Camera User Guide
Please Read This First

This guide explains how to prepare the camera and use its basic features.
Flowchart and Reference Guides

The following guides are available. Refer to them as necessary according to the flowchart below.

For information on included items and items sold separately

- Preparations
  - Charging the battery
  - Installing the battery and memory card
  - Setting the date, time and language

- Shooting
- Playback/Erasing

- Handling precautions, references to the various shooting and playback functions

- Printing
  - Installing the software
  - Downloading images to a computer
  - Using the software

System Map

Basic Camera User Guide (This Guide)
- Read this first.

Advanced Camera User Guide

Direct Print User Guide

Basic Camera User Guide (This Guide)

Software Starter Guide

ZoomBrowser EX/ ImageBrowser Software User Guide

In this guide, the Basic Camera User Guide is called the Basic Guide, and the Advanced Camera User Guide is called the Advanced Guide. Also, "battery" refers to the battery pack.
1. **Installing the Battery.**
   1. Slide the memory card slot/battery cover and open it (①, ②).
   2. Push the battery lock in the direction of the arrow (③), align the ▲ symbol on the battery and inside of the memory card slot/battery cover and insert the battery until it locks into place (④).
   To remove the battery, push the battery lock in the direction of the arrow (③) and hold it while pulling the battery out.

3. Close the memory card slot/battery cover.

2. **Charging the Battery.**
   Charge the battery before use under the following circumstances.
   - When using the battery for the first time.
   - When the "Change the battery pack" message displays.

**Preparations**

1. The bottom of the camera station has non-slip rubber feet.
2. The rubber feet are covered with a thin orange plastic film. Carefully peel the film off before use.
3. If dirt adheres to the rubber feet, lightly wipe them with a slightly dampened cloth.
1. Connect the compact power adapter’s DC plug to the DC IN terminal of the camera station.
   Ensure that the ▲ symbol on the DC plug is on the top and align it with the ▼ symbol on the camera station.
2. (For CA-DC20)
   Draw out the compact power adapter’s power plug (①) and plug it into a power outlet (②).
   (For CA-DC20E)
   Attach the power cord and plug the other end into a power outlet.
3. Remove the terminal cover from the camera station.
4. Place the camera securely into the camera station.
   • Do not turn on the camera.
   • The charge indicator will light orange while the battery in the camera is charging. It will change to green when the charge is complete. Charging takes approximately 90 minutes.
   • After the charge is complete, remove the camera from the camera station as soon as possible.

To protect the battery and prolong its life, do not charge it for longer than 24 hours continuously.

See the Advanced Guide: Battery Handling (p. 105)
See the Advanced Guide: Camera Station (p. 15)
3. Inserting the Memory Card.
   1. Slide the memory card slot/battery cover and open it.
   2. Insert the memory card until it clicks into place.
   3. Close the memory card slot/battery cover.

Ensure that the memory card is correctly oriented before inserting it in the camera. It may damage the camera if inserted incorrectly.

- See the Advanced Guide: Handling the Memory Card (p. 107)
- See the Advanced Guide: Formatting Memory Cards (p. 26)

To Remove the Memory Card
Use a finger to push the memory card in until you hear a click, then release it.

You can use SD* memory cards and MultiMediaCards with this camera. These cards are collectively called memory cards in this guide.
*SD stands for Secure Digital, a copyright protection system.
First Time Settings

Setting the Date/Time

1. Press the power button (①).
2. Use the ← or → button to select an item and the ↑ or ↓ button to change its value (②).
   To set the daylight saving option, use the ← or → button to display ≥.
3. Confirm that the correct time is displayed and press the FUNC./SET button (③).
   The date and time can also be set in the Set up menu (p. 13).

A rechargeable lithium battery is built into the camera to save such settings as the date/time. This battery charges
when the main battery is in the camera. When you purchase the camera, place the main battery in it for approximately four hours to charge the lithium battery. It will charge even if the camera is turned off.
• The date/time settings may be lost after approximately three weeks if you remove the main battery. Reset the
date/time settings if this occurs.

Setting the Display Language

1. Slide the mode switch to (playback).
2. Hold down the FUNC./SET button and press the MENU button.
3. Use the ↑, ↓, ← or → button to select a language and press the FUNC./SET button.
   The display language can also be set in the Set up menu (p. 13).
1. **Press the power button.**
   - The start-up sound will play and the start-up image will display in the LCD monitor.
     - Pressing the power button again turns the power off.
     - To switch to the setting that mutes all sounds (except for the warning sound), press and hold the **MENU** button while pressing the power button.

2. **Set the shooting mode to (Auto).**
   1. Slide the mode switch to (Rec.) ( ).
   2. Press the **FUNC./SET** button ( ) and use the or button ( ) to select (Auto).
   3. Press the **FUNC./SET** button ( ).

3. **Aim the camera at the subject.**
4. Focus and shoot.
   1. Press the shutter button halfway to focus.
      When the camera focuses, the camera beeps twice and the indicator lights green.

   2. Press the shutter button fully to shoot.
      The shutter sound will play and the image will record. The indicator will blink green while the image is recorded to the memory card.

**Reviewing an Image Right After Shooting**

After a shot is taken, the image appears in the LCD monitor for approximately 2 seconds. You can continue to display images regardless of the review duration setting with the following procedures:

- Keeping the shutter button pressed after a shot.
- Pressing the **FUNCTION/SET** button while the image is displayed in the LCD monitor.

To stop displaying the image, press the shutter button halfway.

See Basic Shooting Functions (p. 7).
See the Advanced Guide: Indicator (p. 24).
See the Advanced Guide for the various shooting methods available.
See the Advanced Guide: Review (p. 31).
Basic Shooting Functions

Selecting a Shooting Mode
1. Slide the mode switch to (Rec.) or (Movie) ( ).
2. Press the FUNC./SET button ( ) and use the or button ( ) to select the shooting mode.
   For a scene mode (p. 8), select the (default setting) and press the MENU button to select the desired mode.
3. Press the FUNC./SET button ( ).

Shooting Modes

Still Images
- **Auto**
  The camera automatically selects settings.
- **Manual**
  Allows you to select settings yourself, such as the exposure compensation, white balance or photo effect.
- **Stitch Assist**
  Allows you to shoot overlapping images that can later be merged (stitched) to create one panoramic image on a computer. Select [Stitch Assist] from the (Rec.) menu.
- **Macro**
  You can get as close as 10 cm to the subject to shoot.
- **Portrait**
  Blurs the background and makes a person stand out.
### Landscape
You can shoot wide, expansive scenes.

### Night Snapshot
Allows you to take snapshots of people against twilight or night backgrounds by reducing the effects of camera shake even without using a tripod.

### My Colors
Allows you to change the image colors easily with 9 modes.

### Scene Mode
By simply selecting one of the following shooting modes, you can shoot with the most appropriate settings for the scene.

<table>
<thead>
<tr>
<th>Mode</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kids&amp;Pets</td>
<td>Allows you to capture subjects that move around, such as children and pets, without missing photo opportunities.</td>
</tr>
<tr>
<td>Indoor</td>
<td>Prevents camera shake and maintains the subject’s true color when shooting under fluorescent or tungsten lighting.</td>
</tr>
<tr>
<td>Foliage</td>
<td>Shoots trees and leaves—such as new growth, autumn leaves, or blossoms—in vivid colors.</td>
</tr>
<tr>
<td>Snow</td>
<td>Shoots without a blue tinge and without making people appear dark against a snowy background.</td>
</tr>
<tr>
<td>Beach</td>
<td>Shoots without making people appear dark near water or sand where reflected sunlight is strong.</td>
</tr>
<tr>
<td>Fireworks</td>
<td>Captures fireworks in the sky sharply and at optimal exposure.</td>
</tr>
<tr>
<td>Underwater</td>
<td>Appropriate for shooting images with All Weather Case AW-DC40 (sold separately). This mode uses an optimal white balance setting to reduce bluish tones and record images with a natural hue. The exposure is regulated to use the flash as little as possible.</td>
</tr>
</tbody>
</table>

See the Advanced Guide (p. 58).
**Movie**

Shoot a movie when you press the shutter button. You can select from three modes: [Standard], [Compact] convenient for e-mail attachments and [My Colors] which allows you to change color effects. [See the Advanced Guide (p. 44).]

- The shutter speed is slow in **mode. Always use a tripod to avoid camera shake.
- In **, **, ** or ** mode, the ISO speed may increase and cause noise in the image depending on the scene being shot.
- In ** mode, shoot with the subject 1 m (3.3 ft.) or more from the end of the lens.

**Using the Zoom**

1. Press the ** or ** button.

The zoom can be adjusted from 38 – 90 mm (focal length) in 35mm film equivalent terms.

**Wide Angle:** Zooms out from the subject.

**Telephoto:** Zooms in on the subject.

To shoot underwater, install the camera in All Weather Case AW-DC40 (sold separately).

We recommend you use All Weather Case AW-DC40 for shooting at ski resorts or beaches.
### Using the Flash

1. Press the flash button to cycle through flash settings.

   ![Flash Settings Diagram]

   Flash settings cannot be used in some shooting modes.

   - **Auto**
   - **Auto with red-eye reduction**
   - **Flash on with red-eye reduction**
   - **Flash on**
   - **Flash off**
   - **Slow Synchro**

   **Auto with red-eye reduction**
   This feature reduces the effect of light reflecting back from the eyes and making them appear red.

   **Slow synchro**
   The flash timing is adjusted to a slow shutter speed, allowing you to shoot night scenes.

   You are recommended to shoot with the camera attached to a tripod or other device if the camera shake warning icon appears.

### Shooting Close-Ups

1. Select (Macro) from the FUNC. menu (p. 7).

   This records flowers and other small objects large and up close.

   **Image Area at Minimum Shooting Distance from End of Lens to Subject**
   - Maximum wide angle setting: 284 × 210 mm (11 × 8.3 in.)
   - Minimum shooting distance: 30 cm (1.0 ft.)
   - Maximum telephoto setting: 44 × 33 mm (1.7 × 1.3 in.)
   - Minimum shooting distance: 10 cm (3.9 in.)

   The exposure may not be optimal when the flash is used in macro mode in the range of 10 – 30 cm (3.9 in. – 1.0 ft.).
1. Slide the mode switch to (playback).
   The last recorded image will appear in
   the LCD monitor.

2. Use the  or  button to display the image you wish to view.
   Use the  button to move to the previous image and the  
   button to move the next image.
   Holding the button down advances the images more rapidly, but
   shows them less clearly.

   → See the Advanced Guide for the various playback methods
   available.

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**Erasing**

1. In the playback mode, use the  or  button to select an image to
   erase (①) and press the  button (②).

2. Confirm that [Erase] is selected and press the FUNC./SET 
   button (③).
   To exit instead of erasing, select [Cancel].

   Please note that erased images cannot be recovered. Exercise adequate 
   caution before erasing an image.

   → See the Advanced Guide: Erasing All Images (p. 82).

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When you place the camera in the camera station, you can 
operate the camera with the wireless controller for playing
back or erasing images (p. 24).
Settings for the shooting or playback modes or such camera settings as the date/time and sounds are set using the FUNC., Rec., Play, Set up or My Camera menu.

**FUNC. Menu**

This menu sets many of the common shooting functions.

1. Slide the mode switch to or .
2. Press the FUNC./SET button.
3. Use the or button to select a menu item.
   - Some items may not be selectable in some shooting modes.
4. Use the or button to select an option for the menu item.
   - You can select further options with the MENU button for some options.
   - After selecting an option, you can press the shutter button to shoot immediately. After shooting, this menu will appear again, allowing you to adjust the settings easily.
5. Press the FUNC./SET button.

See the Advanced Guide: Menu List (p. 31).
Rec., Play, Set up and My Camera Menus

Convenient settings for shooting or playback can be set with these menus.

Press the MENU button.

Use the or button to switch between menus.

Use the or button to select a menu item.

• Some items may not be selectable in some shooting modes.

• Menu items followed by an ellipsis (...) can only be set after pressing the FUNC./SET button to display the next menu.

• Press the FUNC./SET button again to confirm the setting.

• Press the MENU button.

See the Advanced Guide Menu List (p. 31).
**Printing**

You can easily print by connecting the camera to a direct print compatible printer*1 with a cable and simply pressing the button on the camera or wireless controller.

1. **Set the camera securely into the camera station.**
2. **Connect the camera to a Direct Print compatible printer** and turn on the printer’s power.
   - Slide the mode switch to (playback) mode and turn on the camera’s power.
   - You can also connect the camera to a TV (Advanced Guide p.89) and check the images on the TV while printing.

*1 Since this camera uses a standard protocol (PictBridge), you can use it with other PictBridge-compliant printers in addition to Canon-brand printers.

*2 You can also use card photo printers such as the CP-10/CP-100/CP-200/CP-300.
3. Confirm that 1, 2 or 3 is displayed in the upper left of the LCD monitor (1).
   • The button will light blue.
   • The displayed icon will vary according to the printer model.

4. Use the or button to select an image to print (2) and press the wireless controller’s or the camera’s button (3).
   • The camera’s button will blink blue and printing will start.
The following methods can be used to download images recorded by the camera to a computer. Some methods, depending on the OS used, may not be available. Please read System Requirements (p. 17) in advance.

### Camera to Computer Connection

<table>
<thead>
<tr>
<th>Supplied Software</th>
<th>Install It</th>
<th>Do Not Install It</th>
</tr>
</thead>
<tbody>
<tr>
<td>Downloading Method</td>
<td>Computer Procedure</td>
<td>Camera Procedure</td>
</tr>
<tr>
<td>OS Windows 98 Second Edition (SE)</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Windows 2000</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Windows Me</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Windows XP</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Mac OS X</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

#### Computer System Requirements
- Basic Guide (p. 17)
- Software Starter Guide

#### Connecting the Camera to a Computer
- Basic Guide (p. 19)
- Software Starter Guide*

#### Downloading Images to a Computer
- Basic Guide (pp. 20–21)
- Software Starter Guide*

* Please also see the Windows XP and Mac OS X Users leaflet.

### Using a Memory Card Reader

A memory card reader can be used with all the operating systems listed above. See the Software Starter Guide for details.
**System Requirements**

Please install the software on a computer meeting the following minimum requirements.

### Windows

| OS                          | Windows 98 Second Edition (SE)  
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Windows Me</td>
</tr>
<tr>
<td></td>
<td>Windows 2000 Service Pack 4</td>
</tr>
<tr>
<td></td>
<td>Windows XP (including Service Pack 1 and Service Pack 2)</td>
</tr>
<tr>
<td>Computer Model</td>
<td>The above OS should be pre-installed on computers with built-in USB ports.</td>
</tr>
<tr>
<td>CPU</td>
<td>Pentium 500 MHz or higher processor</td>
</tr>
<tr>
<td>RAM</td>
<td>Windows 98 SE/Windows Me 128 MB or more</td>
</tr>
<tr>
<td></td>
<td>Windows 2000/Windows XP 256 MB or more</td>
</tr>
<tr>
<td>Interface</td>
<td>USB</td>
</tr>
<tr>
<td>Free Hard Disk Space</td>
<td>Canon Utilities</td>
</tr>
<tr>
<td></td>
<td>- ZoomBrowser EX 250 MB or more</td>
</tr>
<tr>
<td></td>
<td>- PhotoRecord printing program</td>
</tr>
<tr>
<td></td>
<td>- PhotoStitch 40 MB or more</td>
</tr>
<tr>
<td></td>
<td>- Canon Camera TWAIN Driver 25 MB or more</td>
</tr>
<tr>
<td></td>
<td>- Canon Camera WIA Driver</td>
</tr>
<tr>
<td></td>
<td>- ArcSoft PhotoStudio 50 MB or more</td>
</tr>
<tr>
<td>Display</td>
<td>1,024 x 768 pixels, High Color (16 bit) or better</td>
</tr>
</tbody>
</table>

### Macintosh

<table>
<thead>
<tr>
<th>OS</th>
<th>Mac OS X (v10.2-v10.3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Model</td>
<td>The above OS should be pre-installed on computers with built-in USB ports</td>
</tr>
<tr>
<td>CPU</td>
<td>PowerPC G3/G4/G5</td>
</tr>
<tr>
<td>RAM</td>
<td>256 MB or more</td>
</tr>
<tr>
<td>Interface</td>
<td>USB</td>
</tr>
<tr>
<td>Free Hard Disk Space</td>
<td>Canon Utilities</td>
</tr>
<tr>
<td></td>
<td>- ImageBrowser 200 MB or more</td>
</tr>
<tr>
<td></td>
<td>- PhotoStitch 40 MB or more</td>
</tr>
<tr>
<td></td>
<td>- ArcSoft PhotoStudio 50 MB or more</td>
</tr>
<tr>
<td>Display</td>
<td>1,024 x 768 pixels, 32,000 Colors or better</td>
</tr>
</tbody>
</table>
Preparing to Download Images

Ensure that you install the software first before connecting the camera to the computer.

Items to Prepare
• Camera and computer
• Camera station (wireless controller)
• Canon Digital Camera Solution Disk supplied with the camera
• Interface cable supplied with the camera

1. Install the software.
   1. Place the Canon Digital Camera Solution Disk in the computer’s CD-ROM drive.
   2. Click the Digital Camera Software [Install] button and click [NEXT].
   3. Select [Easy Installation] as the setup type and click [Next].
   4. When the installation is complete, select [Yes, I want to restart my computer now] and click [Finish].
   5. Remove the Canon Digital Camera Solution Disk from the CD-ROM drive after restarting.
2. Connecting the camera to a computer.

1. Connect the supplied interface cable to the computer's USB port and to the DIGITAL terminal on the camera station.

2. Slide the camera's mode switch to \textit{(playback)}, place it securely in the camera station and turn on its power.

The camera and computer will be able to communicate.

- Always grasp the sides of the connector when disconnecting the interface cable from the camera station's DIGITAL terminal.

\textbf{Windows} If the Digital Signature Not Found window appears, click \textit{[Yes]}. The USB driver will automatically finish installing onto the computer when you attach the camera and open a connection.
Download Images to a Computer

A window allowing you to set the preferences will appear when a connection is established between the camera and computer.

1. Select [Canon CameraWindow] and click [OK] (first time only).

   ![Image of window]

   If the window to the right does not appear, click the [Start] menu and select [All Programs] or [Programs], followed by [Canon Utilities], [CameraWindow] and [CameraWindow].

2. Download the images.
   - Download the images using the camera or the computer.
   - By default, the downloaded images are saved into the [My Pictures] folder.

   ![Image of thumbnails]

   Thumbnails (small versions) of the downloaded images will display in the ZoomBrowser EX Main Window. By default, the downloaded images are saved into subfolders according to their shooting dates.
Downloading Images to a Computer

The following window will appear when you establish a connection between the camera and computer. If it fails to appear, click the [Canon CameraWindow] icon on the Dock (the bar which appears at the bottom of the desktop).

1. Download the images.

Download Images Using the Camera (p. 22).
Download Images Using a Computer.
By default, all images that have yet to be downloaded will download.
You can set the type of image to download and the destination folder.

Thumbnails (small versions) of the downloaded images will display in the ImageBrowser Browser Window. By default, the downloaded images are saved into folders according to their shooting dates.
## Downloading Images Using the Camera (Direct Transfer)

Use this method to download images using camera operations. Install the supplied software and adjust the computer settings before using this method for the first time (p. 18).

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>All Images</strong></td>
<td>Transfers and saves all images to the computer.</td>
</tr>
<tr>
<td><strong>New Images</strong></td>
<td>Transfers and saves to the computer only the images that have not been previously transferred.</td>
</tr>
<tr>
<td><strong>DPOF Trans. Images</strong></td>
<td>Transfers and saves to the computer only the images with DPOF Transfer Order settings.</td>
</tr>
<tr>
<td><strong>Select &amp; Transfer</strong></td>
<td>Transfers and saves single images to the computer as you view and select them.</td>
</tr>
<tr>
<td><strong>Wallpaper</strong></td>
<td>Transfers and saves single images to the computer as you view and select them. The transferred images display on the computer desktop.</td>
</tr>
</tbody>
</table>

Images can be downloaded using the wireless controller (p. 24) or the camera’s buttons.

1. **Confirm that the Direct Transfer menu is displayed on the camera’s LCD monitor.**
   - The button will light blue.
   - Press the MENU button if the Direct Transfer menu fails to appear.

2. **All Images/New Images/DPOF Trans. Images**
   - Select **All Images**, **New Images**, or **DPOF Trans. Images** and press the button.
     - The images will download. The button will blink blue while downloading is in progress. The display will return to the Direct Transfer menu when the download is complete.
     - To cancel the download, press the FUNC./SET button.
Select & Transfer/Wallpaper

2. Select or and press the button (or the FUNC./SET button).

3. Select images to download and press the button (or the FUNC./SET button).
   - The images will download. The button will blink blue while downloading is in progress.
   - Images can also be selected during index playback (Advanced Guide (p. 70)).
   - Press the MENU button to return to the Direct Transfer menu.

Only JPEG images can be downloaded as wallpaper for a computer. On the Windows platform, the files are automatically created as BMP images.

The option selected with the button is retained even when the camera’s power is turned off. The previous setting will be in effect the next time the Direct Transfer menu is displayed. The image selection screen will appear directly when the [Select & Transfer] or the [Wallpaper] option was last selected.
Installing the Battery

Insert the lithium coin battery (CR2025) into the wireless controller before use.

1. Slip a fingernail into (①) and press in the direction of the arrow while slipping another fingernail into (②) and removing the battery holder.

2. Place the battery in the holder with the "+" side up (③) and replace the holder.

Operating the Wireless Controller

Other than the operations listed above, all of the buttons perform the same functions as the corresponding buttons on the camera. However, functions requiring the user to press two buttons at the same time can only be performed with the camera.

For battery removal instructions and handling precautions, see the Advanced Guide (p. 16).
Safety Precautions

Be sure to read, understand and follow the safety precautions below when using the camera, in order to prevent injury, burns or electrical shock to yourself and others.

Be sure to also read the safety precautions listed in the Advanced Camera User Guide.

<table>
<thead>
<tr>
<th>Warnings</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Do not trigger the flash in close proximity to human or animal eyes.</td>
</tr>
<tr>
<td>• Store this equipment out of the reach of children and infants.</td>
</tr>
<tr>
<td>• Avoid dropping or subjecting the camera to severe impacts. Do not touch the flash portion of the camera if it has been damaged.</td>
</tr>
<tr>
<td>• Stop operating the equipment immediately if it emits smoke or noxious fumes.</td>
</tr>
<tr>
<td>• Do not handle the power cord if your hands are wet.</td>
</tr>
<tr>
<td>• Use only recommended batteries and accessories.</td>
</tr>
<tr>
<td>• The battery charger and compact power adapter are designed for exclusive use with your camera. Do not use it with other products or batteries.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Do not sit with the camera in a back pocket as it may cause the camera to malfunction or damage the LCD monitor.</td>
</tr>
</tbody>
</table>