Canon

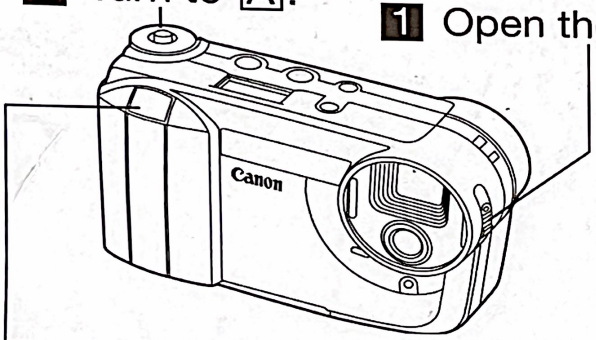
PowerShot 600
Digital Camera

Picture-Taking Pocket Guide

1. AUTO Mode

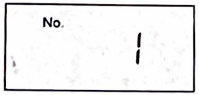
2 Turn to [A].

1 Open the Lens Cover.



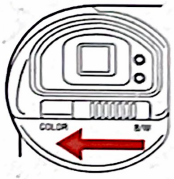
5 After the Green Lamp lights, press the Shutter Button completely to take picture.

Available storage space

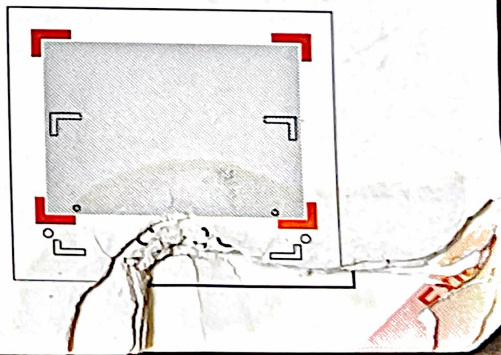


The next serial number appears when pressing the Shutter Button halfway.

3 Set to COLOR.



4 Frame the shot, and press the Shutter Button halfway.



2. Using Rechargeable Ni-Cd Battery

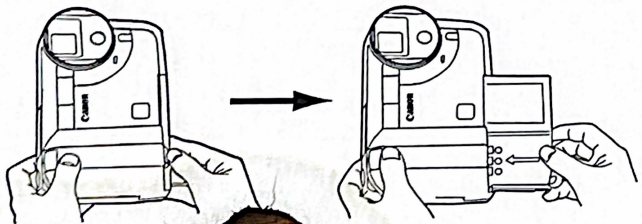
Before using camera for first time, fully charge Ni-Cd battery for 15 hours.

1 Close the Lens Cover.

Before performing each of the following steps, make sure there is no camera activity. That is, make sure that
- **Nothing is showing on the Display Panel.**
- **Neither the Green nor Red Lamps are blinking or lit.**

2 Open the Battery Chamber Cover.

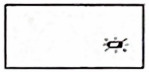
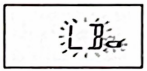
3 Insert / Remove the Battery to / from the camera.



Position the Battery Pack so that the arrow is facing the front of the camera.

ttery Chamber Cover.

Low Battery Message

Display Panel	Meaning
	Low battery power (Recharge or replace soon.)
	Battery power exhausted (Recharge or replace immediately.)

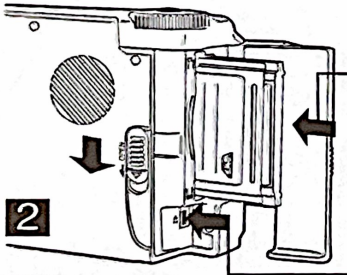
Shooting Capacity with Fully Charged Battery

Storage Media	Number of Images (Approximately)	
	Flash Off	Flash 25%
Internal Flash Memory	340	300
CompactFlash Card (FC-4M)	480	400
HD Card (HC-170M)	180	150

3. PCMCIA/ATA Cards

1 Close the Lens Cover.

Before performing each of the following steps, make sure there is no camera activity. That is, make sure that
- **Nothing is showing except "00" on the Display Panel.**
- **Neither the Green nor Red Lamps are blinking or lit.**



2 Open the Card Slot Cover.

3

Inserting the card

Insert the card with its back facing the backside of camera.

Removing the card

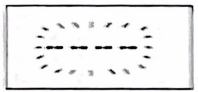
Press the Card Eject Button to remove the card.

4 Close the Card Slot Cover.

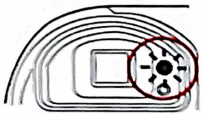
	Record data in	Erase data in
With PC card	PC card	PC card
Without PC card	Internal Flash Memory	Internal Flash Memory

CompactFlash Card : FC-4M
HD Card : HC-170M

The FC-4M and the HC-170M Canon products are the only products which are guaranteed by Canon to work with the PowerShot.

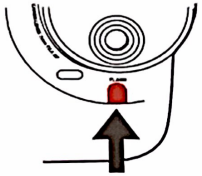


The camera is checking the card.

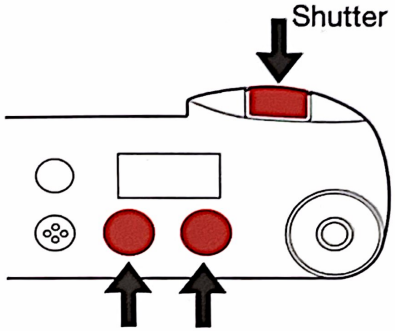


Green Lamp blinks twice when the card is accepted.

4. Flash



Flash Button



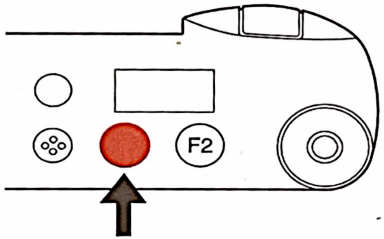
Flash AUTO/OFF

Mode Dial	Button Used	Status	Display Panel
A AUTO or CUSTOM	FLASH (Hold down) + F1 or F2 (Press)	AUTO ↓↑ Flash OFF	70% Flash Off (Flash OFF mode)

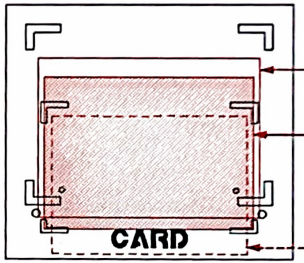
Flash ON (Forced flash)

Mode Dial	Button Used	Status	Display Panel
A AUTO or CUST	FLASH (Hold down) + Shutter	Flash ON	No change

5. Macro Photography



F1 Button



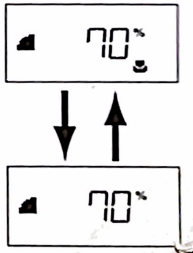
Effective Shooting Area

Shooting Distance

15-3/4 in (40cm)

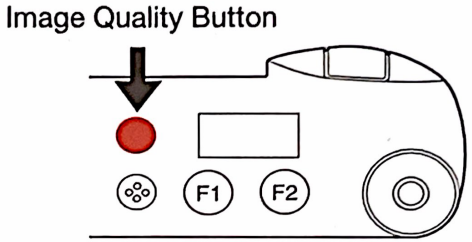
8 in (20cm)

4 in (10cm)

Mode Dial	Button Used	Status	Display Panel
A AUTO or CUSTOM	F1 (Press)	Macro ON ↓↑ Macro OFF	

Available shooting distance in Macro Photography: 4 ~ 15-3/4 inches (10 ~

6. Image Quality Setting



Mode Dial	Button Used	Status	Display Panel
A AUTO or CUSTOM	QUALITY ◯ (Press)	FINE → NORMAL → ECONOMY	70 → 70 → 70

mode (CUSTOM) and B/W text mode do not accept Image Quality Setting.

Image Quality Setting

	FINE	NORMAL	ECONOMY
Compression Ratio	Low	Medium	High
Image Quality	Highest	Normal	Less Detail
File Size (Approximately)	150 kB	75 kB	43 kB
Capacity of Internal Flash Memory (including thumbnail files of 15 kB each)	4 images	9 images	15 images

File sizes vary depending on the scene or subject.

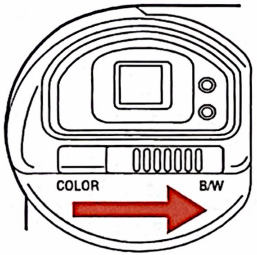
Approximate Image Storage Capacities

(Unit: Image)

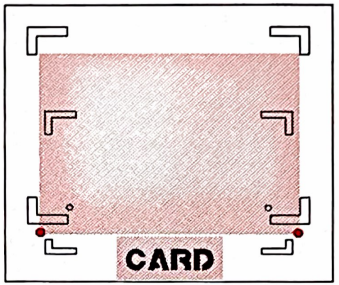
Image Size (pixels)	Image Quality Setting	Internal Storage (1MB)	CompactFlash Card (4MB)	HD Card (170MB)
CRW (832 X 608)		1	5	240
AUTO (832 X 608)	FINE	4	21	800
	NORMAL	9	38	1,500
	ECONOMY	15	62	2,500
MED (640 X 480)	FINE	6	30	1,200
	NORMAL	12	51	2,000
	ECONOMY	19	78	3,200
SML (320 X 240)	FINE	17	71	2,900
	NORMAL	26	104	4,300
	ECONOMY	36	134	

7. B/W Mode

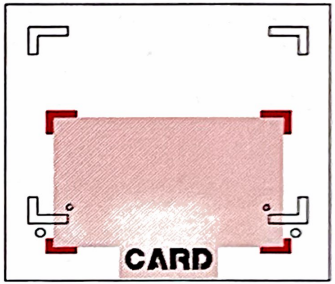
Use black and white text mode for shooting pictures of documents, cards or notes on a whiteboard.



Effective Shooting Area



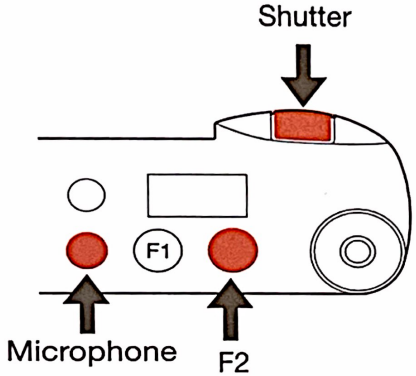
Letter-sized



Card-sized
(Use with Macro mode)

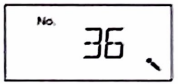
Mode Dial	Button Used	Status	Display Panel
A AUTO or CUSTOM	COLOR B/W TEXT	Black & White	Image quality icon disappears.

8. Sound Recording



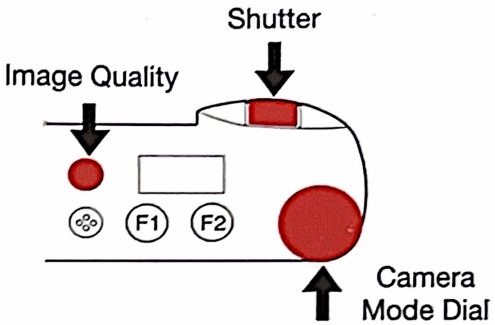
(When erasing)

The image of serial number 36 is accompanied by sound annotation.



Mode Dial	Button Used	Status	Display Panel
A AUTO or CUSTOM	F2 + Shutter	Activate	1
	F2 or Shutter (Hold down)	Recording	12 Count up
	Release the button	Cancel	70

9. Erasing Images/Sounds



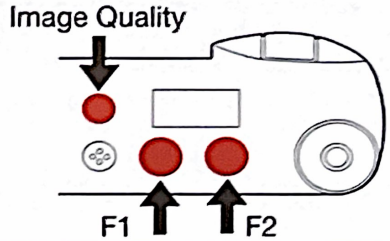
Single Erase

Mode Dial	Button Used	Status	Display Panel
ERASE	QUALITY ○ (Hold down) Shutter	Erase one by one from the latest image	No. 125 — Serial number of the latest image

All Erase

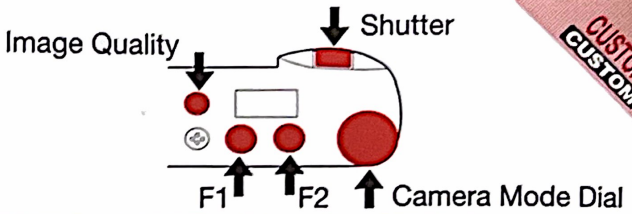
Mode Dial	Button Used	Status	Display Panel
ALL ERASE	QUALITY ○ (Hold down) Shutter	Erase all images at once	No. 125 — Serial number of the latest image BUSY — Being erased No. NON — All images erased

10. Exposure Compensation



Mode Dial	Button Used	Status	Display Panel
A AUTO or CUSTOM	QUALITY ○ + F1 or F2	Activate	2/3 EXP (Last amount)
	Hold down: + F2	Increment	every 1/3 stop to 3/3 stop
	Hold down: + F1	Decrement	every -1/3 stop to -3/3 stop
	Release the button	Setting completion	70 EXP
	QUALITY ○ (Hold down) + F1 or F2	Cancel	70

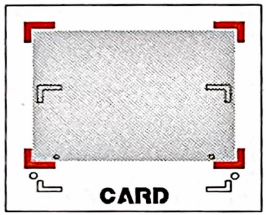
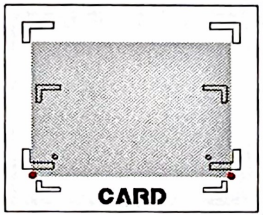
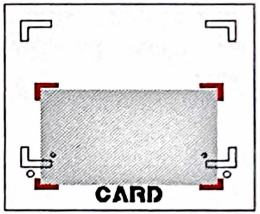
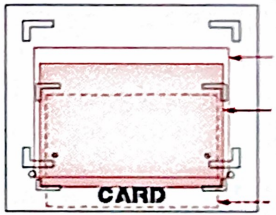
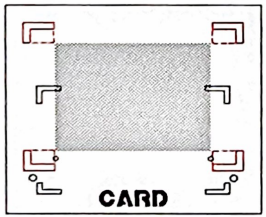
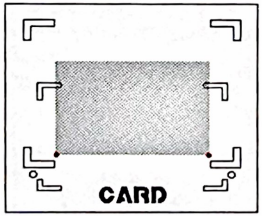
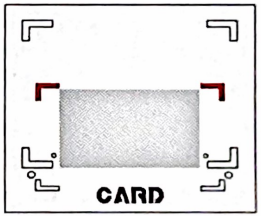
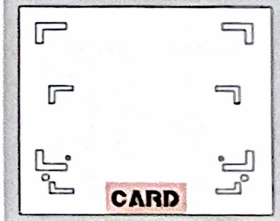
11. CUSTOM Mode



Mode Dial	Button Used	Status	Display Panel
CUSTOM	F1 + Shutter (Hold down)	Activate	CUSTOM MED
	F1 or F2 (Press)	640 X 480-pixel resolution 320 X 240-pixel resolution 10-sec self-timer 2-sec self-timer CCD "RAW" data F1 / F2	CUSTOM MED CUSTOM SML CUSTOM TIM CUSTOM TM2 CUSTOM CRW
	(Hold down) F1 + Shutter	Setting completion	CUSTOM stops blinking.

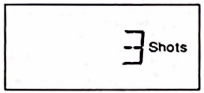
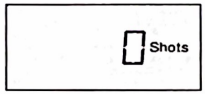
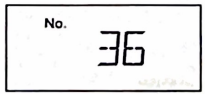
12. Viewfinder

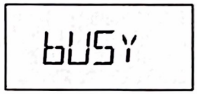
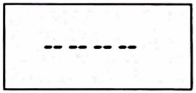
Compose the subject within each effective shooting area based upon the frames or the dots in the viewfinder.

Framing / Mode	Normal Over 20 inches (50cm) apart Wide Converter in use	Letter size	Macro Photography	Macro Photography Detailed Shooting Area
AUTO TIM TM2 CRW				 Shooting Distance 15-3/4 in (40cm) 8 in (20cm) 4 in (10cm)
MED SML				 B/W TEXT Mode Indicator

Note: Shaded area does not appear in viewfinder.

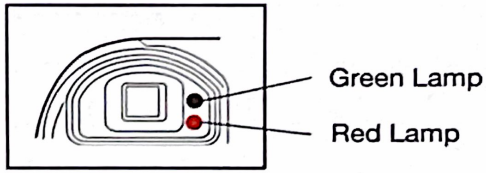
13. Display Panel

Display Panel	Meaning
	Available storage space
	Minimum number of recordable images (three images or less than 1% of the total storage space available)
	No storage available
	Serial number of the next image (recording), or the latest image (erasing). (Only the lowest three digits are displayed.)

Display Panel	Meaning
	PC card slot cover open
	Processing activity (recording, erasing)
	Processing activity
	Data transfer between camera and PC

Others are already described in the previous pages.

14. Green and Red Lamps



Lamp	Status		Meaning
Green	ON		• Subject in focus
	Blinking		• Image or sound data being recorded
		Twice	• Card accepted
Red	ON		• Flash charged (Auto Flash and Flash On modes)
	Blinking	Slowly	• Flash charging (Auto Flash and Flash On modes) • Subject too dark (Flash Off mode)
		Rapidly	• Camera not ready • Erasing operation error • Internal camera error
		for 3 sec.	• Card not accepted

15. Error Codes (1)

This section describes some error codes on the Display Panel. If you encounter the following error codes,

1. Close the Lens Cover of the camera.

Before removing and inserting the battery, make sure nothing is showing on the Display Panel (except error codes, and "00", "bUSY", "NON" in the following cases), and neither the Green nor Red Lamps are blinking or lit.

2. Remove the battery from the camera, and then put it in the camera again.
3. If you still see the error code, take each procedure as mentioned below.
   (If you see the error code "Er4F", be sure to take the following procedure.)

Error Code	Meaning	Solution
Er B	The camera cannot record an image due to a problem with the camera file management. That is, the PCMCIA/ATA card that has the \PWRSHOT\CTG99999 subdirectory has more files than the camera can handle.	Transfer the necessary files in the \PWRSHOT\ CTG99999 subdirectory to some other directory, then delete the \PWRSHOT\CTG99999 subdirectory and its files.
Er D	The camera cannot record an image because the camera cannot accept the PCMCIA/ATA card that has the \PWRSHOT\ CTG99999 file.	Rename the CTG99999 file, or transfer the \PWRSHOT\CTG99999 file to some other directory.
Er E	The camera cannot record an image because it cannot create the PWRSHOT directory because there is a file named PWRSHOT under the root directory.	Rename the PWRSHOT file under the root directory, or transfer the PWRSHOT file to some other directory.

16. Error Codes (2)

Error Code	Meaning	Solution
Er4F	Logical format of the internal flash memory is corrupted.	1. Try to retrieve the images and sound files using the PowerShot TWAIN Driver; you may be able to recover them. 2. Reformat the internal flash memory by performing the following steps (using a fully charged Ni-Cd battery, new alkaline batteries, or the Battery Charger): a. Close the camera Lens Cover. Before performing each of the following steps, make sure • Nothing is showing on the Display Panel (except error codes, and "00", "bUSY", "NON"). • Neither the Green nor Red Lamps are blinking or lit. b. Open the Card Slot Cover, confirm "00" appears on the Display Panel, then remove the PCMCIA/ATA card, if used. c. Close the Card Slot Cover firmly. d. Open the Lens Cover. e. Turn the Mode Dial to "ALL ERASE". f. Press and hold down the Quality and the Macro buttons, and then press the Shutter Button fully for one second. "bUSY" will appear on the Display Panel for about one minute. g. After "NON" appears on the Display Panel, remove the battery from the camera. h. After about ten seconds, put the battery in back in the camera.
Er F	PCMCIA/ATA format error.	1. Try to correct errors using a utility such as the CHKDSK or SCANDISK programs on your PC. 2. Try to transfer the data on the PCMCIA/ATA card to a hard disk drive on your PC. 3. Try to reformat the card using a PC.

17. Error Codes (3)

Error Code	Meaning	Solution
Er7E	The camera cannot record an image because the COLOR-B/W TEXT Mode Selector is not set firmly.	Set the COLOR-B/W TEXT Mode Selector firmly.
Er84 Er85	The camera cannot record an image because it cannot create the PWRSHOT directory because: The hardware or the logical format of the PCMCIA/ATA card is destroyed.	1. Try to correct errors using a utility such as the CHKDSK or SCANDISK programs on your PC. 2. Try to transfer the data on the PCMCIA/ATA card to a hard disk drive on your PC. 3. Try to reformat the card using a PC. 4. If the card cannot be reformatted, replace the card.
Er 2	The PCMCIA/ATA card is nearly full with previously recorded data (not by the PowerShot camera).	Copy the recorded data to a PC (if needed), then erase the data.

If you reformat the internal flash memory of the camera to solve an "Er4F" error, the settings for Exposure Compensation, Flash Mode, Macro Mode, and Image Quality will be reset to the default values (Exposure Compensation: none, Flash Mode: auto, Macro Mode: off, Image Quality: NORMAL). The Time Zone and the Owner's Name also could be reset according to the defect severity. Please edit the settings using the PowerShot Profile as needed.

Once you have corrected an error, re-take any picture you may have been taking when the error occurred.

If an error occurs other than those listed in the above table, perform the following actions:

1. Close the camera Lens Cover.

Before performing each of the following steps, make sure
- Nothing is showing on the Display Panel (except error codes).
- Neither the Green nor Red Lamps are blinking or lit.

2. Remove the battery from the camera.
3. Put it back in the camera.
4. If you still see the error code, contact a Canon Computer Customer Care Center at 1-800-423-2366 (U.S.) or 1-800-263-1121 (Canada).

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