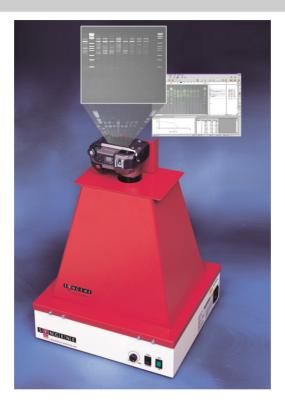
### DigiGenius Quick Start Guide



This guide explains basic operations for first-time use, how to use the direct print function and how to install the software and download images to a computer. For more information about usage precautions and detailed instructions, please refer to the other related manuals (page 2).

You must install the software bundled on the Canon Digital Camera Solution Disk before connecting the camera to the computer.

Please refer to the Troubleshooting section of the Software Starter Guide if you have trouble installing the software or downloading images.

Before using the DigiGenius to capture gel images it is advisable to familiarize yourself with the camera and its controls. Please review this complete manual before starting work.

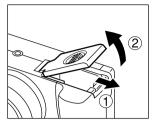


## Content

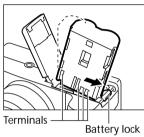
For detailed instructions,see the other manuals below.

Preparing the camera Shooting Reviewing an image Selecting menus and settings List of menu options	3 4 5 6 7	Camera User Guide
Setting up the DigiGenius — for UV illuminated DNA gels	15	
Setting up the DigiGenius — for white light illuminated protein gels	. 18	
Printing images by connecting the camera directly to a printer	21	Printer User Guide (included with your Canon printer)
Downloading images to a computer (Windows)	24	
Downloading images to a computer (Macintosh)	31	
Printing to a thermal printer	36	
Transfer of images to GeneTools for analysis	37	

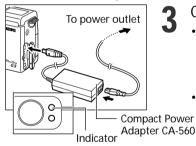
## **Preparing the Camera**



1 Slide the battery cover in the direction of the arrows.



Press the battery lock while inserting the Battery Pack BP-511 and close the battery cover.

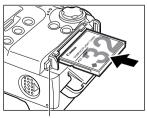


**?** Charge the battery.

- The battery is approximately 90% charged (adequate charge for use) when the orange indicator beside the viewfinder stops blinking and lights steadily.
- After charging, detach the compact power adapter's DC plug from the camera.



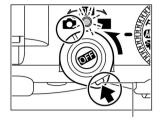
4 Slide the **CF** card slot cover in the direction of the arrow and lift it open.



CF card eject button

- Install the CF card and close the **CF** card slot cover.
  - Insert the CF card with the label facing out and push the card in until the CF card eject button fully extends.

## Shooting



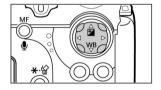
- Remove the lens cap and turn the power on.
  - Open the LCD monitor and turn the mode lever to (shooting) while pressing the release lever.

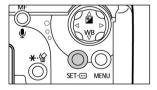


Turn the mode dial to AUTO.

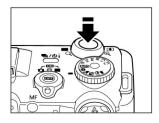


- 3 Set the date and time. (First time the camera is powered on)
  - The Set Date/Time menu will appear on the LCD monitor.

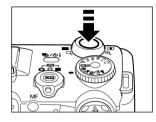




• To put the settings into effect, press the **SET** button.



- Focus.
  - Aim the camera and lightly press the shutter button halfway. Two beeps will sound when the autofocus is set.

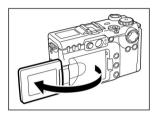


#### Shoot.

- Press the shutter button all the way. You will hear the sound of the shutter close when the shot is complete.
- The recorded image appears in the LCD monitor for approximately 2 seconds.

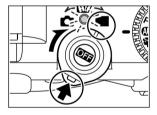
## Reviewing an Image

Displays the recorded images on the LCD monitor.



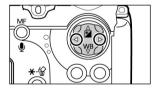
#### Open the LCD monitor.

• The LCD monitor can be freely opened to various position.



#### Turn the mode lever to ►.

- The camera powers up in Replay mode.
- The power/mode indicator lights green.
- The last recorded image appears.



Move between images using the ◀ or rrow on the omni selector.

#### To Immediately Delete the Displayed Image

- 1. Press the ل button while the image is displayed.
- 2. Confirm that [Erase] is selected and press the **SET** button.



## **Selecting Menus and Settings**



- In Shooting mode, the [ (Rec.)] menu appears. In Replay mode, the [ (Replay)] menu appears.
- 2 Switch between menu tabs using the ◀ or ▶ arrow on the omni selector.



09.09.'0212:56

Beed

LCD Brightness ፡∺ Auto Power Down On

Shutter Volume 💶

3 Select a menu item using the ▲ or ▼ arrow on the omni selector.



- Select setting contents using the ◀ or ► arrow on the omni selector.
  - Press the SET button for items followed by an ellipsis (...) then select a setting. Press the SET button again to confirm the setting.
- Press the **MENU** button to close the menu.

# **List of Menu Options**

#### Rec. Menu

Some items may not appear in certain Shooting modes.

\*Default setting

Item	Menu Screen	Settings Content
Flash Sync	Flash Sync	Sets the timing at which the flash fires.  • 1st-curtain*  • 2nd-curtain
Slow Synchro	Flash Sync 1st-curtain Slow Synchro On Off Flash Adjust Auto Red-eye On Cont. Shooting On Self-timer	Sets the slow synchro.  On Off*
Flash Adjust	Flash Sync 1st-curtain Slow Synchro Off Flash Adjust  Auto Red-eye  On Cont. Shooting  Self-timer  Ca	Sets whether or not the flash is adjusted automatically. • Auto* • Manual
Red-eye	Flash Sync 1st-curtain Slow Synchro Off Flash Adjust Auto Red-eye On Off Cont. Shooting Self-timer Ch	Sets whether or not the red-eye reduction lamp fires.  • On*  • Off
Cont. Shooting	Slow Synchro Off Flash Adjust Auto Red-eye On Cont. Shooting D Self-timer Co Wireless Delay 2 sec.	Sets the continuous shooting option.  • ☐ (Standard)*  • ☐ (High speed)
Self-timer	Flash Adjust Auto Red-eye On Cont. Shooting Ch Self-timer Ch C2 Wireless Delay 2 sec. Spot AE Point Center	Sets the duration before the self-timer releases the shutter once the shutter button is pressed. • 2 seconds • 10 seconds*

Item	Menu Screen	Settings Content
Wireless Delay	Red-eye On Cont. Shooting  Self-timer (%) Wireless Delay-42 sec. Spot AE Point Center ND Filter Off	Sets the duration before the self-timer releases the shutter once the remote control shutter button is pressed.  • 0 seconds  • 2 seconds*  • 10 seconds
Spot AE Point	Cont. Shooting  Self-timer CO Wireless Delay 2 sec. Spot AE Point Center ND Filter Off MF-Point Zoom On	Sets the Spot AE Point option, Center (the AE point is fixed to the center) or AF Point (the AE point corresponds to the AF point).  • Center*  • AF Point
ND Filter	Self-timer Cib Wireless Delay 2 sec. Spot AE Point Center ND Filter On Off MF-Point Zoom On AF Mode Continuous	Sets the ND filter.  On Off*
MF-Point Zoom	Wireless Delay 2 sec. Spot AE Point Center ND Filter Off MF-Point Zoom On Off AF Mode Continuous AF-assist Beam On	Sets whether or not the focusing point is magnified when using the manual focus.  • On*  • Off
AF Mode	Spot AE Point Center . ND Filter Off MF-Point Zoom On AF Mode   Continuous AF-assist Beam On Digital Zoom Off	Sets the frequency of autofocus activation. When the LCD monitor is off, this setting locks in single mode. • Continuous* • Single
AF-assist Beam	ND Filter Off MF-Point Zoom On AF Mode Continuous AF-assist Beam On Off Digital Zoom Off Review 2 sec.	Sets the output of the AF-assist beam according to shooting conditions when using the auto focus.  • On*  • Off

Item	Menu Screen	Settings Content
Digital Zoom	MF-Point Zoom On AF Mode Continuous AF-assist Beam On Digital Zoom On Off Review 2 sec. Intervalometer	Sets whether or not the digital zoom combines with the optical zoom to zoom images.  • On  • Off*
Review	AF Mode Continuous AF-assist Beam On Digital Zoom Off Review <2 sec. Intervalometer Save Settings	Sets the duration images display on the LCD monitor after the shutter button is released.  • Off • 2 sec.* to 10 sec.
Intervalometer	AF Mode Continuous AF-assist Beam On Digital Zoom Off Review 2 sec. Intervalometer Save Settings	Shoots automatically at set intervals.
Save Settings	AF Mode Continuous AF-assist Beam On Digital Zoom Off Review 2 sec. Intervalometer Save Settings	Saves settings selected in the shooting menu and the function menu to the mode dial's <b>C1</b> or <b>C2</b> mode.

## **Replay Menu**

Item	Menu Screen	Settings Content
Om Protect	Protect Rotate Erase all Slide Show Print Order Transfer Order	Protects images from accidental erasure.
Rotate	Protect Protect Frase all Slide Show Print Order Transfer Order	Rotates images 90 or 270 degrees clockwise in the display.

Item	Menu Screen	Settings Content
<b>∦</b> Erase all	Protect Rotate Frase all Slide Show Print Order Transfer Order	Erases all images from a CF card (excluding protected images).
Slide Show	Protect . Rotate Erase all Slide Show _ Print Order Transfer Order	Plays images in an automated slide show.
Print Order	Protect Rotate Erase all Slide Show Print Order Transfer Order	Sets the images that will be printed on a DPOF-compatible printer or at a photo lab service, the number of copies and other parameters.
☐ Transfer Order	Protect Rotate Erase all Slide Show Print Order  Primisfer Order	Sets the images that will be transferred with your e-mail software.

## Set up Menu

Item	Menu Screen	Settings Content
Веер	BeeD On Off LCD Brightness * Auto Power Down On Date/Time 09.09.02 12:56 Format (F) 3118 Shutter Volume	Sets whether or not the beep sounds when the shutter button is pressed or when a menu operation is performed.  On*  Off (Still beeps to warn of an error even when set to Off)
LCD Brightness	Beep On LCD Brightness * # Auto Power Down On Date/Time 09.09.'02 12:56 Fornat [FF] 31WB Shutter Volume	Sets the brightness level of the LCD monitor.  • ※ (Normal)*  • (Bright)

Item	Menu Screen	Settings Content
Auto Power Down	Beep On LCD Brightness ** Auto Power Down On Off Date/Time 09.09.0212:56 Fornat [EF] 31MB Shutter Volume	Sets whether or not the camera automatically powers down after a specified period of time elapses without something being pressed.  • On*  • Off
Date/Time	Beep On LCD Brightness # Auto Power Down On Date/Time 09.09, 02 12:56 Fornat (F) 31/8 Shutter Volume	Sets the date, time and date format.
Format	LCD Brightness # Auto Power Down On Date/Time 09.09.0212:56 Format CE 31MB Shutter Volume Playback Vol	Formats (initializes) a CF card.
Shutter Volume	Auto Power Down On Date/Time 09.09.'02 12:56 Fornat [CF] 31UB Shutter Volume	Adjusts the sound volume when the shutter button is pressed all the way. There is no shutter sound in Movie mode.
Playback Vol. (Replay)	Date/Time 09.09.0212:56 Format [F] 31MB Shutter Volume ————————————————————————————————————	Adjusts the sound volume when a sound annotation or a movie is played.

Item	Menu Screen	Settings Content
Start-up Vol.	Format [F] 31MB Shutter Volume	Adjusts the sound volume when the camera powers up.
Operation Vol.	Shutter Volume Playback Vol Start-up Vol Operation Vol Selftimer Vol File No. Reset Off	Adjusts the sound volume of the Operation Sound.  Council (Off)  Council (1)  Council (2)*  Council (3)  Council (4)  Council (4)
Selftimer Vol.	Playback Vol. Start-up Vol. Operation Vol. Selftimer Vol. Selftimer Vol. Selftimer Vol. Selftimer Vol. Operation Vol. Operatio	Adjusts the sound volume of the Selftimer Sound.
File No. Reset	Start-up Vol Operation Vol Selftimer Vol File No. Reset On Off Auto Rotate On Distance Units m/cm	Sets how file numbers are assigned to images when new CF cards are inserted.  On Off*
Auto Rotate	Operation Vol   Selftimer Vol   File No. Reset Off Auto Rotate On Off Distance Units m/cm Language English	Sets whether or not images shot with the camera on end are automatically rotated in the display.  • On*  • Off
Distance Units	Selftimer Vol   File No. Reset Off Auto Rotate On Distance Units m/cm ft/in Language English Video System NTSC	Sets the format of the MF indicator's displayed distance units.  • m / cm*  • ft / in

Item	Menu Screen	Settings Content
Language	File No. Reset Off Auto Rotate On Distance Units m/cm Language English Video System NTSC Communication Normal	Sets the language used in the menus and messages on the LCD monitor. The menu may appear differently in some regions.  • English*  • Italiano  • Deutsch  • Norsk  • Français  • Svenska  • Nederlands  • Español  • Dansk  • Chinese  • Suomi  • Japanese  You can change the language during image replay by holding the SET button and pressing the JUMP button. (Except when the camera is connected to a printer)
Video System	File No. Reset Off Auto Rotate On Distance Units m/cm Language English Video System NTSC PAL Communication Normal	Sets the video output signal standard.  • NTSC  • PAL
Communication	File No. Reset Off Auto Rotate On Distance Units m/cm Language English Video System NTSC Communication  Normal	Sets the camera and computer communication settings.  • Normal*  • PTP

## **My Camera Menu**

Item	Menu Screen	Settings Content
Theme	Theme % 1 23 22 Start-up Image 1 Start-up Sound 1 Operation Sound 1 Selftimer Sound 1 Shutter Sound 1	Selects a common theme for each My Camera settings item.  (Off)  1 *  23  3
Start-up Image	Theme 1 Start-up Image 86 1 26 23 Start-up Sound 1 Operation Sound 1 Selftimer Sound 1 Shutter Sound 1	Sets the start-up image when you turn on the camera.  • (Off)  • 1 *  • 23

#### \*Default setting

Item	Menu Screen	Settings Content
Start-up Sound	Theme 1 Start-up Image 1 Start-up Sound 2, 1 23 23 Operation Sound 1 Selftimer Sound 1 Shutter Sound 1	Sets the start-up sound when you turn on the camera.  • (Off)  • 1 *  • 23
Operation Sound	Theme 1 Start-up Image 1 Start-up Sound 1 Operation Sound 9, 1 23 23 Selftimer Sound 1 Shutter Sound 1	Sets the sound when the multicontroller or any button other than the shutter button is operated.  • (Off) • 1 * • 23 • 33
Selftimer Sound	Theme 1 Start-up Image 1 Start-up Sound 1 Operation Sound 1 Selftimer Sound 8, 1 23 23 Shutter Sound 1	Sets the sound informing you that the photo will be taken in 2 seconds.  • (Off) • 1 * • 23 • 3
Shutter Sound	Theme 1 Start-up Image 1 Start-up Sound 1 Operation Sound 1 Selftimer Sound 1 Shutter Sound 1 Shutter Sound 1	Sets the shutter sound when you depress the shutter button. There is no shutter sound while a movie is being shot.  • (Off)  • 1 * • 23 • 13