Canon Wana aaa Sra

DAMON CANACA NE MONTREAL SERVICE CENTRE

BAMO LATIN AMECA, No. CITRO DE SERVICO Y MOPARACON
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« Built-in Flash, LCD Panel. \ Accessory shoe eerie

Shutter Button __ Strap Fixture

Grip Focus Mode Switch

Manual Focusing Ring. Back Cover Latch

EF 35-80 mm {/4-5.6 Len: Lens Release Buttor

Zoom Rir

CREATIVE ZOI

| CONTROL | | CREATE | CREATE

hank you for selecting a Canon autofocus SLR

EOS 1000F, developed as Canon's new standard model autofocus SLR camera, is the lightest and most compact camera with a built-in flash in the EOS series.

Features such as simple dial operation and super-fast autofocus make it easier than ever to take great pictures any time.

EOS 1000F employs AI Focus, which automatically switches between One-shot AF and A Servo AF* based on the subject's movement. As a result, accurate focusing can be obtained even when the subject is moving toward or away from the camera.

* One-shot AF; Focusing stops once completed. The original focus remains locked as long as the shutter button is kept pressed natiway.

Al Servo AF: An advanced autofocus mede which continuously focuses moving subject as long as the shutter button is kept pressed

malipaual Film Speed Setting

I. BASIC OPERATION

Battery Check Symbols in the LCD Panel

@u : Battery power sufficient.
ca : Have a new battery handy.
: Replace the battery.
SEE blinking): See p. 55.

- e When not using the camera, always be sure to set the command dial to prevent battery drain due to accidental pressing of the shutter button.
- e Always check the battery condition before taking pictures.
- e Carry a spare battery when going on trips or when planning to take many pictures.

See p. 48 for shooting capacity

Sharp pictures require that the camera beheld still to prevent unnecessary movement called "camera shake" that can ruin your pictures. Try the suggested tips below.

- Hold the camera firmly in your right hand. Place the palm of your left hand on the bottom of the camera to support the lens,
- Keep both elbows close to your body
 Spread your feet apart about shoulde
- Spread your feet apart about shoulder width for a steady natural stance.
- 4) Lightly hold the camera against your nose and look into the viewfinder There is no one correct way to hold the camera. Experiment to find the most comfortable position. Whenever possible, lean against a steady support such as a tree, wall, or table to help you keep the camera still

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Normal condition

Pressed halfway

Pressed completely

Shutter button action plays an important part in taking good pictures. A quick stroke with the tip of your finger may cause "camera shake." Always press the shutter button slowly and gently with the ball of your finger.

Be sure not to touch the front of the lens

e When the subject cannot be focused, the green AF symbol "@" starts blinking and the shutter will not release. (Se

There are a few subjects that may difficult for the camera to focus. The green AF symbol will blink in the viewfinder to warn you of this condition.

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Always load film out of direct sunlight. Never touch the shutter curtain. Its precision design makes it sensitive to pressure. When loading film, be careful that the film tip does not touch the

This camera uses a prewind system. Wher film is loaded, the camera first winds all of the film onto the take-up spool and then rewinds it back into the film cartridge one frame at a time as each picture is taken. The frame counter on the LCD panel decreases as pictures are taken, allowing you to always see at a glance the remaining frames.

For DX-coded film, the camera automatically sets the film speed when the film is loaded. (For manual film speed setting, see p. 46.)

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This setting for basic operation allows you to begin shooting immediately without making any settings before taking pictures.

1) Set the command dial to "Q"

2) Compose the picture and make sure the focus mark (©) covers the subject

If you are using a zoom lens, turn the zoom ring to vary the size of the subject

- 3) Press the shutter button halfway.

 When the subject is in focus, the green
 AF symbol, shutter speed and aperture
 value light up in the viewfinder and a
 short double beep sounds.

 Press the
 shutter button all the way down to take
 the picture.
 - are also displayed in the LCD panel.
 - e In low light or backlit conditions, the

Switch to flash photography (see p. 4) or usea tripod.

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Focus Lock

This camera focuses on the subject covered by the focus mark in the center of the viewfinder. For off-center subjects, use focus lock to set the focus and then recompose the picture as desired.

- Cover the subject with the focus man and press the shutter button halfway.
- Keeping the shutter button pressed halfway, recompose the picture as desired and then press the shutter button all the way down to take the picture.

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With P.I.C., focus and film wind settings as well as shutter speed and aperture value settings are made automatically for four types of pictures: portraits, landscapes, close-ups, and sports. This allows you to take pictures easily and concentrate on composition © ifthe 4 "mark blinks in the viewfinder, switch to flash photography or use a tripod. @ If the shutter speed blinks to warn of camera shake, we recommend switching to flash photography or using a tripod.

A Portrait Settings: One-shot AF/Continuous wind/Evaluative metering

Shallow depth of field is generally used to emphasize the subject, therefore large apertures (small numbers) are set. Focus on the subject's eyes. Continuous film wind helps keep up with the subtle changes in expression.

For effective background blur, separate the subject from the background as much as possible and use a telephoto lens or the telephoto setting on your zoom lens (80 mm on the FE 35-80 mm (/4-5-6)

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VA, Sports Settings: Al focus AF/Continuous wind/Evaluative metering

Faster shutter speeds are emphasized to nelp you keep up with all the action while Al servo tracks the subject's movement. Keep the focus mark on the subject. * Continuous shooting is possible by holding the shutter button down.

II. ADVANCED C

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The command dial's "Creative Zone" provides five shooting modes, enabling you to select the mode and values which best match your subject and photographic objectives. Also, with 'Creative Zone" modes, you can use functions such as exposure compensation and multiple exposure (explained in the Applications section) to further expand your creativity.

Select the desired mode by turning the command dial.

— aan]

P: Program AE Settings: Al focus AFiContinuous wind/Evaluative metering The camera sets both aperture and shuter speed automatically, taking into account the lens in use.

Checking the Exposure

If the exposure data blink, the exposure is not correct. Use a flash in low light situations or use an ND (neutral density) filter in bright situations.

25 80.

In the Creative Zone, an exposure level scale and exposure level mark appear in the viewfinder and LCD panel in addition to the exposure data (shutter speed and aperture value). The posure level mark indicates the amount of exposure compensation in the four AE modes and the exposure level in manual exposure mode.

Tv : Shutter-priority AE Settings: Al focus AF/Continuous wind/Evaluative

In this mode the user selects the shutter speed and the camera sets the aperture value for the lighting conditions. This mode is best for taking pictures of moving subjects by controlling the shutter speed. Faster shutter speeds freeze subject motion, while slower shutter speeds can produce artistic blur effects.

ways 125 (1/125). Turn the electronic input dial for the desired shutter speed

Checking the Exposure

Underexposure - The iens' maximum aperture starts blinking. Set a slower shutter speed until it stops blinking Overexposure - The lens' minimum aperture starts blinking. Set a faster shutter M: Manual Exposure Settings: Al focus AF/Continuous wind/Center-weighted average metering.

This creative mode allows you to completely control exposure by setting both th shutter speed and aperture value.

The initial setting is always 1/125 sec. at 115.6.

- Set the command dial to "M" and turn
 the electronic input dial to set the
 desired shutter speed.
- While pressing the exposure compensation button, turn the electronic input dial to set the desired aperture value.
-) Press the shutter button halfway and check the exposure data
 - e The exposure level mark is displayed in the viewfinder and LCD panel as shown in the illustrations.

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DEP: Depth-of-Field AE Settings One-shot AF/Single frame wind/Evaluative metering

Depth-of-Field AE mode places everything between user set points in the foreground and background in focus. The points are set using the focus mark in the viewfinder

The camera sets the necessary aperture value and shutter speed to obtain the best possible results under the existing lighting.

^{*} This mode cannot be used with flash.

Checking the Exposure

- wide-angle lens or zoom lens' wide-angle setting and repeat steps #2 through 4. When the aperture value stops blinking, the distance range will be
- situations. The flash can not be combined with this mode.

- operation, set the command

- e If the focus points are extremely near

3.3-9.8 ft

23⁷-39ft

Ka

49-19.7 ft 33-19.7 tt

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. If indoors, turn on additional room lighting.

Viewfinder Information When Using th

'Shooting mode	Warning display		
	During daylight fill-in flash photography, the The ba		
	lens' minimum aperture value blinks.		
	The tens' minimum aperture value blinks.	T	
	The tens' maximum aperture value blinks.	T d	
	The fastest possible x- syne shutter speed 90	Т	
(AV) Aperture-priority	(1/90 sec.) blinks.		
	Fige at work (Storter).)	T d	

X-syne Shutter Speed and Aperture Value

Shooting mode X-syne shutter speed		Aperture value		
	Automatically set to 1/60 - 1/90 sec. se	Flash aperture value automatically according to existing lighting and		
	Manually set to any desired shutter	TTL program. Aperture value automatically set ac-		
a BULA Nit	Manually set to any desired shutter Nit speed of 1/90 sec. or slower".	'cording to the set shutter speed and existing lighting.		
Aperture-priority AE	Automatically set between 30" and 1/90 sec. according to the set aperture value and existing lighting.	Manually set to any desired aperture value.		
Manual	Manually set to any desired shutter speed of 1/90 sec. or slower*.	Manually set to any desired aperture value.		

^{*} If the shutter speed is set to a value faster than 1/90 sec., the camera will automatically lower it to 1/90 sec.

III. APPLICA

With these functions you can exp tailoring the operation of your cam conditions or your photogr

The functions described in the Applications section any of the P.I.C. modes.

The main light metering system used in this camera is called 'evaluative metering." It evaluates the entire picture area by dividing it into three zones to determine the best exposure taking into consideration differences in brightness, between the subject and background and the size of the subject. With a backlit subject, for example, the camera automatically compensates to obtain correct exposure for the main subject.

Partial metering, on the other hand, reads only 9.5% of the center of the picture area This is particularly suited for photography in theaters and other situations when there is a significant difference in brightness between the main subject and background. The exposure setting is automatically locked in partial metering mode, allowing you to freely recompose the picture after metering.

Use exposure compensation for intentionally underexposed or overexposed pictures. The compensation range is up to +/— 2 stops in half-stop increments. While pressing the exposure compensation button, turn the electronic input dial until the exposure level mark is set to the desired exposure compensation amount.

- * Exposure compensation remains active until canceled
- e To cancel exposure compensation, repeat the above procedure to return the value to 0, or set the command dial to the green zone or to any of the P.I.C
- e When used in the manual exposure mode, the metered standard value is also compensated.

Shooting Hint

For best results, we recommend setting exposure compensation depending on the number of exposures.

_ EXPosure compensati amount	
-1.0	
-15 -20	

e This table is a general guideline. The actual exposure compensation amount varies according to the subject and desired effect. This kind of photo requires experimentation for best results.

When using non DK-coded film or when you want to set the effective speed of a film determined from your own tests, you can manually set the film speed to any value from ISO 6-6400 in 1/3-step increments, The setting is canceled after the film is removed and replaced with another DK-

- a film speed appear in the LCD panel
- Turn the electronic input dial to set the desired film speed.

1. Comparisons Between AF Mode and

AF lock and AE lock in the evaluative metering mode take place simultaneously AF completion. The sh releases only after AF pletion.

AF lock and AE

Continuous

AF lock and AE

Completion, then conous exposure is activated.

The battery's shooting capacity varies depending on the number of flash use and on the temperature of the environment. Refer to the table below.

Temperature	Without Flash	With 50% Flash	With 100% Flash
Normal (20°C)		40 rolls	15 rolls
Low (-20°C)	45 rolls	25 rolls	10 rolls

© Based on anew 2CR5 lithium battery using the EF 35-80 mm f/4-5.6 lens and 24-exp. film.

This camera is equipped with advancer "Intelligent Program AE" which chooses the best shutter speed/aperture combinations, taking the lens' focal length into account (for green zone mode and Program AE mode).

In green zone mode, the automatically set

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Program Shift Characteristics

(EF 50 mm #/1.8 - example with shift at EV 13) e Indicates the shutter speed/aperture combinations with program shift.

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The accessories described in this section are sold separ

2. Grip Extension GR-70

The grip extension increases the size of the grip to provide a more comfortable and secure hold for large hands. An adjustable padded strap is included for easier handling. Fastens into the tripod socket with a lock nut screw.

3. Dioptric Adjustment Lenses

For eyeglass wearers, there are 10 correction lenses available from +3 to -4 dpt Conduct a test before purchase for the best match to your prescription and make

Keep your camera in top condition by following these suggestions for periodic cleaning. See the precautions on p. 5 tor other important information.

- Cleaning the lens surface—
 Blow off dust with a blower brush and gently wipe the lens surface with a piece of lens cleaning paper moistened with lens cleaner. Clean in a spiral motion from the context outburder.
- 2. Cleaning mirror and focusing

Use a blower brush reserved for this purpose only. If more cleaning is necessary, NEVER attempt to do it yourself. Take the camera to an authorized Canon service facility.

- Cleaning the film chamber—
 Use a blower brush to remove accumulated film dust particles that might scratch the film. Be careful NOT TO
 TOLICH the shutter curtain.
- Cleaning the film pressure plate and film guide rails—
 - Lightly wipe the surface with a piece of ens cleaning paper moistened with lens cleaning. Be careful NOT TO TOUCH
 - © Use of aerosol spray dust removers

Liquid Crystal Display/Battery Notes

The LCD panel uses liquid crystal to show exposure information. After about five years, the display may become difficult to read. If this occurs, have it replaced at an authorized Canon service facility. Replacement is at the owner's expense.

Liquid crystal may also respond relatively slowly in temperatures below 32°F/0°C. It may also darken in temperatures around 140°F/60°C. The LCD panel will return

- 4. The battery may explode or cause burns if disassembled, recharged, shorted, exposed to high temperatures, or disposed of in fire. Be sure to observe all precautions indicated on the battery package. Always keep it out of the reach of children.
- a If the battery check symbol blinks or does not appear in the LCD panel during battery check, exposure will be okay as long as the shutter releases. Film advance and rewind will be impaired by insufficient battery power. If wind crewind stops due to the exhausted battery, the film cartridge symbol will blink. Film transport resumes after a new battery is loaded.

Blinking "c>" Display

There are two conditions when the blink-

- If the battery is nearly exhausted, the blinking "<3" will appear when the shutter button is pressed halfway or when the battery is checked.
- If the remaining battery power does not show a replacement condition, but the camera's self-test process detects an internal malfunction, the blinking " €3" will appear when the shutter button is pressed halfway."
 - * In this case, remove the battery once. Wipe the battery terminals and reload it. Check the battery again. If the blinking "<>" still appears, the camera needs to be examined by an authorized Canon service facility.

TYPE AND MAJOR COMPONENTS

Type: 35 mm focal plane shutter SLR (single-lens reflex) autofocus/auto exposure camera, with built-in motor drive and flash.

Lens Mount: Canon EF mount (electronic

signai transter system) sable Lenses: Canon FF

Viewfinder: Fixed eye-level pentaprism.
Gives 90% vertical and horizonta
coverage of actual picture area and
0.75X magnification with 50 mm lens at
infinity.

Standard Diopter: Adjusted to -1.
Focusing Screen: Fixed, new laser-matte screen with focus mark and partial metering mark.

Shutter: Vertical-travel, focal plane shutter with all speeds electronically controlled.

Shutter Speed: 1/1000 - 30 sec. and bulb.

Set in 1/2-stop increments. X-sync i

AUTOFOCUS

IF Control System: TTL-SIR (Secondary Image Registration) phase detection type using BASIS (Base-Stored Image Sensor). Two modes available: One-shot and Al Focus that automatically switches to One-shot or Al Servo according to subject.

Manual focusing also possible

AF Working Range: EV 1 - 18 at ISO 100.
AF Auxiliary Light: Automatically projected when necessary by the specified

EXPOSURE CONTROL

Light Metering: TTL full-aperture meter ing using an SPC (Silicon Photocell).

Three metering patterns available:
3-zone evaluative metering, partiemetering which covers approx. 9.5% of
the central picture area and centerweighted average metering (only when
selecting the manual exposure mode).

Metering Range: EV 2-20 with 50 mm f/1.4 lens at ISO 100.

Shooting Modes:

- Green Zone (Intelligent Program AE)
 Dragrammed Image Central (Partrait
- Programmed Image Control (Portrait Landscape, Close-up, Sports)
- Intelligent Program A
 Shutter priority AF
- 4. Shutter-priority AE
- 5. Aperture-priority AE
- 6. Metered Manual
- 3. Flash AE (A-TTL or TTL program f

Film Wind: Automatic. One of two modes is automatically set: Single Frame and Continuous (1 fps maximum). Film Rewind: Automatic rewind at end of roll.

POWER SOURCE

Battery: One six-volt lithium battery (2CR5).

OTHER

Self-timer: Electronically controlled with a 10-sec, delay.

DIMENSIONS

Size: 5-7/8" (W) × 343/16" (H) > 2-1116" (D)

148 (W) x 99.8 (H) x 68 (D) mm

Weight: 15.8 oz. (450 g) without battery

LENSES

EF 3580 mm

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BUILT-IN FLASH

Type: Built-in TTL automatic flash. Manually retractable. Series control system.

Guide Number (ISO 100): 39-ft/12-m Flash Coverage Angle: Covers the angle

Recycling Time: Approx. 2 sec.
Flash Duration: 1 ms or less

Flash Control System: TTL automatic control by metering light reflected from the film plane.

Shooting Distance Range: 2.3-14.1 ft/0.7-4.3 m (Based on ISO 100 film. The shooting distance range changes according to film speed.)

AF Auxiliary Light: Automatically emitted when the shutter button is pressed halfway if necessary. Effective distance range: 3.3-13.1 ft/1-4 m

Power Source: Same as that of the body

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Tim Chook Window