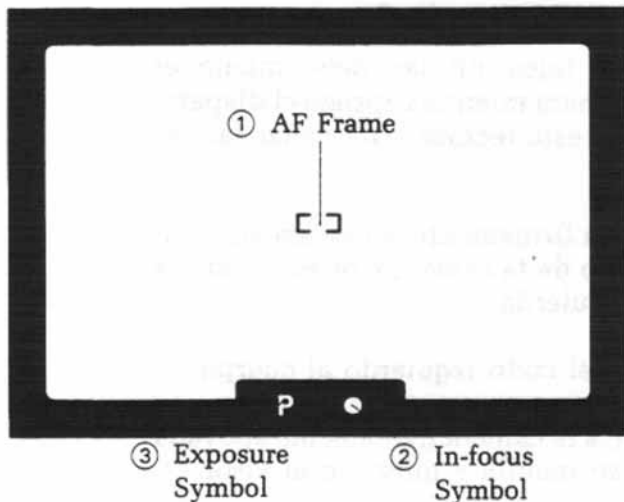
-  — Checks battery power. (See p. 15)
- Program — Program Shooting position. The shutter speed and the aperture value are automatically set. Set here for basic operation. (See p. 29)
- L — OFF position. Be sure to set at this position to prevent accidental shutter release.
- DEP — Depth-of-Field Shooting position. The focus zone is set as desired. (See p. 43)
-  — Self-timer position. Set here for unmanned shooting. (See p. 47)



#### 4. Viewfinder Information

Inside the viewfinder there are three indicators to be aware of.

- 1) AF Frame [ ] — Place this frame over the subject.
- 2) In-focus Symbol ● — Lights when subject is in focus.
- 3) Exposure Symbol **P** — Lights when exposure is okay.



① Le collimateur autofocus/Marco AF

② Le symbole de mise au point/  
Símbolo de “enfocado”

③ Le symbole d'exposition/  
Símbolo de exposición

## 5. Camera Handling

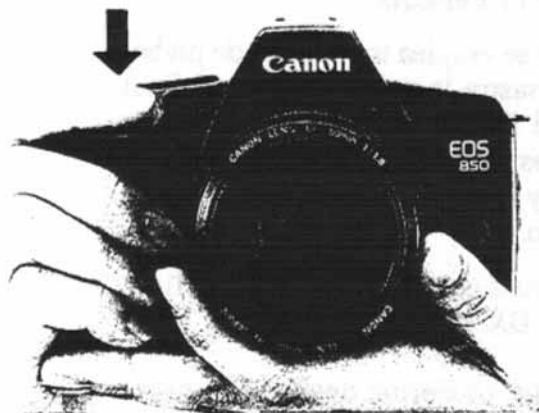
### Camera Holding Tips

Good pictures require that the camera be held very still when the shutter button is pressed. Try this camera-holding technique to avoid disappointments.

- 1) Hold the camera firmly with your left hand supporting the body and lens.
- 2) Keep your left elbow close to your body.
- 3) Lightly hold the camera against your nose, and look into the viewfinder.
- 4) Spread your feet about shoulder width for a steady, natural stance.
- 5) Be careful not to touch the front of the lens during autofocus.

There is no one correct way to hold the camera, so experiment to find the most comfortable way. If possible, lean against a steady support such as a tree, wall, or table to help you keep the camera still.





## Shutter Button Action

Pressing the shutter button activates three functions depending on the amount of pressure applied.

- 1) Press halfway for automatic focus and exposure metering. When the subject is in focus the lens stops moving and the in-focus symbol "●" lights up.
  - 2) Press completely to take the picture.
  - 3) Press and hold completely for continuous shooting. (See p. 33)
- The shutter cannot be pressed completely if the subject is not in focus.

Shutter button action plays an important part in taking sharp pictures. A quick stroke with the tip of your finger or fingernail may cause unnecessary camera movement called "camera shake." The photo on the left illustrates the result of camera shake.

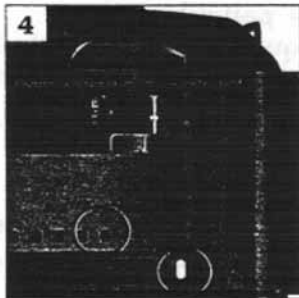
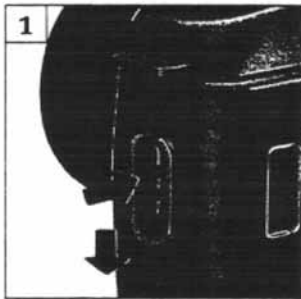


## 6. Film Handling

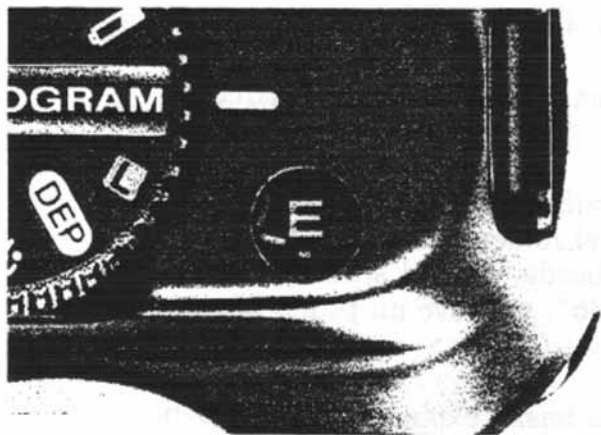
### Loading the Film

A pre-wind film system utilized in this camera immediately winds the film to the end when loaded. During shooting, the frame counter shows the remaining number of frames left as the film is rewound into the cartridge.

Use only DX-coded 35mm film. Film without a DX-code is set to ISO 25.



- 1) Open the back cover by pushing the latch down while pressing the lock release button.
- 2) Insert the flat end of the film cartridge first and then push the bottom in.
- 3) Carefully pull the film tip across until it reaches the orange mark.
- 4) Make sure that the film perforations are properly engaged with the sprocket teeth.
- 5) Close the back cover. The camera immediately advances the film to the end of the roll.



- The film has not been loaded correctly if “E” appears in the frame counter and a beeper tone emits. Reload the film.
- You can confirm that film is loaded by the film-load check window.

#### CAUTION

- Avoid touching the film sensor contacts.
- **NEVER** touch the shutter curtain. Its high-precision design makes it sensitive to pressure.



#### Removing the Film

An “E” in the frame counter indicates the roll is finished. Remove the film.

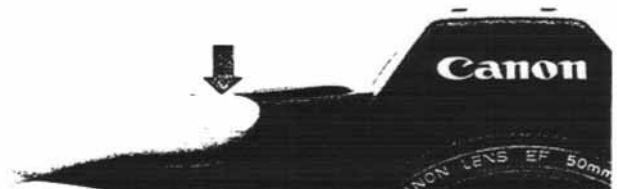
If the film is not removed, a quick beeper tone sounds if the shutter button is pressed.

## Taking Pictures

### 1. Program Shooting

- 1) Set the selector dial to "PROGRAM".
- 2) Put the AF frame over the subject.
- 3) Press the shutter button halfway to start automatic focus. When the subject is in focus, the in-focus symbol "●" lights up, and the short beeper tone sounds.
- 4) Make sure the exposure symbol, "P" lights up steadily for good exposure.
- 5) Gently press the shutter button completely to take the picture.

Please be aware of your lens' closest focusing distance. If you are too close to the subject, "●" will blink. Remove your finger and step back until "●" stops blinking.





- When focus is impossible “●” will blink, and the shutter will not release. (See p. 37)
- If “P” blinks slowly, about four times per second, this is the camera-shake warning. Use a tripod or a flash.
- A rapidly blinking “P” about eight times per second warns of incorrect exposure. Use neutral density filter in bright settings, and switch to flash photography in dark settings.
- The EOS 750/750QD has a built-in flash that operates automatically. (See p. 49)

## 2. Continuous Shooting

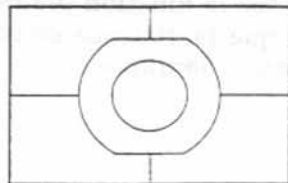
To shoot pictures continuously, simply hold the shutter button down completely. Be sure the selector dial is set at Program. In continuous shooting, the lens continues refocusing as necessary, and exposure is determined at shutter release.

- Intelligent Program AE

"Intelligent Program AE" is the ideal program line, that is the appropriate shutter speed and aperture for the lens. It takes into account the maximum or minimum aperture, and focal length. (See p. 71)

- Evaluative Metering

Advanced "evaluative metering" automatically recognizes lighting conditions, subject pattern and size for good exposure without exposure compensation even if the subject is backlit.





### 3. Focus Lock

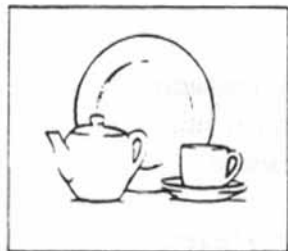
When your subject isn't in the center of the picture frame, use the focus lock function. Focus on the intended subject remains locked as long as the shutter button is held halfway. This function lets you vary composition by putting the subject off-center.

- 1) Put the AF frame over the subject, and press the shutter button halfway to lock focus.
- 2) Reframe the picture as desired while pressing the shutter button halfway.
- 3) Then press the shutter button completely to take the picture.
  - When using focus lock, be sure that the distance between you and the subject does not change.



## 4. Autofocus Considerations

Although the autofocus system is very accurate, there are some subjects that present some difficulty.



1



2

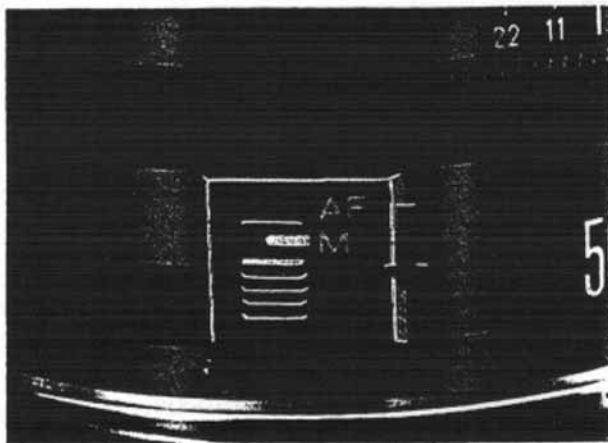
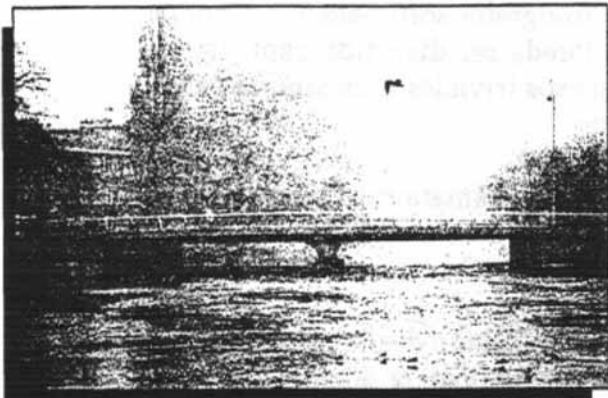


3



5

- 1) Subjects with low contrast (misty scenes, light-colored or white objects).
- 2) Subjects with extremely low-light situations (a dark room, night scenes).
- 3) Subjects having generally horizontal patterns (window blinds).
- 4) Subjects in extremely strong backlight with strong reflections.
- 5) Subjects with an object in front of them (caged animals).
- 6) Fast-moving subjects (difficult to keep within the AF frame).



Focus these subjects as follows:

1. Use the focus lock function on a substitute subject next to the intended subject, and then recompose the picture.
2. Hold the camera vertically and use the focus lock function.
3. Manually focus the subject following the steps below.

### Manual Focusing

- 1) Slide the lens focus mode switch to "M".
- 2) Turn the manual focusing ring until the subject is sharp.

## 5. Composition Tips

Make picture-taking more than just a special occasion affair. Everyday events or just a stroll in the park can be fun to capture on film.

The camera's position has a significant influence on the subject's rendition.

- A. Kneel down and shoot from a low angle to heighten action and drama.
- B. Aim from the subjects eye-level when photographing people, especially children.
- C. Watch your position when shooting horizontally, and be sure to include everything in the picture.
- D. Vertical shots emphasize a subject's height and depth.
- E. Move closer to the subject for increased emphasis.
- F. Place the subject off-center to include the background.

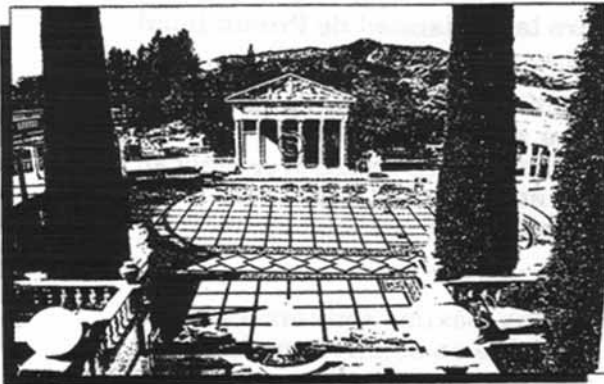
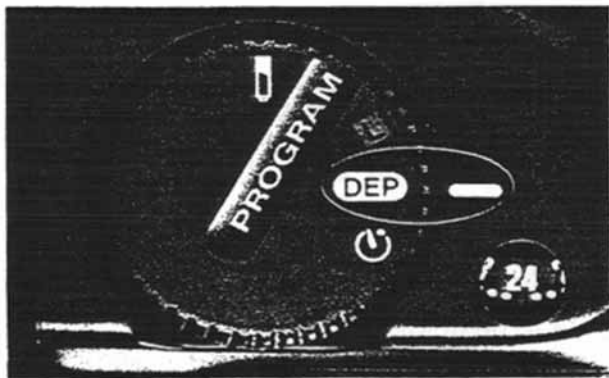


B



F

## Depth-of-Field Shooting



Use Depth-of-Field Shooting to create a sense of “depth” in your pictures by focusing on two points. The flash and continuous shooting cannot be used in this mode.

- 1) Set the selector dial to “DEP”.
- 2) Put the autofocus frame over the first point **A**, the foreground, and press the shutter button halfway.
- 3) Remove your finger when the focus symbol “●” blinks, and a short beeper tone sounds.
- 4) Repeat steps #2 and #3 for the second point **B**, the background.
- 5) Reframe the picture. Press the shutter button halfway. The “●” lights up, and a short beeper tone sounds.
- 6) Gently press the shutter button completely to take the picture.

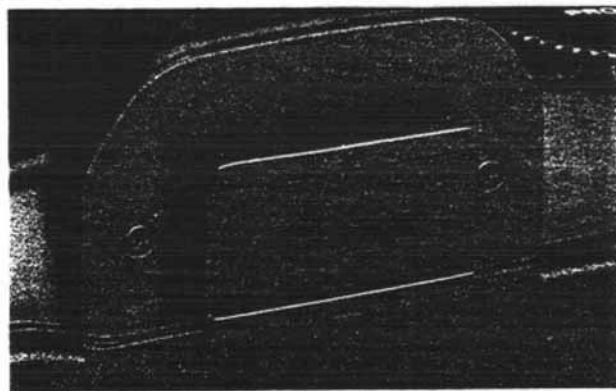
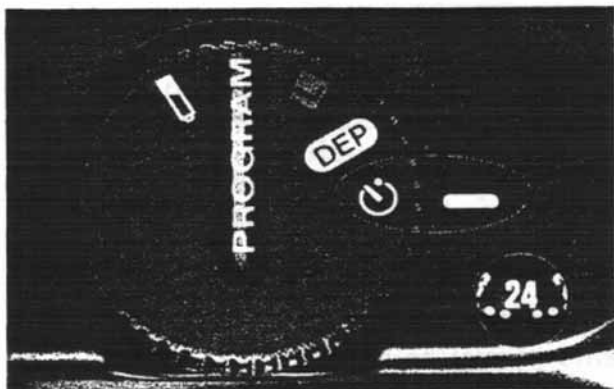


- Set the selector dial to "L" to cancel this function.
- When focusing extremely near and far points the automatically-set shutter speed will be comparatively slower, and "P" blinks to warn of camera-shake.
- In step #5, if it is impossible to get the distance range in focus, "●" blinks. Exposure, however, will be still be okay.


### **Depth-of-Field Shooting Hints**

- Use a wide-angle lens to obtain a deep zone of focus.
- Zone of focus will be shallow if two points are focused at the same point. A telephoto lens is recommended for portraits.
- A lens focal length of more than 200mm is not recommended when you want a deep zone of focus.

## Self-timer Function



The self-timer function delays shutter release for 10-seconds to include yourself in the picture.

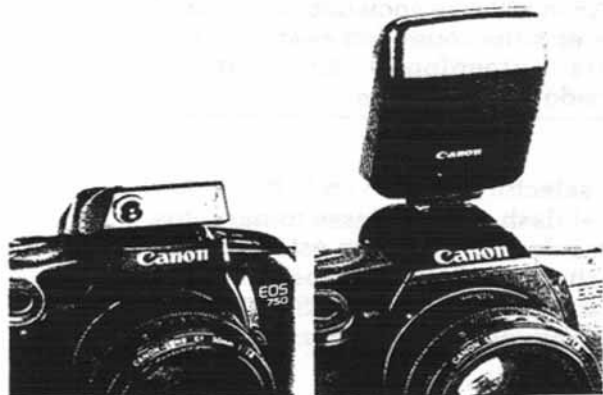
- 1) Set the selector dial to “”.
- 2) Put the AF frame over the subject, and press the shutter button halfway.
- 3) Make sure the symbols are not blinking, and press the shutter button completely.
  - The beeper tone sounds slowly, and then rapidly two seconds before the picture is taken.
  - Set the selector dial to another position to cancel this function.
  - Be sure to place the camera on a steady surface, or use a tripod.
  - If you are the subject, put the AF frame on an object located where you will be.
  - If your eye will not be at the viewfinder when the shutter is released, use the viewfinder cover on the neckstrap as shown to prevent stray light from entering.

## Automatic Flash Photography



**EOS 750**

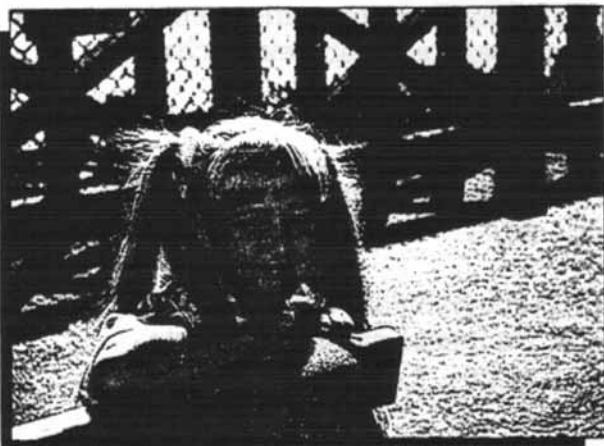
**EOS 850  
with  
Speedlite 160E**



The built-in flash on the EOS 750 and EOS 750QD features automatic TTL flash control. The flash operates automatically in low light, or when the subject is backlit to supplement insufficient lighting (fill-in flash). For the EOS 850, the Speedlite 160E, sold separately, operates under the same conditions.

- Remove the lens hood to prevent partial darkening of the picture.
- 1) Slide the flash switch to the auto position.
  - 2) Put the AF frame over the subject, and press the shutter button halfway. If flash is needed, the flash head pops up automatically.
  - 3) Press the shutter button completely to take the picture. After firing, the flash head retracts automatically.
- A subject's eyes may appear red in flash photos due to the light reflected from the retina. To minimize this, have the subject avoid looking directly at the camera.





- Automatic Flash Coupling Range Chart (based on f/2.8)

Slide Film	Color Print Film
ISO 100 3.3 - 14.1ft 1.0 - 4.3m	2.3 - 19.7ft 0.7 - 6.0m
ISO 400 Up to 27.9ft/8.5m	Up to 39.4ft/12.0m

- Fill-in Flash Shooting Distance Range:  
Up to 11.4ft/3.5m

• The AF auxiliary light automatically emits in extremely dark settings for autofocus. The distance range is approximately 3.3 - 13.1ft / 1.0 - 4.0m.



- Set the flash switch to "OFF" to cancel the flash when you want to take pictures of sunsets, or are in places where flash use is not allowed, (e.g. theaters, museums).
- Before using a clip-on flash with the EOS 750 or 750QD, be sure the camera's flash head is down.

## Date Imprint Function



- ① Display Panel/Ecran LCD/Panel de Indicación
- ② Imprint Format Selector - marked "MODE"/  
Sélecteur de format d'impression - bouton  
"MODE"/Selector de Formato de Impresión -  
Marcado "MODE"
- ③ Position Selector/Sélecteur de position/Selec-  
tor de Posición
- ④ Set Button/Touche de réglage/Botón de Ajuste

The EOS 750QD imprints the date on pictures automatically to make it easy to recall a special date or time.

A battery is included in the date back at the time of purchase.

A built-in calendar programmed through December 31, 2019 automatically compensates for long and short months and leap years.

Imprint Formats/Format d'impression/Formatos de Impresión

'88 9 15

Year/Month/Day  
Année/mois/jour  
Año/Mes/Día

9 15 '88

Month/Day/Year  
Mois/jour/année  
Mes/Día/Año

15 18:36

Day/Hour/Minute  
Jour/heure/minute  
Día/Hora/Minuto

15 9 '88

Day/Month/Year  
Jour/mois/année  
Día/Mes/Año



## 1. Selecting the Imprint Format

Each time the imprint format selector (gray button marked "MODE") is pressed, the format changes in the following sequence:



The format appearing in the display panel will be imprinted.

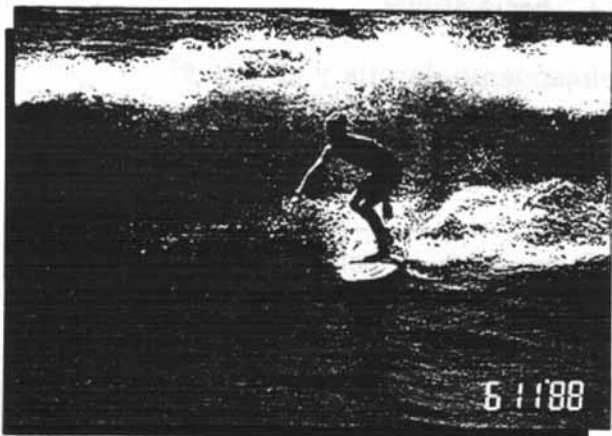
If **no** date imprint is desired, make sure the hyphens appear in the display panel. They will **not** appear on the print.

The date imprint confirmation mark "—" flashes after the shutter button is pressed indicating that the date has been imprinted.

## 2. Setting the Date and Time

When the position selector is pressed, the digits at that position start blinking. The position selector changes in the following order: year, month, and date. M appears above the month position.

1. Press the position selector to the desired position.
  2. Press the set button to enter the desired number.
  3. Press the position selector again to complete setting.
- Each press of the set button increases the flashing numeral by one. If the button is held down, the numeral increases quickly. (Simulated date on photos)

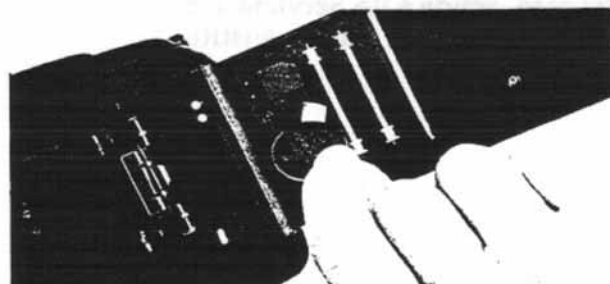
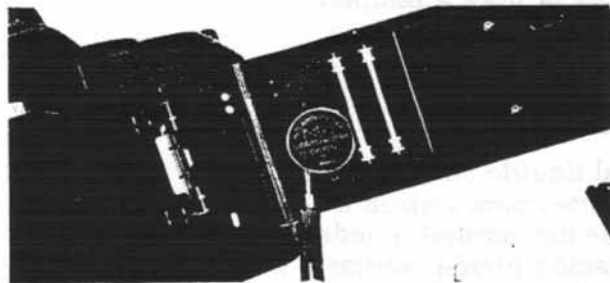
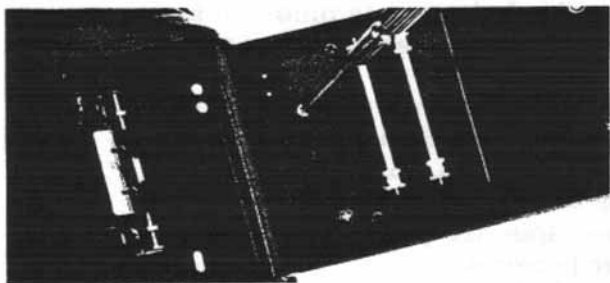


### 3. Replacing the Date Back Battery

Replace the date back battery when the date does not appear clearly on the picture. The date back uses one CR2025 3V lithium battery, about the size of a coin.

- 1) Remove the battery chamber cover inside the back cover with a small Phillips-head screwdriver.
- 2) Remove the battery and load a new battery with the “+” side facing out.
- 3) Reattach the battery chamber cover and tighten the screw.
- 4) Reset the date and time.

Make sure there is no film in the camera when changing the date back battery.





**Note:**

All the date displays in this instruction booklet are simulated.

**Note:**

Tous les affichages de la date présentés dans ce mode d'emploi sont simulés.

**Nota:**

Todos los datos presentados en este instrucciones son simulados.

- Keep the battery away from children. If swallowed, contact a physician immediately.
- The date is imprinted in orange when using color film. If the background of the data imprinting area is bright, the data may not appear clearly on the film.
- The date may appear blurred depending on the kind of film.
- Do not imprint the time in temperatures below 14°F/10°C.

### Liquid Crystal Display

Liquid crystal is used in the display panel and other parts for imprinting. There is a possibility that a lack of contrast or blur in the digital display may occur after about five years of normal use. If this should occur, contact an authorized Canon Service Facility for replacement at owner's expense.

Lens/Objectif/Objetivo	Angle of View/ Champ/ Ángulo de toma	Construction/ Construction/ Construcción	Minimum Aperture/ Ouverture minimum/ Abertura mínima	Closest Focusing Distance/ Mise au point minimum/ Mínima distancia de enfoque		Filter Size/ ø filtre/ Tamaño del filtro (mm)	Length/ Longueur/ Longitud		Weight/ Poids/ Peso	
				(m)	(ft)		(mm)	(in.)	(g)	(oz)
EF 28-70 mm f/3.5-4.5II	75°-34°	9-10	22-29	0.5	1.75	52	75.6	3"	285	10.1
EF 35-70 mm f/3.5-4.5	63°-34°	8-9	22-29	0.5	1.75	52	63	2-1/2"	245	8.6
* EF 35-70 mm f/3.5-4.5A	63°-34°	8-9	22-29	0.5	1.75	52	75.6	3"	230	8.1
EF 35-105 mm f/3.5-4.5	63°-23°30'	11-14	22-29	1.2	4	58	81.9	3-1/4"	400	14.1
EF 35-135 mm f/3.5-4.5	63°-18°	12-16	22-29	1.5	5	58	94.5	3-11/16"	475	16.8
EF 50-200 mm f/3.5-4.5	46°-12°	13-16	32	1.5	5	58	146.4	5-3/4"	690	24.4
EF 50-200 mm f/3.5-4.5L	46°-12°	14-16	32	1.5	5	58	145.8	5-3/4"	695	24.5
EF 70-210 mm f/4.0	34°-11°20'	8-11	32	1.5	5	58	137.6	5-7/16"	605	21.4
* EF 100-200 mm f/4.5A	24°-12°	7-10	32	1.9	7	58	130.5	5-1/8"	520	18.4
EF 100-300 mm f/5.6	24°-8°15'	9-15	32	2	7	58	166.8	6-9/16"	685	23.9
EF 100-300 mm f/5.6L	24°-8°15'	10-15	32	2	7	58	166.6	6-9/16"	695	24.3
* Extender EF 1.4 × <sup>3</sup>	—	4-5	—	—	—	—	27.3	1-1/16"	200	7
Extender EF 2 × <sup>4</sup>	—	5-7	—	—	—	—	50.5	2"	240	8.4
Life-Size Converter EF <sup>5</sup>	—	3-4	—	—	—	—	34.9	1-3/8"	160	5.6

- Extender EF 1.4 × is for exclusive use with EF 200 mm f/1.8 L, EF 300 mm f/2.8 L and EF 600 mm f/4.0 L.
- Extender EF 2 × is for exclusive use with EF 200 mm f/1.8 L and EF 300 mm f/2.8 L.
- Life-Size Converter EF is for exclusive use with EF 50 mm f/2.5 Compact-Macro.

- Le multiplicateur EF 1.4 × est destiné exclusivement aux objectifs EF 200 mm f/1.8 L, EF 300 mm f/2.8 L et EF 600 mm f/4.0 L.
- Le doubleur EF 2 × est destiné exclusivement aux objectifs EF 200 mm f/1.8 L et EF 300 mm f/2.8 L.
- Le convertisseur 0.25-1/1 EF est destiné exclusivement à l'objectif macro-compact EF 50 mm f/2.5.

- El multiplicador EF 1.4 × es para uso exclusivo con los EF 200 mm f/1.8 L, EF 300 mm f/2.8 L et EF 600 mm f/4.0 L.
- El multiplicador EF 2 × es para uso exclusivo con los EF 200 mm f/1.8 L y EF 300 mm f/2.8 L.
- El convertidor a Tamaño Real EF es para uso exclusivo con el Macro-Compacto EF 50 mm f/2.5.

- All EF zoom lenses have a built-in macro mechanism except the EF 100-200 mm f/4.5A.
- Tous les objectifs EF zoom sont dotés du mécanisme macro sauf l'EF 100-200 mm f/4.5A.
- Todos los objetivos EF zoom tienen un mecanismo macro incorporado excepto el EF 100-200 mm f/4.5A.

• Porte-filtre / Sujetador de filtro

- \*1 EF 15 mm f/2.8 fish-eye / Ojo de pez EF 15 mm f/2.8
- \*2 Macro-compact EF 50 mm f/2.5 / Macro compacto EF 50 mm f/2.5
- \*3 Multiplicateur EF 1.4 × / Multiplicador EF 1.4
- \*4 Doubleur EF 2 × / Multiplicador EF 2X
- \*5 Convertisseur 0.25-1/1 EF / Convertidor a Tamaño Real EF

- ★ indicate that these lenses will be available soon.
- ★ indiquent que ces objectifs seront disponibles sous peu.
- ★ indica que estos objetivos serán disponibles pronto.



Speedlite 160E

Speedlite 420EZ



Speedlite 300EZ



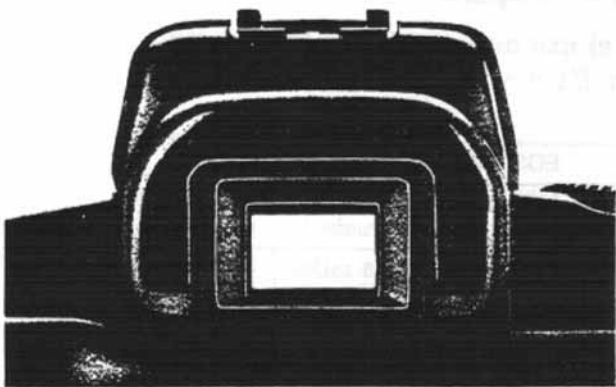
### **Speedlite 160E**

Designed exclusively for the EOS 850, this flash utilizes a lithium battery for quick flash recharging and long life. When conditions darken or to prevent shadows from appearing on the subject, its small size and easy attachment make it an ideal companion.

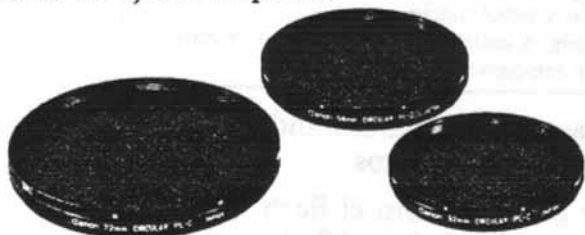
### **Speedlite 420EZ and Speedlite 300EZ**

Two EOS speedlites, the 420EZ and 300EZ provide balanced exposure from foreground to background with a built-in automatic zoom that adjusts the coverage angle, and a quick recharge. With the 420EZ, bounce flash can be done easily. The guide numbers at ISO 100 are as follows: 420EZ, 35-m / 116-ft and for the 300EZ, 28-m / 93-ft.





Dioptric Adjustment Lens  
Correcteur de visée  
Lente de ajuste dióptrico



Circular Polarizing Filters PL-C  
Filtres de polarisation circulaire PL-C  
Filtros polarizadores circulares PL-C

## Dioptric Adjustment Lenses

Ten eyesight correction lenses are available in powers from +3 to -4 diopters. They make viewing and focusing easier. Choose the one which is closest to your eyeglass prescription.

## Circular Polarizing Filters PL-C

To block polarized light, use the Canon Circular Polarizing Filters PL-C. These are screw-in types available in three thread diameters: 52mm, 58mm and 72mm.

## Shooting Capacity

Based on a new 2CR5 lithium battery pack using the EF 50mm f/1.8 and 24-exp. film.

	EOS 750/750QD			EOS 850
Temperature	Test method I	Test method II	Test method III	Test method I
Normal (68°F/20°C)	75 rolls 1800 shots	40 rolls 950 shots	15 rolls 350 shots	75 rolls 1800 shots
Low (14°F/-10°C)	45 rolls 1100 shots	25 rolls 600 shots	10 rolls 250 shots	45 rolls 1100 shots
Test condition	Shutter is released after AF focusing.			
Test interval	Battery is checked after each roll is shot and rewound. 20 seconds at normal temperature and 3 minutes at low temperature.			

Test method I: Without flash operation  
 Test method II: With 30% flash operation  
 Test method III: With 100% flash operation

**Note:** With lenses utilizing a USM, the stated value reduces by half.

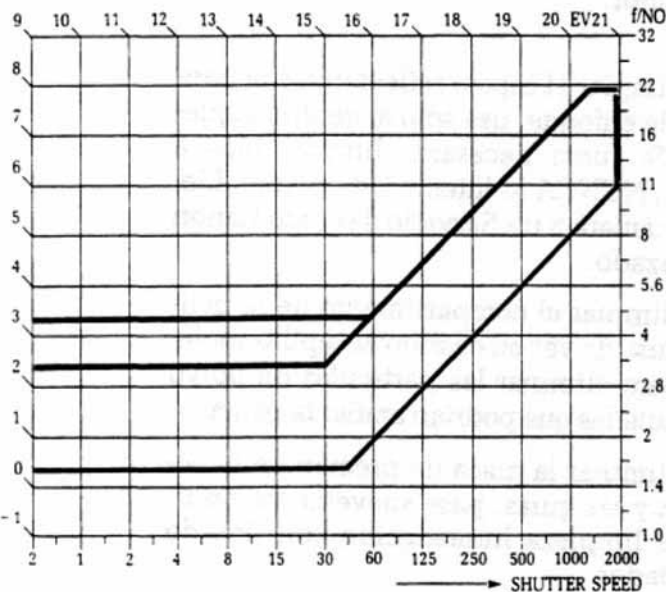


Battery performance deteriorates in temperatures below 32°F/0°C. Keep the camera and a spare battery close to your body to keep them warm until use.

- All the data above are based on Canon's Standard Test Method.

### Program Lines

This camera is equipped with the advanced "Intelligent Program AE" which chooses the best shutter speed/aperture combinations, taking the lens focal length into account. When the automatically-set shutter speed becomes 0 to 0.5 steps below 1/focal length of the lens in use, "P" blinks. The shutter speed of 1/focal length of the lens is generally said to be the limit for hand-held shooting.



Red: When using the EF 50mm f/1.8

Black: When using the EF 35-70mm f/3.5-4.5

Courbe rouge: avec un objectif EF 50 mm f/1,8

Courbe noire: avec un objectif EF 35 - 70 mm f/3,5 - 4,5

Rojo: Usando EF 50 mm f/1,8

Negro: Usando EF 35 - 70 mm f/3,5 - 4,5

- Ne touchez **JAMAIS** le rideau d'obturateur.
- Les bombes d'air comprimé ne sont guère recommandées pour nettoyer la zone du rideau d'obturateur. Si, malgré tout, vous en utilisez une, veillez à la tenir à 20 cm/8 in. du rideau.

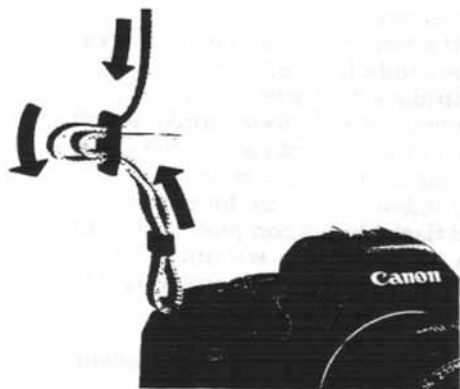
- Procure no tocar **JAMAS** la cortinilla del obturador.
- No son recomendables los sprays aerosol quitapolvo en el área de la cortinilla del obturador. Si los usara, mantenga el bote al menos a 20 cm de la cortinilla.



We recommend cleaning your camera periodically and especially after using it at the beach.

- 1) To clean the lens surface and the viewfinder eyepiece, blow off dust with a blower brush and gently wipe with a lens cleaning tissue slightly moistened with lens cleaner.
- 2) To clean the reflecting mirror and the focusing screen, only use a blower brush. If more cleaning is necessary **NEVER** attempt to do it yourself, take it to an authorized Canon Service Facility.
- 3) To clean the film chamber, use a blower brush to occasionally remove accumulated film dust particles that might scratch the film.
- 4) To clean the film pressure plate and the film guide rails, lightly wipe the surface with a lens cleaning tissue moistened with lens cleaning fluid.

- Be careful **NEVER** to touch the shutter curtain.
- Aerosol spray dust removers are not recommended for the shutter curtain area. If used, hold the can at least 8in/20cm away from the curtain.



### Strap

Thread the ends of the neckstrap through the fixtures as shown.

### Camera Cases (Sold Separately)

Keep the camera in its case to protect it while carrying.

Canon offers three semi-hard cases designed exclusively for the EOS 850, 750 and 750QD.

- ① Case S — Body and 50mm lens
- ② Case L — Body and 35-70mm lens
- ③ Case LL — Body and 35-105mm lens



① Case S  
Etui S  
Estuche S

② Case L  
Etui L  
Estuche L

③ Case LL  
Etui LL  
Estuche LL

- When carrying the camera on your shoulder, keep the lens facing your body to minimize the risk of damage.

# Specifications

## Type:

35mm autofocus, single-lens reflex camera with electronically-controlled automatic exposure, focal plane shutter, and built-in motor drive.  
EOS 750/750QD: Built-in flash.

EOS 750QD: Built-in date or time imprint function.

EOS 850: Without built-in flash.

## Format:

24 × 36mm

## Usable Lenses:

Canon EF Lenses (full aperture metering only)

## Lens Mount:

Canon EF Mount (electronic signal transfer system)

## Viewfinder:

Fixed eye-level pentaprism. Gives 92% vertical and horizontal coverage of actual picture area, and 0.8X magnification at infinity with a 50mm f/1.8 lens.

## Dioptric Adjustment:

Built-in eyepiece is adjusted to standard -1 diopter. (eyepoint: 6.2 inch/16.0mm)

## Focusing Screen:

Overall new laser-matte screen with AF frame.

## Mirror:

Quick-return half-mirror.

## Viewfinder Information:

Displayed at the bottom of the viewing area.

- 1 AF in-focus symbol: Lights up when AF is possible. Blinks at 8Hz when AF is not possible. In Depth of Field Mode, blinks at first and second in-focus. Blinks at 4Hz when the subject is out of the focus zone.
- 2 Exposure symbol: Lights up for correct exposure and flash charge completion. Blinks at 2Hz for camera-shake warning. Blinks 8Hz for out of coupling range warning. Off when flash is charging.

## Light Metering System:

TTL full aperture metering using SPC: Evaluative metering.

## Exposure Modes:

(1) Intelligent Program AE, (2) Depth-of-Field AE, (3) TTL program flash AE (with built-in flash or the Speedlite 160E), automatic fill-in flash and automatic flash at low-light level, (4) A-TTL program flash AE (with Speedlite 420EZ and 300EZ)

## Camera-shake Warning:

When automatically-set shutter speed falls 0 to 0.5 steps below 1/focal length of the lens in use, "P" blinks at 2Hz. No camera-shake warning when the built-in flash or dedicated flash is used.

**Metering Range:**

EV 0-20 with 50mm f/1.4 at ISO 100. (EV 3-20 in high temperature and humidity)

**Film Speed:**

ISO 25-3200 is automatically set in full steps according to DX code. For non DX-coded film, set to ISO 25.

**AF Control System:**

TTL-SIR (TTL secondary imaged registration) phase-detection type using BASIS (base-stored image sensor). AF in-focus symbol lights in viewfinder and short beeper tone emits. Beeper tone cannot be turned off. When AF is impossible, in-focus symbol blinks at 8Hz.

**Focus Mode:**

1. ONE SHOT mode: AF operation ends and focus is locked once ranging is completed. Shutter can be released upon completion of ranging.
2. Manual: By rotating the manual focusing ring after focus mode switch is set to "M".

**AF Working Range:**

EV1-18 at ISO 100.

**AF Auxiliary Light:**

Built-in AF auxiliary light on EOS 750/750QD, operates when the flash switch is set to AUTO. The dedicated flash operates with EOS 850. Both operate when flash condition detected.

**Shutter:**

Electronically controlled vertical-travel focal plane shutter.

**Shutter Speed:**

1/2000 - 2 sec. X-sync speed is 1/125 sec.

**Self-timer:**

Electronically controlled with a 10-sec delay. Self-timer operation is indicated by beeper tone. (At 2Hz for 8 secs from the start, then at 8Hz for 2 secs.)

**Film Transport:**

Pre-wind system.

**Film Loading:**

Automatic. After film positioning and back cover closure, the film automatically advances to the end of the roll and then stops (approx. 14 secs with 24-exp. film).

**Film Wind:**

Automatic using a built-in miniature motor. Continuous mode only. Single exposure mode with Depth-of-Field shooting. Confirmation by frame counter.

**Power Source:**

One, six-volt lithium battery pack (2CR5) supplies power to body and built-in flash (EOS 750/ 750QD).

**Battery Check:**

By rotating the selector dial to the battery check position. OK: at 8Hz, have a new battery handy: at 2 Hz, no tone: battery exhausted.

**Dimensions:**

EOS 750: 5-7/8" (W) × 4-1/16" (H) ×  
2-3/4" (D)/149.3 × 102.2 ×  
69.5 mm.

EOS 750QD: 5-7/8" (W) × 4-1/16" (H) ×  
2-13/16" (D)/149.3 × 102.2 ×  
71.0 mm.

EOS 850: 5-7/8" (W) × 3-13/16" (H) ×  
2-3/4" (D)/149.3 × 97.2 × 67.5 mm.

**Weight:**

EOS 750: 21-13/16 oz (620gr) Without battery  
EOS 750QD: 22-3/16 oz (635gr) Without battery  
EOS 850: 20-3/4 oz (560gr) Without battery

**Built-in Flash (EOS 750, 750QD)****Type:**

Pentaprism built-in, retractable, TTL-automatic flash.

Aperture control with a parallel control system.

**Guide Number:**

At ISO 100: 12-m/39-ft

**Recycling Time:**

Approx. 2 seconds

**Flash Duration:**

1 msec or less

**Flash Coverage Angle:**

Covers the field of view of 35mm lens.

**Flash Condition:**

1. Automatic fill-in flash when backlight is detected.
2. Automatic low-light flash

**X-sync Shutter Speed:**

1/60 - 1/125 sec. Sync. Timing: First curtain sync. only.

**Flash Control System:**

TTL automatic control by metering light reflected from the film surface.

**Flash Coupling Range:**

2.3 - 19.7ft/0.7 - 6.0m at ISO 100.

**Charge Completion Indication:**

"P" lights up. Release is locked during flash charging.

**Power Source for Built-in Flash:**

Supplied by camera's battery

**Flash Contact:**

Coupled directly to the camera on the accessory shoe.

**Automatic Flash:**

Built-in flash or when using the Speedlite 160E. Using the camera's TTL program, the correct aperture value is automatically set according to the brightness of the subject. X-sync speed is automatically set between 1/60 and 1/125 sec. TTL automatic flash aperture control by metering light reflected from the film plane. Fill-in flash is possible.



## Date Imprint Function of the EOS 750QD

### Type:

Built-in LCD (liquid crystal display- quartz digital automatic calendar and clock. Programmed to cover the period 1987 to 2019 - corrections automatically made for long and short months and leap years.

### Imprint Formats:

(1) Year/Month/Day (2) Day/Hour/Minute (3) Month/Day/Year (4) Day/Month/Year. Can be turned off if no imprint desired.

### Clock Accuracy:

Accurate within 90 sec. per month at moderate temperatures 68°F/20°C.

### Power Source:

CR2025 3V lithium battery. Life: About three years.

All data are based on Canon's Standard Test Method.

Subject to change without notice.

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

This equipment has been tested and found to comply with the limits for a Class B computing device in accordance with the specifications set forth in Subpart J of Part 15 of the FCC Rules. If this equipment does cause interference to radio or television reception which can be determined by turning the equipment on and off, use the equipment in another location. If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:

### "INTERFERENCE HANDBOOK"

This booklet is available from the US Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-00450-7.