

Canon

EOS

REBEL / REBEL
T2 T2

DATE

300X / 300X **DATE**

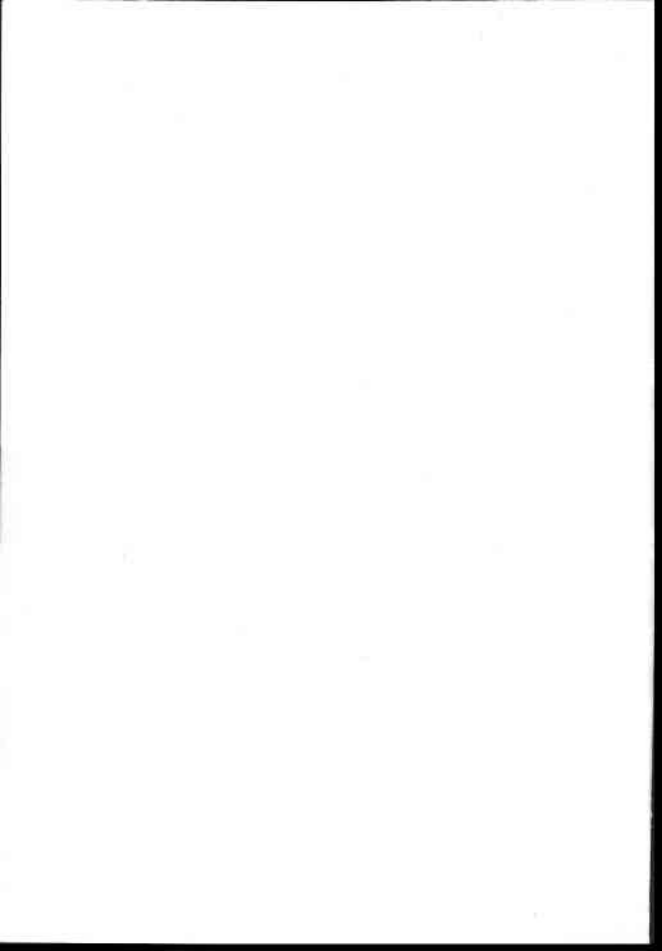


English

Français

Español

INSTRUCTION MANUAL
MODE D'EMPLOI
MANUAL DE INSTRUCCIONES



Canon

EOS

REBEL / REBEL
T2 T2

DATE

300 X / 300 X DATE

English

Thank you for purchasing a Canon product.

The EOS REBEL T2 (DATE) / 300X (DATE) is a very compact autofocus, single-lens reflex camera. It can be used for a wide variety of subjects and situations with fully automatic and user-controlled shooting modes.


Read this instruction manual and familiarise yourself with your new camera before taking pictures.

Also read "Handling Cautions" on page 4 to prevent camera malfunction and damage.

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.

Conventions Used in this Instruction manual

- The <> icon indicates the Main Dial.
- All operation procedures described in this booklet assume that the Mode Dial is set to a mode except <OFF>. Before proceeding with any operation, be sure that the Mode Dial is set to a shooting mode.
- Reference page numbers are indicated by (p.**).
- The ★ symbol indicates that the respective feature can be used only in Creative Zone modes (P, Tv, Av, M, A-DEP).
- The camera control icons and markings used in this booklet correspond to the actual icons and markings found on the camera.
- The (4) and (6) icons indicate that the respective function remains in effect for 4 and 6 sec. respectively after the button is released.

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Symbols



The Caution symbol alerts you to actions to prevent shooting problems.



The Note symbol gives supplemental information.

Handling Cautions

Camera Care and Storage

- The camera is a precision instrument. Do not drop it or subject it to physical shock.
- The camera is not waterproof and should not be used in wet conditions or underwater. If the camera gets wet, take it to your nearest Canon dealer as soon as possible. If small amounts of water splash onto the camera, wipe it with a clean dry cloth. If the camera is exposed to salty air, wipe it thoroughly with a slightly damp cloth.
- 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.
- The camera contains precision electronic circuitry. Never attempt to disassemble the camera.
- Use only a blower brush to blow away any dust on the lens, eyepiece, mirror, focusing screen, film compartment, etc. Do not clean the camera body or lens with any cleaner containing an organic solvent. For stubborn dirt, consult your nearest Canon Service Centre.
- 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.
- Do not touch the electrical contacts with your fingers. Otherwise corrosion may develop on the contacts, resulting in improper camera operation.
- 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.
- Avoid storing the camera in a laboratory, cabinet, etc., where corrosive chemicals are present.
- If the camera has not been used for a prolonged period or if you will use the camera for an important event, check the operation of all the camera controls or take the camera to your nearest Canon Service Centre.

LCD Displays

By their nature, LCD displays react more slowly at low temperatures, and may appear dark at high temperatures. The display will return to normal at room temperature.

Batteries

- Before installing the batteries, wipe the battery contacts to remove any fingerprints and smudges. This is to prevent faulty connections and corrosion.
- 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.
- 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 <⏏> icon 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.

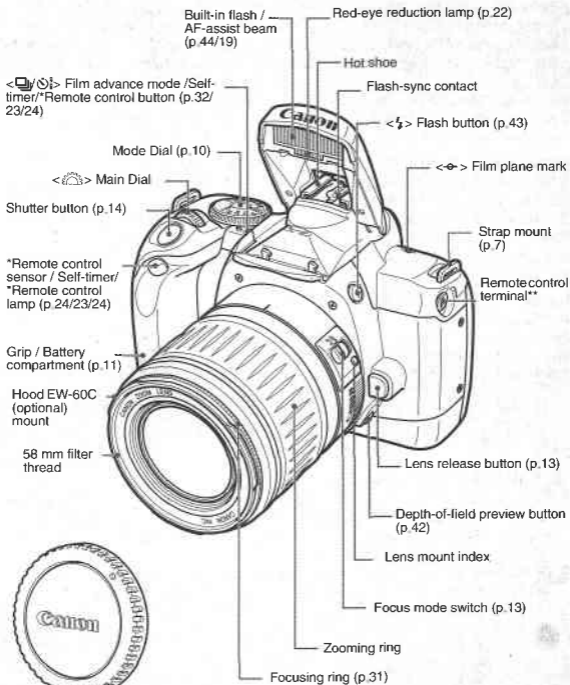


⚠ Safety Precautions

1. Do not look directly at the sun or any other strong light source through this lens or through a camera with the lens attached as this could cause damaged eyesight. Take particular care not to look directly at the sun through the lens alone as this can cause blindness.
2. Do not leave the lens or an SLR camera with the lens mounted in direct sunlight with the lens cap removed. This is to prevent the lens from magnifying the sun's rays, which could cause fire.

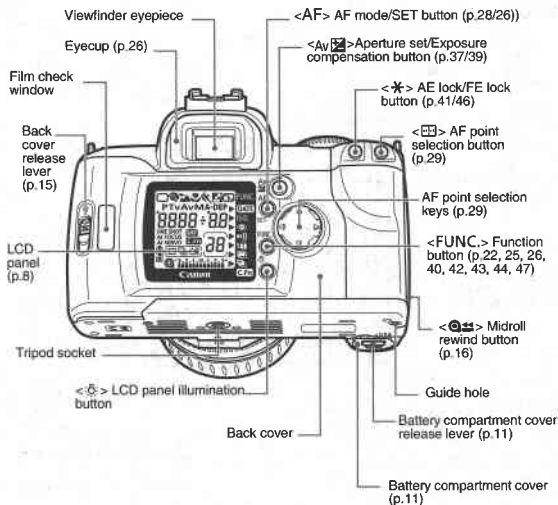
Nomenclature

• Reference page numbers are indicated by (p.**).



* DATE Model only

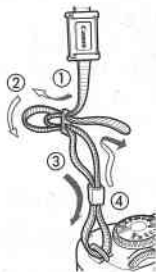
** For Remote Switch RS-60E3 (sold separately).



Attaching the Strap

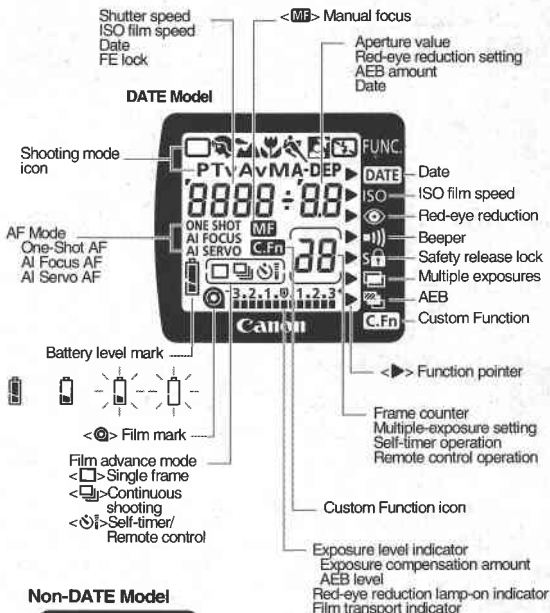
Pass the end of the strap through the camera's strap mount from the bottom. Then pass it through the strap's buckle as shown in the illustration. Pull the strap to make sure it does not slip out of the buckle.

•The eyepiece cover is also attached to the strap. (p.24)



Nomenclature

LCD Panel

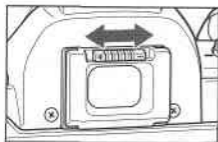
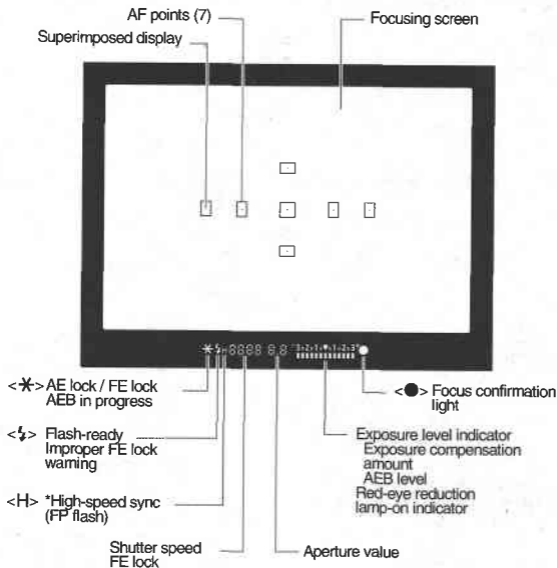


Non-DATE Model



- Pressing the <☉> button illuminates the LCD panel.
- The actual display will show only the applicable items

Viewfinder Information



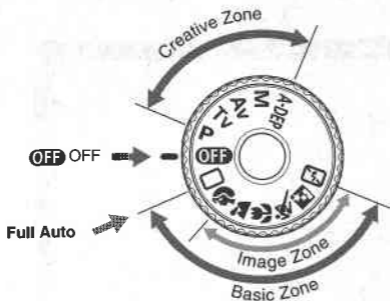
Remove the eyecup, then slide the dioptic adjustment lever left or right until the AF points in the viewfinder look sharp.

* With an EX-series Speedlite.

Nomenclature

Mode Dial

The dial is divided into two zones.



① Basic Zone

Fully automatic mode where the camera takes care of everything.

 : **Full Auto** (p.18)


Basically, all you do is point and shoot.

Image Zone (p.20)

Fully automatic modes for a particular subject.

 : Portrait

 : Landscape

 : Close-up

 : Sports

 : Night Portrait

 : Flash off

② Creative Zone

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

P : Program AE (p.33)

Tv : Shutter-priority AE (p.35)

Av : Aperture-priority AE (p.36)

M : Manual exposure (p.37)

A-DEP : Automatic Depth-of-field AE (p.38)

③ OFF : OFF

1 Before You Start

Installing the Batteries

* Batteries are not included in camera body only (not kit) sold in North America. Obtain batteries separately.

The camera uses two CR2 lithium batteries.



1 Open the battery compartment cover.

- Slide the release lever in the direction shown by the arrow in the diagram, and open the cover.



2 Install the batteries.

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



3 Close the battery compartment cover.

- Press the cover until it snaps shut.
- The date and time must be set. See page 26. (DATE Model only)



For places where CR2 batteries may not be easily available, take spare batteries with you. Also carry spare batteries for extended shooting sessions.

Checking the Battery Level

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



Turn the Mode Dial to a shooting mode.

- The camera will then turn on and the LCD panel will display one of the following battery level mark:



: Battery level OK.



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



: The batteries will soon be completely exhausted.



: Replace the batteries.

Battery Life

(With 24-ex. rolls)

Temperature	0% Flash Use	50% Flash Use	100% Flash Use
At 20°C	54 rolls	23 rolls	16 rolls
At -10°C	35 rolls	16 rolls	11 rolls

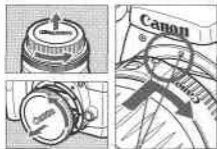
- The battery life shown above is based on Canon's testing conditions with new batteries.



- If nothing is displayed on the LCD panel, the batteries may have been installed incorrectly. Take out the batteries and install correctly.
- If you often press the shutter button halfway for a prolonged period or just autofocus without taking a picture, the battery life will be affected.
- When not using the camera, set the Mode Dial to <OFF>.

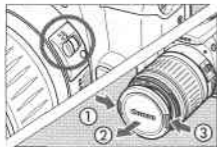
Mounting and Detaching a Lens

Mounting a Lens



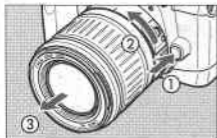
Red dots

- 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>, autofocus will not operate.
- 4 Remove the front lens cap.**

Detaching the Lens



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

- Turn the lens until it stops, then detach it.

• Keep the removed caps where you will not lose them.

• <AF> stands for "Auto Focus," and <MF> stands for "Manual Focus."

• An EF-S lens cannot be attached to the camera.

How the Shutter Button Works

The shutter button has two stages. You can press it down halfway or fully. The two levels of shutter button operation are as follows:




When it is pressed halfway:

- Pressing the shutter button down halfway activates autofocus (AF), and also activates the automatic exposure (AE) mechanism and sets the shutter speed and aperture value.
- The exposure (the combination of shutter speed and aperture value) appears on the LCD panel and in the viewfinder (4).



When it is pressed fully:

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

 If an Extender (optional) is used and the maximum aperture (the lowest f/number) of the lens becomes smaller than $f/5.6$, autofocus will not operate. For details, refer to the extender's instructions.

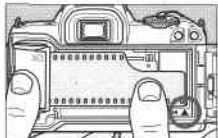
 Camera movement during the moment of exposure is called camera shake. Camera shake can cause blurred pictures. To prevent blurred pictures due to camera shake:

- Hold the camera steady.
 - Firmly grasp the camera grip with your right hand, and press your both elbows 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.
- Use your finger tip to touch the shutter button, grasp the camera with your entire right hand, then press the shutter button gently.

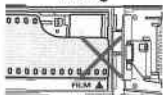
Ⓞ Loading and Unloading Film

Loading Film

After you load the film, the camera first winds the entire roll onto the camera's take-up spool. With DX-coded film, the camera automatically sets the film's ISO speed. Then each time a picture is taken, one frame of film is rewound back into the film cartridge. The frame counter shows always number of shots remaining.



Wrong



1 Turn the Mode Dial to any setting except <OFF>.

2 Open the back cover.

- Slide down the back cover release lever and open the back.

3 Insert the film cartridge at a slight angle.

4 Align the film leader edge with the <▲> mark.

- Hold down the film cartridge while pulling out the film leader. If you pull out the film leader too much, rewind it back into the film cartridge.

5 Close the back cover.

- Close the back cover until it snaps shut.
 - ▶ Film prewind will start and there will be a shutter-release sound about 10 sec. later. The <Ⓞ> icon and frame count will also be displayed on the LCD panel.
 - ▶ During the film prewind, the ISO speed will be displayed on the LCD panel.

Ⓞ Loading and Unloading Film



- The shutter curtains have been manufactured with very high precision. Never touch them with your fingers. When loading film, do not touch or damage the curtains with your fingers or film.
- In hot and humid environments, do not remove the film packaging until you are ready to load the film.
- Infrared film cannot be used with this camera.



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.

Unloading Film

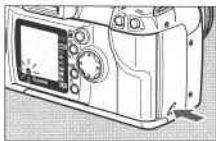
After the film's last frame is exposed, the camera rewinds the film automatically.



After the film is rewound, there will be a shutter-release sound. Check that the <Ⓞ> icon is blinking on the LCD panel, then open the back cover and take out the film cartridge.

Ⓞ Midroll Rewind

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



Press the <Ⓞ> button.

- ▶ Film rewind will begin.
- Make sure the <Ⓞ> icon is blinking, then take out film cartridge.



If you take out the film cartridge in midroll without rewinding the film and then load a new roll of film and press the shutter button completely, the new film will only rewind into the cartridge. Before loading a new roll of film in this case, close the camera back and press the shutter button.

Fully Automatic Shooting

<input type="checkbox"/> Full Auto Mode	18
AF-Assist beam with the Built-in Flash	19
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Portrait / Landscape / Close-up /	
Sports / Night Portrait / Flash off	
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This section explains how to use the camera's Basic Zone modes <Portrait> <Landscape> <Close-up> <Sports> <Night Portrait> <Flash off> on the Mode Dial for quick and easy shooting. Each Basic Zone mode suits a particular subject. The film advance mode, flash, and other functions are set automatically. You just press the shutter button.



Turn the Mode Dial to , <Portrait>, <Landscape>, <Close-up>, <Sports>, <Night Portrait> or <Flash off>.

- The picture-taking procedure is the same as with the " Full Auto mode" on page 18.

□ 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 AF points to focus the subject, anyone can just point and shoot.



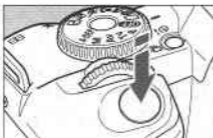
1 Turn the Mode Dial to <□>.



AF-point

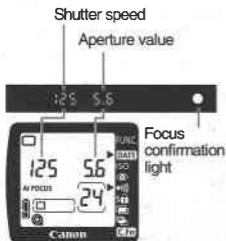
2 Aim any of the AF points on the subject.

- Out of the seven AF points, the one covering the closest subject is selected automatically to achieve focus.



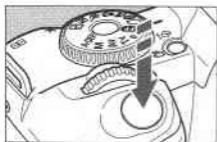
3 Focus the subject.

- Press the shutter button halfway to focus.
- ▶ When focus is achieved, the AF point mark and focus confirmation light <●> in the viewfinder will flash.
- ▶ When necessary, the built-in flash will pop up automatically.




4 Check the exposure setting.



- ▶ The shutter speed and aperture value 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 fully.

- If you want to zoom, do it before focusing. Turning the zooming ring after achieving focus may throw off the focus.
- If the built-in flash's pop-up operation is obstructed, the  icon will blink on the LCD panel. Press the shutter button halfway to resolve the problem.

- When focus is achieved, the autofocus and auto exposure setting will also be locked.
- If the focus confirmation light  blinks, the picture cannot be taken. (p.30)
- If multiple AF point marks will light, it means that all of them have achieved focus at the respective points.
- In the Basic Zone modes (except ), the built-in flash will pop up and fire automatically in low-light or backlit conditions. To retract the flash, push it back down.
- If you want to use a certain AF point to focus, set the Mode Dial to **<P>** and select the AF point manually. (p.29)

AF-Assist beam with the Built-in Flash

Under low-light conditions, the built-in flash fires a brief burst of flashes when you press the shutter button halfway. This is to illuminate the subject to enable easier autofocusing.

- The AF-assist beam does not function in the  modes.
- The AF-assist beam is effective up to about 4 meters/13.1 feet.
- In the Creative Zone modes when the built-in flash is popped up with the  button, the AF-assist beam may be emitted.

Programmed Image Control Modes

Select a shooting mode to suit the target subject, and the camera will be set to obtain the best results.



Portrait



This mode blurs the background to make the human subject stand out.

- Holding down the shutter button executes continuous shooting.
- To improve the background blur, use a telephoto lens and fill the frame with the subject or have the subject stand farther away from the background.



Landscape



This is for wide scenic views, night scenes, etc.

- Using a wide-angle lens will further enhance the depth and breadth of the picture.



Close-up



Use this mode to take close-up shots of flowers, insects, etc.

- As much as possible, focus the subject at the lens' closest focusing distance.
- To obtain a larger magnification, use the telephoto end of a zoom lens.



A blinking shutter speed indicates that the shutter speed is too slow to prevent a blurred picture due to camera shake. Be careful to hold the camera steady and press the shutter button smoothly, or use a tripod. (The shutter speed indicator still blinks when you use a tripod, but camera shake will not be a problem.)



Sports



This is for fast-moving subjects when you want to freeze the action.


- The camera will first track the subject with the centre AF point. Focus tracking will then continue with any of the seven AF points covering the subject. When focus is achieved, the beeper will sound softly.
- While you hold down the shutter button, focusing will continue for continuous shooting.
- Using a telephoto lens and ISO 400 or higher speed film is recommended.



Night Portrait



This mode is for taking pictures of people at twilight or at night. The flash illuminates the subject while a slow sync speed obtains a natural-looking exposure of the background.

- If you want to photograph only a night scene (without people), use the  mode instead.
- Tell the subject to keep still even after the flash fires.



Use a tripod to prevent camera shake.



Flash off

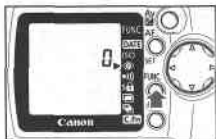


You can disable the flash when you do not want it to fire.

- The built-in flash or any external Speedlite will not fire.

👁 Using Red-eye Reduction (with the built-in flash)

When flash is used in a low-light environment, the subject's eyes may come out red in the photograph. To reduce this "Red eye" the red-eye reduction lamp shines a light into the subject's eyes before the flash is fired. Red-eye reduction works in all shooting modes except .



1 Move the arrow to the icon on the LCD panel.

- Look at the LCD panel and press the <FUNC.> button to move the arrow. (🔍)



2 Turn the dial to set "I" on the LCD panel.

- Press the shutter button halfway to return to normal camera operation.
- To cancel red-eye reduction, set "0" on the LCD panel.



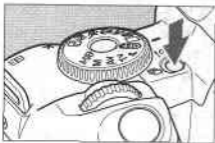
- When you press the shutter button halfway, the red-eye reduction lamp-on indicator will appear in viewfinder and on the LCD panel.
- Red-eye reduction will not work unless the subject looks at the red-eye reduction lamp. Tell the subject to look at the lamp.
- For maximum effectiveness, press the shutter button fully after the red-eye reduction lamp turns off (after 1.5 sec.).
- You can take a picture even while the red-eye reduction lamp is lit.
- The effectiveness of red-eye reduction varies depending on the subject.
- To further increase the effectiveness of red-eye reduction, go to a brighter environment or move closer to the subject.





Red-eye reduction lamp-on indicator

Self-timer Operation

You can use self-timer in any Basic mode or Creative mode. We recommend using a tripod when you use the self-timer.





1 Press the button.



- While looking at the LCD panel, press the  button to select .



2 Take the picture.

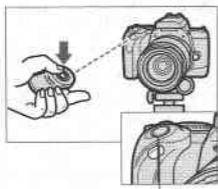
- The picture-taking procedure is the same as with the  Full Auto mode on page 18.
- Look through the viewfinder and press the shutter button fully to start the self-timer.
- ▶ The picture will be taken about 10 sec. later.
First 8 sec.: Self-timer lamp blinks slowly.
Final 2 sec.: Self-timer lamp blinks quickly.
- ▶ During the self-timer operation, the LCD panel counts down the seconds until the picture is taken.

 Do not stand in front of the camera when you press the shutter button to start the self-timer. Doing so prevents the camera from focusing on the subject.




 • To cancel the self-timer after it starts, press the  button.
• When using the self-timer to take a picture of only yourself, first lock the focus (p.30) on an object at the same distance where you will be in the picture.


☑ Wireless Remote Control (DATE Model only)



With Remote Controller RC-5 (optional), wireless operation is possible up to 5 m/16.4 ft away from the front of the camera.



Remote control sensor

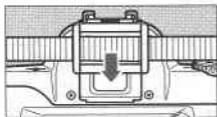
- 1 Press the  button.**
 - While looking at the LCD panel, press the  button to select .
- 2 Take the picture.**
 - Point the controller toward the camera's remote control sensor and press the transmit button.
 - ▶ Taken about 2 sec. later.
 - The indicator will be the same as during the last 2 sec. of the self-timer.

 Certain types of fluorescent lights might cause the remote control operation to work improperly. Place the camera away from any fluorescent lights as far as possible.

 If you set  and do nothing for four minutes, the remote control mode will be canceled automatically to save battery power.

Using the Eyepiece Cover

During self-timer or remote control operation when your eye does not cover the viewfinder eyepiece, stray light may enter the eyepiece and affect the exposure when the picture is taken. To prevent this, use the eyepiece cover to cover the eyepiece. (p.7)



- 1 Remove the eyecup from the eyepiece.**
- 2 Attach the eyepiece cover.**
 - Slide the eyepiece cover down into the eyepiece groove to attach it.

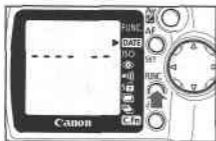
DATE Imprinting the Date or Time (DATE Model only)



Date position

The camera has a date feature with an automatic calendar to 2099. It can imprint the date or time on the photograph as shown in the left photo.


The date or time can be imprinted in any shooting mode.

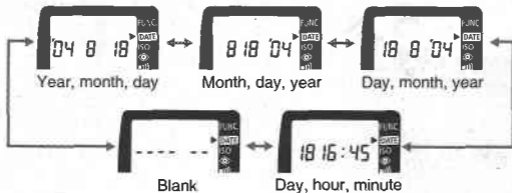


1 Move the arrow to **<DATE>**.

- Look at the LCD panel and press the **<FUNC.>** button. (06)
- If the date and time has not been set, "-----" will blink on the LCD panel. See page 26 to set the date and time.

2 Select the date format.

- Turn the  dial.
 - ▶ The date format will change in the following loop:



DATE Imprinting the Date or Time (DATE Model only)

Setting the Date and Time

1 Move the <▶> arrow to <DATE>.



2 Select the digit to be set.

- Press the <SET> button.
- The digit selection will change in the following sequence: year, month, day, hour, minute, " : ".



3 Set the correct number.

- Turn the <☀> dial.
- Repeat steps 2 and 3 until all the date and time digits are set correctly.



4 Finalize the date and time setting.

- Keep pressing the <SET> button until all digits are blinking.
- If you press the <SET> button while " : " is blinking, 0 sec. will be set.



If a picture is taken while the date and time are blinking, the date and time will not be imprinted on that picture.



The date and time setting can be retained for about 10 min. after the camera's batteries are removed.

User-Controlled Shooting

3

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With Creative Zone modes, you can set the desired shutter speed or aperture value to obtain the exposure you want. You take control of the camera.

- A ★ next to the page title indicates that the feature is available only in Creative Zone modes.