Canon

EOS ELAN 7E / ELAN 7E DATE 30 / 30 DATE

EYE CONTROL

E

English Edition

INSTRUCTIONS

www.elphancameras.com

Thank you for purchasing a Canon product.

The EOS 30/ELAN 7E is a high-performance, AF single-lens reflex camera with Eye Control and seven focusing points.
Its many features can suit a wide variety of subjects and shooting conditions. Camera operation can be fully automatic or you can use the semi-automatic or manual modes to obtain the desired effects.
Before using your new camera, read this instruction booklet to familiarize yourself with the camera.

Symbols

The Caution symbol alerts you to actions to prevent picture-taking problems.

The Note symbol gives supplemental information for basic camera operation.

The Light bulb symbol offers helpful tips for operating your camera or taking pictures.

Also read "Handling Cautions" on page 6 to prevent camera malfunction and damage.
Keep this instruction booklet handy for easy reference.

Before Using Your Camera

- Before shooting an important event, be sure to take test shots to make sure the camera operates properly.
- EOS cameras have a lens mount for dedicated operation (autofocusing, exposure control, etc.) with Canon EF lenses. Using a non-Canon EF lens with an EOS camera may not result in proper camera or lens operation.
  Note that the warranty does not cover any camera malfunction or damage occurring with the use of non-Canon products.

www.orphancameras.com

Contents

Handling Cautions 6
Quick Start Guide 8
Nomenclature 10
Conventions Used in this Instruction Booklet 16

1 Before You Start 17

Installing the Batteries and Checking the Battery Level 18
Mounting and Detaching a Lens 20
Dioptric Adjustment 21
How the Shutter Button Works 22
Loading and Unloading Film 23
Holding the Camera 26

2 Fully Automatic Shooting 27

Full Auto Mode 28
Portrait Mode 32
Landscape Mode 33
Closeup Mode 34
Sports Mode 35
Night Scene Mode 36
Using the Self-timer 37
Imprinting the Date or Time (QD Model only) 39

3 AF Modes and Metering Modes 41

Selecting the AF Mode 42
Selecting a Focusing Point 45
CAL Eye Control Calibration 47
Using Eye Control 52
Focusing Off-Center Subjects 54
When Autofocus Fails 55
Metering Modes 56

4 Creative Zone Modes 57

P Program AE 58
Tv Shutter-Speed Priority AE 60

www.orphancameras.com

Av Aperture-Priority AE 62
Depth-of-field Preview 63
M Manual Exposure 64
DEP Depth-of-Field AE 66
✳ AE Lock 71
Exposure Compensation 72
Auto Exposure Bracketing (AEB) 73
Bulb Exposures 75
Multiple Exposures 76
Silencing the Beeper 77
Mirror Lockup 78
ISO Setting the ISO Film Speed 79
Selecting the Film Advance Mode 79
Wireless Remote Control 80
Using the Remote Switch 80

5 Flash Photography 81

Using the Built-in Flash 82
Flash Photography with an EX-Series Speedlite 85
Using Other EOS-Dedicated Speedlites 92

6 Custom Functions 93

Setting a Custom Function 94
Canceling a Custom Function 95
Custom Function List 96

Reference 98

Basic Photography Terms 98
Feature Availability Table 100
Program Line 102
Exposure Warning List 103
Troubleshooting Guide 104
Major Accessories 105
Major Specifications 107
Index 110

www.orphancameras.com

Handling Cautions

Camera Care and Storage

(1) The camera is a precision instrument. Do not drop it or subject it to physical shock.
(2) This camera is not waterproof and cannot be used underwater. If the camera gets really wet, promptly consult your nearest Canon Service Center. Wipe off any water droplets with a dry cloth. If the camera has been exposed to salty air, wipe with a well-wrung damp cloth.
(3) Do not leave the camera in places prone to excessive heat such as in a car on a sunny day. Excessive heat can cause the camera to malfunction.
(4) The camera contains precision electronic circuitry. Never attempt to disassemble the camera.
(5) Use only a blower brush to blow away dust on the lens, eyepiece, mirror, focusing screen, and film compartment. Do not clean the camera body or lens with a cleaner containing an organic solvent. For stubborn dirt, consult your nearest Canon Service Center.
(6) The shutter curtains are extremely thin. Use only a blower to clean them. Be careful not to blow air too forcefully on the shutter curtains. The shutter curtains can be easily deformed or damaged. Also, when loading and unloading film, be careful not to touch the shutter curtains.
(7) Do not touch the electrical contacts with your fingers. Otherwise corrosion may develop on the contacts, resulting in improper camera operation.
(8) If the camera is not to be used for an extended period, remove the battery. Store the camera in a well-ventilated, cool, dry place. During the storage period, press the shutter button to release the shutter a few times once in a while.
(9) Avoid storing the camera in a laboratory, cabinet, etc., where corrosive chemicals are present.
(10) If the camera has not been used for an extended period or if the camera is to be used for an important event, check the operation of all the camera controls or take it to your nearest Canon Service Center for inspection.
(11) After detaching the lens from the camera, put on the lens caps or put down the lens with the rear end up to avoid scratching the lens surface and electrical contacts.
(12) Even when the Main Switch is set to <OFF>, a small amount of power is still supplied to the camera's LCD panel. However, this does not affect the number of film rolls which can be taken with the battery.

www.orphancameras.com

LCD Displays

In time, the camera's LCD panel display and the LCD display in the viewfinder may fade and become difficult to read. If this happens, have it replaced (at cost) by a Canon Service Center.
At low temperatures, the LCD display response may become slower. And at 60°C or higher temperatures, the display may blacken. In either case, the display will return to normal at room temperature.

Lithium Batteries

(1) The camera operates on two CR123A lithium batteries. Check the battery level in the following cases (→page 18):
- After replacing the batteries.
- After not using the camera for an extended period.
- The shutter stops working.
- The camera is being used in a low-temperature environment.
- You will be shooting an important event.

(2) Before installing the batteries, wipe the battery contacts to remove any fingerprints and smudges. This is to prevent faulty connections and corrosion.
(3) Never disassemble or recharge the batteries. Also, never store a battery in high-temperature places or short circuit the battery contacts or toss a battery into a fire.
(4) Although the batteries work well even at low temperatures, battery performance may decline slightly at freezing temperatures. In such a case, keep spare batteries warm in a pocket, etc., and use and warm the batteries alternately.

How Low Battery Levels Affect Camera Operation

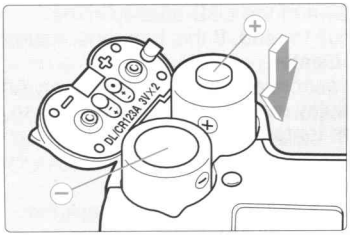
On the LCD panel, if the < ▯ > icon blinks or it is not displayed, a proper exposure can still be obtained as long as the shutter releases. However, when the battery level is low, film advance and auto rewind might stop midway or not work at all and < ▯ > may blink on the LCD panel. After the batteries are replaced with new ones, film advance will be possible and film rewind can resume by pressing the < ⊙⇇ > button.

Lens Electrical Contacts

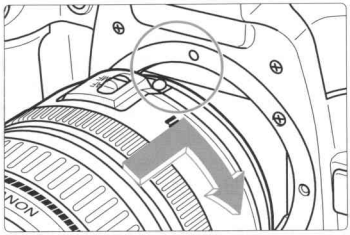
After detaching the lens from the camera, put on the lens caps or put down the lens with the rear end up to avoid scratching the lens surface and electrical contacts.

www.orphancameras.com

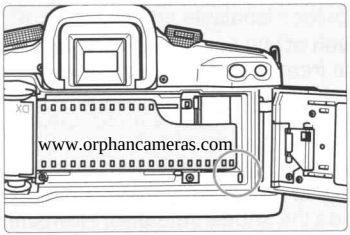
Quick Start Guide



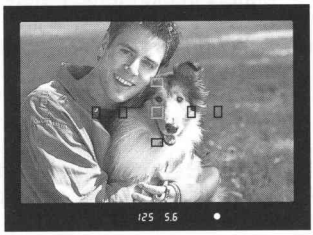
1 **Install the batteries.**
Refer to the battery orientation diagram on the battery chamber cover, and insert two CR123A lithium batteries as shown. (→page 18)



2 **Attach a lens.**
Align the red dots on the lens and camera and turn the lens as shown by the arrow until it snaps in place. (→page 20)

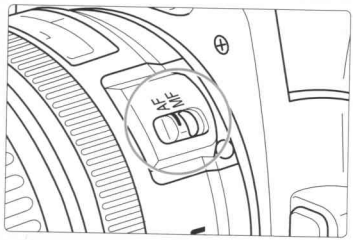

www.orphancameras.com

5 **Load the film.**
Align the edge of the film leader with the orange mark on the camera and close the camera back until it snaps shut. (→page 23)
- The film will then advance to the first frame automatically.

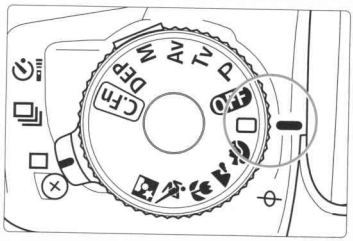


6 **Focus the subject.**
Aim the focusing points on the main subject and press the shutter button halfway to autofocus. (→page 22)
- Under low-light or backlit conditions, the built-in flash will pop-up and fire automatically. (→page 82)

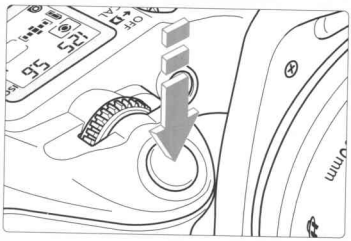
www.orphancameras.com



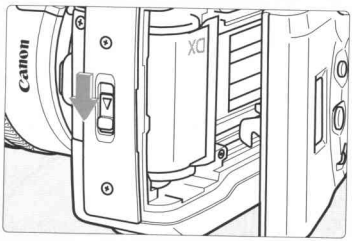
3 On the lens, set the focus mode switch to <AF>.
(→page 20)



4 Turn the Command Dial to <▢> (Full Auto).
Keep pressing the Command Dial's lock button while turning the dial. (→page 28)



7 Take the picture.
Press the shutter button completely to take the picture. (→page 22)

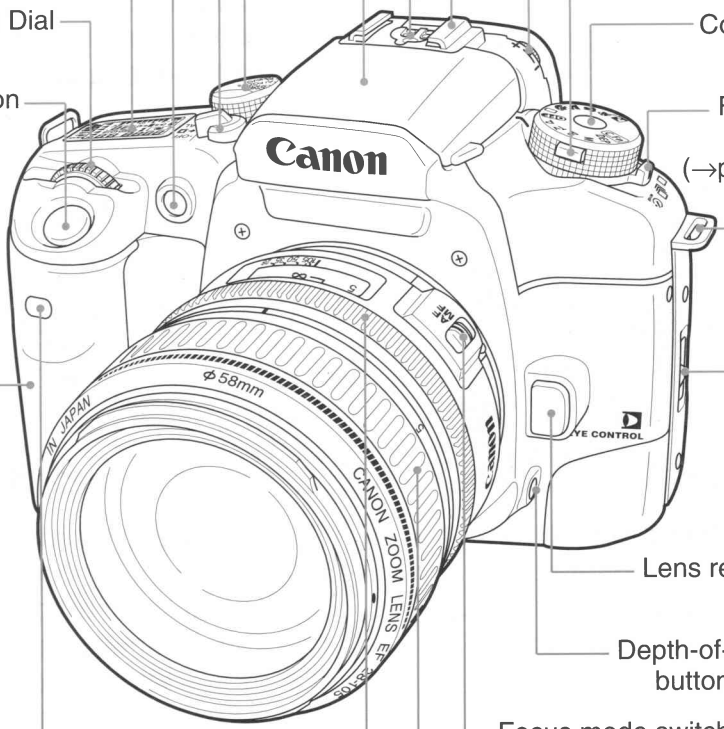


8 Unload the film.
At the end of the roll, the film rewinds automatically. Open the camera back to remove the film cartridge. (→page 25)

www.orphancameras.com

Nomenclature

- The reference page is indicated in parentheses.
- The camera controls are indicated as icons in brackets < >.



AF mode dial (→page 15)

Eye Control switch (→page 15)

Red-eye reduction lamp / Self-timer lamp / Wireless remote control operation lamp (→page 30 / 37 / 80)

LCD panel (→page 12)

< > Main Dial (→page 16)

Shutter button (→page 22)

Grip (battery chamber) (→page 18)

Wireless remote control sensor (→page 80)

Built-in flash (retracted) (→page 82)

AF-assist light (→page 30)

X-sync contact

Hot shoe (→page 82, 95, 105)

Dioptric adjustment knob (→page 21)

Command Dial lock release button (→ page 14)

Command Dial (→page 14)

Film advance mode lever (→page 15,37,79)

Strap eyelet (→page 17)

Camera back lever (→page 23)

Lens release button (→page 20)

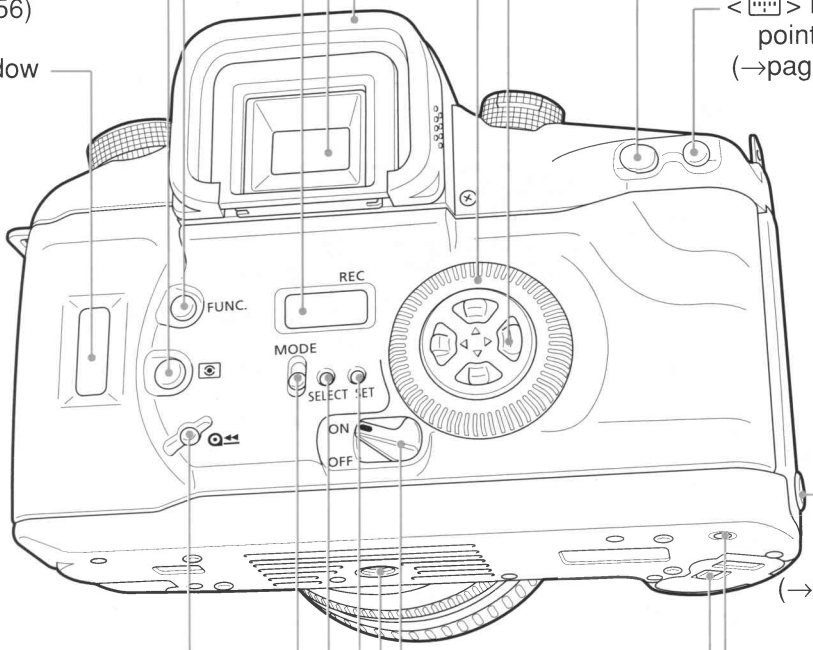
Depth-of-field preview button (→page 63)

Focus mode switch (→page 20)

Zoom ring

Focusing ring (→page 55)

www.orphancameras.com



Eyecup (→page 21, 38)

Viewfinder eyepiece

*Date display panel (→page 39)

<FUNC.>
Function button
(→page 24,31,73,76,77,79,84)

<⊙> Metering mode button
(→page 56)

Film window

<Q◀◀> Midroll rewind button (→page 25)

*<MODE> button (→page 39)

*<SELECT> button (→page 40)

*<SET> button (→page 40)

Tripod socket

<◯> Quick Control Dial
(→page 16)

<✥> Focusing point selection key (→page 45)

<✳·C.Fn> AE lock / FE lock / Custom Function setting button
(→page 71 / 88 / 94)

<▭> Focusing point selector
(→page 45, 97)

Remote control terminal
(→page 80)

Guide hole

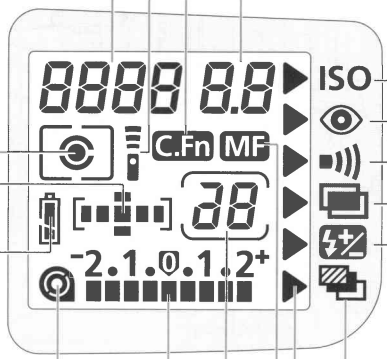
Battery chamber lever
(→page 18)

Quick Control Dial switch (→page 16)

* QD Model only

www.orphancameras.com

LCD Panel



Remote control icon

Shutter speed (4000 - 30'', bulb)
Depth-of-field AE (dEP)
ISO film speed (6 - 6400)
Custom Function No. (C01 - 13)
Calibration (CAL)

Metering mode
- Evaluative metering
- Partial metering
- Centerweighted averaging metering

Focusing point selection (Auto / Manual)

Battery level (4 levels)

Film status
- No film loaded
- Film rewind completed
- Autoloading failed

Exposure level (up to ±2 stops in 1/2-stop increments)
- Exposure compensation amount
- AEB range
- Flash exposure compensation amount

Red-eye reduction lamp on

Film rewind in progress

Custom Function icon

Aperture (00 - 91)
Red-eye reduction setting (0, 1)
Beeper setting (0, 1)
AEB amount (0.0 - 2.0)
DEP points (1, 2)
Custom Function setting (0 - 5)
Calibration No. (1 - 5)

ISO film speed icon

Red-eye reduction icon

Beeper icon

Multiple exposures icon

Flash exposure compensation icon

AEB icon

Function setting arrow

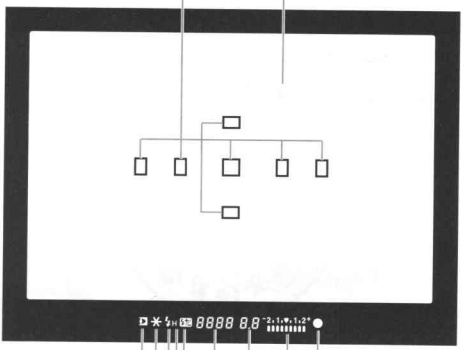
Manual focus icon

Frame counter (1 - 36)
Multiple-exposure setting (1 - 9)
Self-timer operation (10 - 1)
Wireless remote control operation (2 - 1)

• The <▶> arrow is displayed next to the function being set.

www.orphancameras.com

Viewfinder Information



Focusing points (superimposed)

New Lasermatte focusing screen

Eye Control icon

AE lock / FE lock indicator

Flash-ready indicator

Insufficient flash warning (during FE lock)

High-speed sync (FP flash) indicator

Flash exposure compensation indicator

Shutter speed (4000 - 30'', bulb)

FEL display (FEL)

CAL display (CAL - 1-5, End - 1 - 5)

DEP point display (dEP - 1, 2)

In-focus indicator

* In AF mode:
  Lights when focus is achieved, blinks at 2 HZ when not achieved.
* In MF mode:
  Lights when focus is achieved (focusing aid).

Exposure level
(up to ±2 stops in 1/2-stop increments)
Exposure compensation amount
AEB range

Red-eye reduction lamp-on indicator

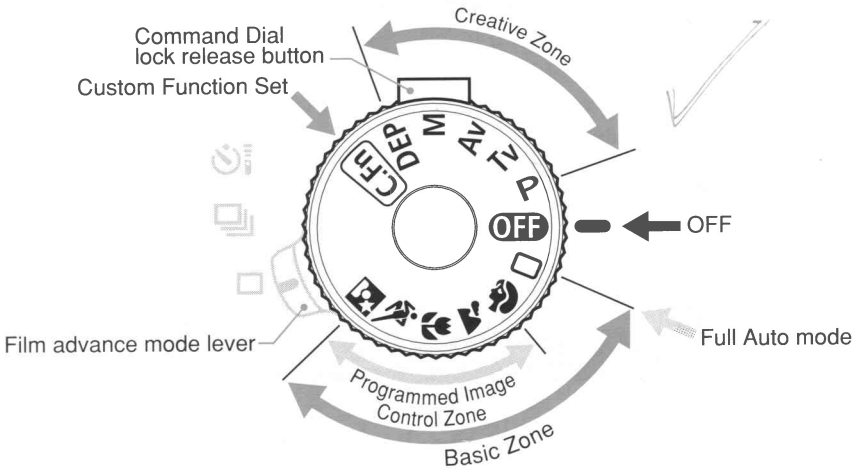
Aperture display (00 - 91)

• On pages 12 and 13, all the display items are shown for explanatory purposes. During actual operation, only some of the items are displayed.

www.orphancameras.com

Command Dial

- The dial is divided into four zones.
- The dial is locked when it is set to <OFF>. To release the lock, hold down the Command Dial lock release button and turn the dial.



①Basic Zone

Basically, all you do is point and press the shutter button.

□ : **Full Auto** (→page 28)

Fully automatic mode where the camera takes care of everything.

Programmed Image Control Zone

Fully automatic modes for a particular subject.

- : Portrait mode (→page 32)
- : Landscape mode (→page 33)
- : Close-up mode (→page 34)
- : Sports mode (→page 35)
- : Night Scene mode (→page 36)

②Creative Zone

Semi-automatic and manual modes enable you to take control of the camera to obtain the desired result.

- **P** : Program AE (→page 58)
- **Tv** : Shutter speed-priority AE (→page 60)
- **Av** : Aperture-priority AE (→page 62)
- **M** : Manual exposure (→page 64)
- **DEP** : Depth-of-field AE (→page 66)

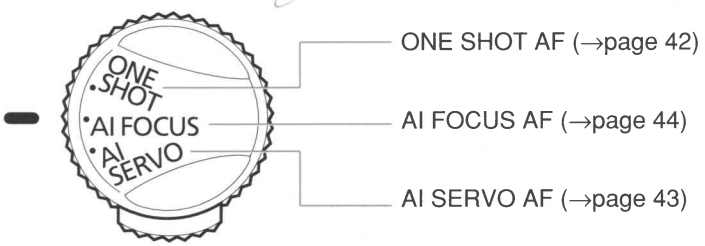
③Custom Function Set

C.Fn : Custom Function (→page 93)

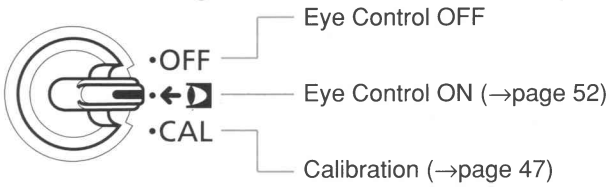
④OFF : Off

www.orphancameras.com

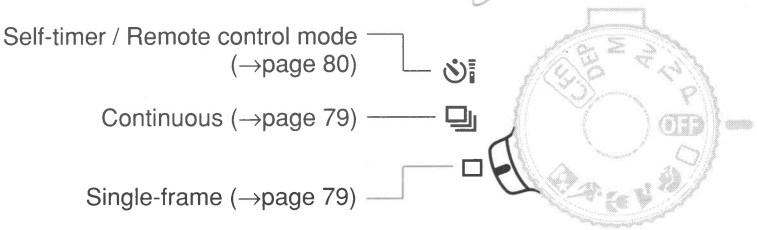
AF Mode Dial



Eye Control Switch

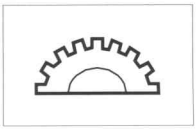


Film Advance Mode Lever



www.orphancameras.com

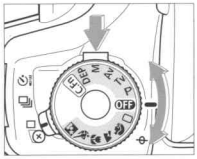
Conventions Used in this Instruction Booklet



- In this booklet, the <☆> icon indicates the Main Dial.

- The <◎> icon is the Quick Control Dial. Turn the Quick Control Dial switch to <ON> before using the Quick Control Dial.

- This symbol indicates that there is a related Custom Function that is described briefly. Detailed descriptions are provided in "Custom Functions" on page 93.



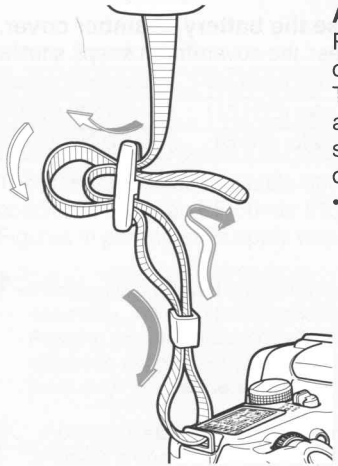
- All the operations described in this booklet assume that the Command Dial is not set to <OFF>. Before proceeding with any operation, turn the Command Dial to a picture-taking mode by pressing the lock button and turning the dial.

- Page numbers in parentheses (→page ■) indicate where you can find more relevant information.
- The camera control icons and markings used in this booklet correspond to the actual icons and markings found on the camera. See "Nomenclature" on page 10.
- In this instruction booklet, a Canon EF 28-105mm f/3.5-4.5 II USM lens is used for explaining the procedures.
- The procedures explained in this booklet assume that the Custom Functions are set to the default settings.
- The (⏱4), (⏱6), and (⏱16) icons indicate that the respective function remains in effect for 4, 6, and 16 sec. respectively after the button is released.

www.orphancameras.com

This chapter explains the things you need to know and do before you use your camera for the first time.

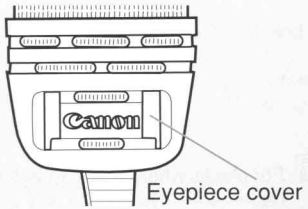
Before You Start



Attaching the Strap

Pass the end of the strap through the camera's strap eyelet from the bottom. Then pass it through the strap's clasps as shown in the illustration. Pull the strap to make sure it does not slip out of the clasp.

- The eyepiece cover is also attached to the strap. (→page 38)

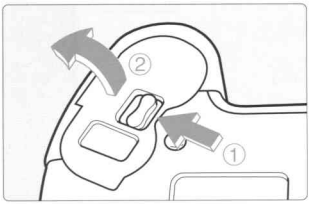


www.orphancameras.com

Installing the Batteries and Checking the Battery Level

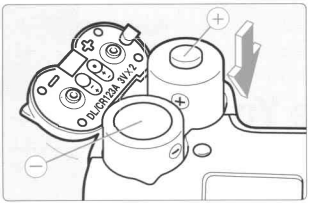
Installing the Batteries

The camera uses two lithium CR123A (or DL123A) batteries.



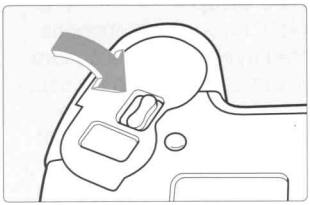
1 Open the battery chamber cover.

- Slide cover release lever as shown by the arrow and open the battery chamber cover.



2 Insert the batteries.

- Make sure the battery contacts (+ and –) are oriented as shown on the battery chamber cover.
- Do not mix old and new batteries.



3 Close the battery chamber cover.

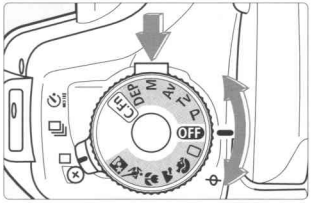
- Press the cover until it snaps shut.

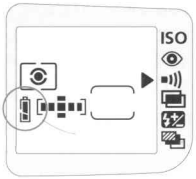
For places where CR123A batteries may not be easily available, take spare batteries with you. Also carry spare batteries for extended shooting sessions.

www.orphancameras.com

Checking the Battery Level

Check the battery level after replacing the batteries and before using the camera.





Turn the Command Dial to a picture-taking mode.

- Keep pressing the dial's lock release button while turning the dial.
- The camera will then turn on and the LCD panel will display one of the following battery level icons:

: Battery level OK.

: The battery level is low. Keep spare batteries handy.

: The batteries will soon be completely exhausted.

: Replace the batteries. (→page 7)

Battery Service Life (With 24-ex. rolls)

Ambient Temperature	0% Flash Use	50% Flash Use	100% Flash Use
At 20˚C	115 (125) rolls	33 (38) rolls	17 (19) rolls
At –20˚C	65 (70) rolls	19 (20) rolls	9 (10) rolls

- The Battery Service Life table above is based on Canon's testing conditions using an EF 50mm f/1.4 USM lens and new batteries.
- Figures in parentheses apply when Eye Control is not used.

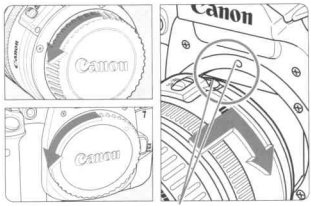
- If nothing is displayed on the LCD panel, the batteries may have been installed incorrectly. Take out the batteries and install correctly. (→page 18)
- Pressing the shutter button halfway for a prolonged period or operating only the autofocus without taking a picture will still consume battery power. It will reduce the number of rolls that can be taken with the batteries.

When not using the camera, set the Command Dial to < OFF >.

www.orphancameras.com

Mounting and Detaching a Lens

Mounting a Lens



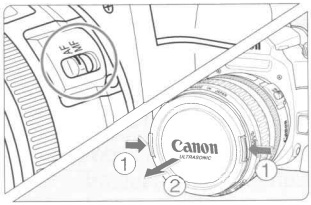
Red dots

1 Remove the caps.

- Remove the rear lens cap and the camera body cap.

2 Mount the lens.

- Align the red dots on the lens and camera and turn the lens as shown by the arrow until it snaps in place.

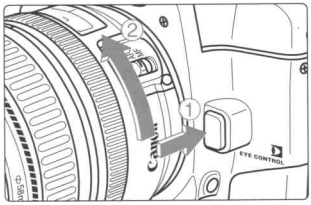


3 On the lens, set the focus mode switch to <AF>.

- If the focus mode switch is set to <**MF**> (or <**M**> on older lenses), autofocus will not operate and < MF > will be displayed on the LCD panel.

4 Remove the front lens cap.

Detaching the Lens



While pressing the lens release button, turn the lens as shown by the arrow.

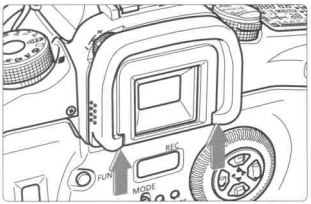
- When the red dot on the lens is at the top, remove the lens.

- Keep the removed caps where you will not lose them.
- "**AF**" stands for Autofocus.
- "**MF**" (or "**M**") stands for Manual Focus.

www.orphancameras.com

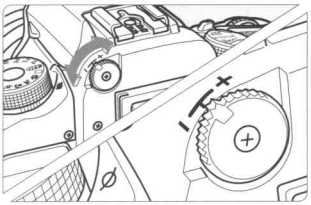
Dioptric Adjustment

By adjusting the diopter, eyeglass wearers will not need their eyeglasses to see a sharp viewfinder image. The camera's adjustable dioptric range is –2.5 to +0.5 dpt.



1 Remove the eyecup.

- While grasping both sides toward the bottom of the eyecup, slide it upward to remove.



2 Turn the dioptric adjustment knob.

- Turn the knob to the right or left until the focusing points look sharp in the viewfinder.
- The diagram shows the knob set at the standard diopter (–1 dpt).

3 Reattach the eyecup.

If the viewfinder still does not look sharp after you turn the dioptric adjustment knob, use one of the Ed-series dioptric adjustment lenses (sold separately).

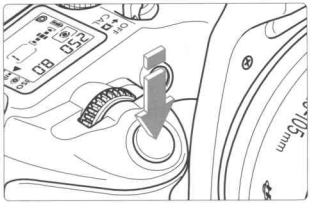
www.orphancameras.com

How the Shutter Button Works

The EOS camera's shutter button can be depressed halfway or all the way. There is a click stop at the halfway point.

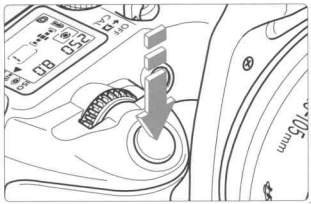
Pressing the Shutter Button Halfway or Completely

The shutter button works as described below.



When it is pressed halfway:

- Autofocusing is activated, and when focus is achieved, the focusing point flashes and the beeper sounds. The in-focus indicator <●> on the viewfinder's lower right also lights.
- Also, the shutter speed and aperture are set and displayed on the LCD panel and in the viewfinder.



When it is pressed completely:

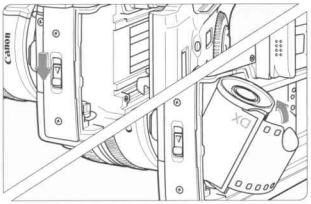
- The shutter is released to take the picture and the film advances by one frame.

- Camera movement during the moment of exposure is called camera shake. Camera shake can cause blurred pictures. To prevent blurred pictures due to camera shake:
  - · Hold the camera steady (see page 26).
  - · Use the center of your finger to touch the shutter button, grasp the camera with your entire right hand, then press the shutter button gently.
- If the AF Mode Dial has been set to <AI SERVO>, the in-focus indicator <●> will not light.
- If the AF Mode Dial has been set to <AI SERVO> and automatic focusing point selection is set (→page 45), the focusing point will not flash in red.

www.orphancameras.com

Loading and Unloading Film

Loading Film



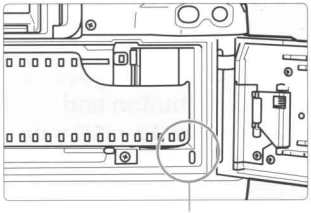
1 Open the camera back.

- Slide the camera back lever down as shown by the arrow.

2 Insert the film cartridge at an angle as shown in the illustration.

- Set the Command Dial to any setting except <OFF>.

Right

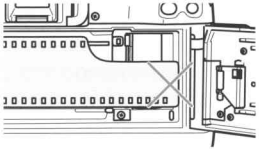


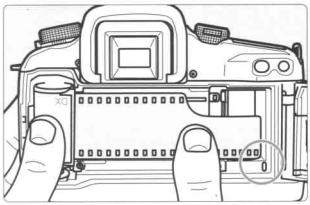
Orange mark

3 Pull the edge of the film leader to the orange mark on the camera.

- Hold down the film cartridge while pulling out the film leader.
- If the edge of the film leader goes beyond the orange mark, rewind some of the film back into the cartridge.

Wrong





4 Close the camera back.

- After checking that the film leader edge is correctly aligned with the orange mark, close the camera back.
- ▸ The film will advance to frame 1 automatically.
- ▸ When the initial film advance ends, the <◎> icon and frame counter of "1" are displayed on the LCD panel.

www.orphancameras.com

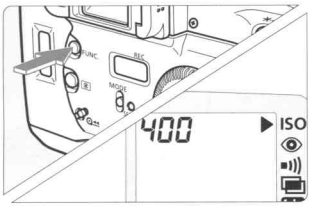
In hot and humid environments, do not remove the film packaging until you are ready to load the film

- If the film is not loaded properly, the <> icon will blink on the LCD panel and the shutter will not work. Reload the film cartridge properly.
- Infrared film cannot be used with this camera.

Checking the Film Speed

The camera reads the film cartridge's DX code and sets the film speed automatically within ISO 25 - 5000.

- Set the Command Dial to a Creative Zone mode.



Press the <FUNC.> button and move the <▶> arrow to <ISO> on the LCD panel.

‣ The film speed will appear on the LCD panel.

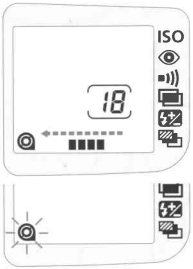
If you want to set a film speed different from the DX-coded film speed or if the film cartridge is not DX-coded, see "Setting the ISO Film Speed" on page 79.

C.Fn C.Fn-3-1 can prevent the film speed from being set automatically with the DX code. (→page 96)

www.orphancameras.com

Unloading Film

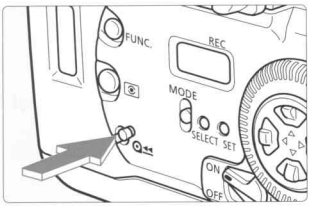
After the film's last frame is exposed, the camera rewinds the film automatically.



- When the film starts to rewind, the film rewind indicator on the LCD panel will flow from right to left to indicate that the film is rewinding. The frame counter also counts down.
- The film rewind stops automatically. Check that the <⊙> icon on the LCD panel is blinking, then remove the film cartridge.

⊙⇇ Midroll Rewind

To rewind the film in midroll, follow the procedure below.



1 **Press the <⊙⇇> button.**
- The film will start rewinding. The subsequent operation will then be the same as normal film rewind.

2 **Take out the film cartridge.**
- Check that the <⊙> icon on the LCD panel is blinking, then remove the film cartridge.

During film rewind, pressing the <⊙⇇> button toggles between high-speed and low-speed (silent) rewind.

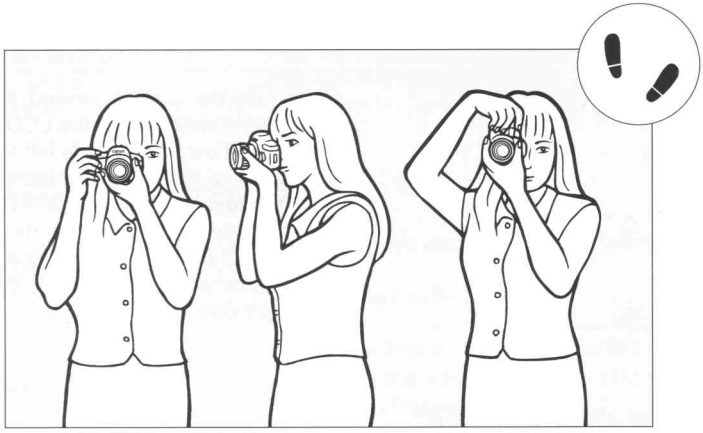
C.Fn Custom Function C.Fn-1 can alter the rewind speed. (→page 96)

C.Fn Normally, the entire film leader is rewound inside the film cartridge. Custom Function C.Fn-2-1 can leave out the film leader after film rewind. (→page 96)

www.orphancameras.com

Holding the Camera

To avoid taking blurred pictures, hold the camera steady to minimize camera shake.



Horizontal shooting Vertical shooting

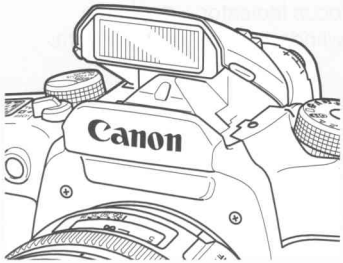
- Firmly grasp the camera grip with your right hand, and press your right elbow lightly against your body.
- Hold the lens at the bottom with your left hand.
- Press the camera against your face and look through the viewfinder.
- To maintain a stable stance, place one foot in front of the other instead of lining up both feet.

The camera automatically senses whether it is in the horizontal or vertical position. When you switch between the horizontal and vertical orientations, the detection mechanism inside the camera will make a small sound.

www.orphancameras.com

For quick and easy picture-taking, this section describes the Command Dial's Basic Zone modes: <□>, <🔊>, <🏔>, <🌷>, <🔇>, and <⊠>. These modes set all the camera settings automatically. All you do is point the camera and press the shutter button.
Also, these modes override the camera's <⚙>, <◎>, and AF Mode dials, film advance mode lever (except <⏱⋮>), and buttons (except <FUNC.>, <⊙⏪>, and the shutter button). This is to prevent spoiled shots caused by accidental operation of camera controls.

Fully Automatic Shooting

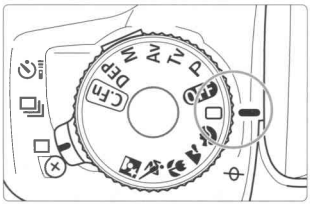


- In the Basic Zone modes except <🏔> and <🔇>, the built-in flash pops up and fires automatically under low-light or backlit conditions. (→page 82)
- The settings automatically set by the Basic Zone modes are shown in the "Feature Availability Table" on page 100.

www.orphancameras.com

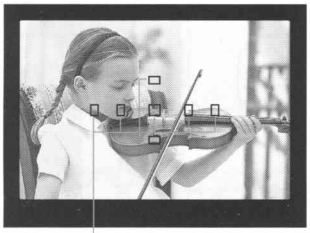
Full Auto Mode

All you do is point the camera and press the shutter button. Everything is automatic so it is easy to photograph any subject. With seven focusing points to focus the subject, anyone can just point and shoot.



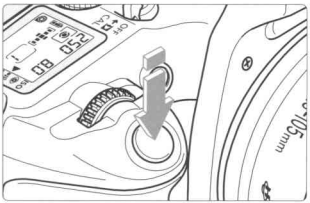
1 Turn the Command Dial to <□>.

- This automatically sets the AF mode to <AI FOCUS>, the film advance mode to <□> (single-frame shooting), and the metering mode to <[◉]>.



2 Aim the focusing points on the subject.

- The main subject, as determined by the camera, will be focused by one of the focusing points.
- To focus a subject not covered by any of the focusing points, see "Focusing Off-Center Subjects" on page 54.



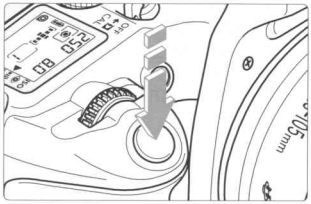
3 Press the shutter button halfway to focus.

- When focus is achieved, the focusing point which achieved focus will flash in red, the beeper will sound, and the in-focus indicator <●> in the viewfinder's lower right will light.

www.orphancameras.com

4 Check the exposure setting.

‣ The shutter speed and aperture will be set automatically and displayed in the viewfinder and on the LCD panel.



5 Take the picture.

• Compose the shot and press the shutter button completely.

- When focus is achieved, the autofocus and auto exposure setting will also be locked.
- If the in-focus indicator <●> blinks, the picture cannot be taken. (→pages 55)
- Out of the seven focusing points, the one covering the closest subject is selected automatically to achieve focus.
- Multiple focusing points may light simultaneously. This indicates that these focusing points have all achieved focus.

www.orphancameras.com