

## Canon G10

# Canon PowerShot G10 Digital Camera User Manual

Model: G10

## INTRODUCTION

This manual provides essential information for the safe and effective use of your Canon PowerShot G10 Digital Camera. Please read this manual thoroughly before using the camera and keep it for future reference.

The Canon PowerShot G10 is a 14.7-megapixel digital camera featuring a 5x optical zoom lens with Optical Image Stabilizer, a 28mm wide-angle capability, and the DIGIC 4 Image Processor for enhanced performance. It supports RAW image capture and includes a 3.0-inch PureColor LCD II for clear viewing.

## SETUP

### 1. Unpacking and Included Accessories

Verify that all the following items are included with your camera:

- Canon PowerShot G10 Digital Camera
- Battery
- Battery Charger
- Neck Strap
- SD Card
- Tripod (if included in specific package)

### 2. Charging and Installing the Battery

1. Insert the battery into the battery charger. Ensure correct orientation.
2. Plug the charger into a power outlet. The charging indicator light will show the charging status.
3. Once fully charged, remove the battery from the charger.
4. Open the battery compartment cover on the camera.
5. Insert the charged battery into the camera, ensuring it clicks into place. Close the cover securely.

### 3. Inserting a Memory Card

The PowerShot G10 uses SD/SDHC memory cards.

1. Open the memory card slot cover.
2. Insert the SD/SDHC card with the label facing the front of the camera until it clicks.
3. Close the memory card slot cover.

#### 4. Attaching the Neck Strap

Thread the neck strap through the strap mounts on the camera body as illustrated in the user guide. Ensure it is securely fastened to prevent accidental drops.

## OPERATING THE CAMERA

### 1. Camera Controls Overview

Familiarize yourself with the main controls of your PowerShot G10.



**Image:** Top view of the Canon PowerShot G10 camera. This image highlights the mode dial, shutter button, and exposure compensation dial, which are crucial for adjusting shooting settings.



**Image:** Rear view of the Canon PowerShot G10 camera. This view displays the 3.0-inch PureColor LCD II screen, the multi-function controller, and various control buttons such as DISP, MENU, and the MF/FUNC.SET dial.

- **Power Button:** Located on the top panel, used to turn the camera on or off.
- **Mode Dial:** Selects shooting modes (Auto, Program, Shutter-priority, Aperture-priority, Manual, Custom, Scene modes, Movie).
- **Shutter Button:** Press halfway to focus, fully to take a picture.
- **Zoom Lever:** Controls the 5x optical zoom.
- **LCD Screen:** 3.0-inch PureColor LCD II for viewing images, menus, and live view.
- **Multi-function Controller:** Used for navigation and setting adjustments (e.g., MF, FUNC.SET, DISP, MENU).

## 2. Taking Photographs

1. **Turn On the Camera:** Press the power button.
2. **Select a Shooting Mode:** Rotate the mode dial to your desired setting (e.g., **Auto** for simple point-and-shoot, **P** for Program AE, **Av** for Aperture-priority, **Tv** for Shutter-priority, **M** for Manual).
3. **Frame Your Shot:** Use the LCD screen or optical viewfinder to compose your image. Adjust the zoom lever as needed.
4. **Focus:** Press the shutter button halfway down. The camera will automatically focus (AiAF TTL Contrast Detection). A green frame indicates focus lock.
5. **Capture:** Press the shutter button fully to take the picture.

**Image Stabilization:** The camera features both Digital and Optical Image Stabilization to reduce blur from camera shake.

**RAW Image Capture:** For advanced users, the G10 supports RAW file format, providing greater flexibility for post-processing.

## 3. Recording Videos

To record video, set the mode dial to the movie mode icon. Press the shutter button to start and stop recording. Videos are recorded in MP4 format at 480p resolution.

## 4. Reviewing Images and Videos

Press the Playback button (usually indicated by a triangle icon) to enter playback mode. Use the multi-function controller to navigate through your captured photos and videos.



**Image:** Rear view of the Canon PowerShot G10 camera with the LCD screen active, showing a captured image. This demonstrates the camera in playback or live view mode.

## 5. Connecting to a Computer

Connect the camera to your computer using a USB cable (not always included, but compatible with standard USB). The camera will appear as a removable drive, allowing you to transfer photos and videos.

## MAINTENANCE

### 1. Cleaning the Camera

- **Camera Body:** Use a soft, dry cloth to wipe the camera body. For stubborn dirt, slightly dampen the cloth with water.
- **Lens:** Use a lens brush to remove dust, then gently wipe with a lens cleaning cloth and lens cleaning solution. Avoid touching the lens surface with your fingers.
- **LCD Screen:** Use a soft, dry cloth specifically designed for LCD screens.

### 2. Battery Care

- Always use the specified battery and charger.
- Do not expose batteries to excessive heat or direct sunlight.

- If the camera will not be used for an extended period, remove the battery.

### 3. Memory Card Handling

- Always format new memory cards in the camera before first use.
- Do not remove the memory card while the camera is writing or reading data.
- Store memory cards in a protective case when not in use.

### 4. Storage

Store the camera in a cool, dry, well-ventilated area, away from direct sunlight, high temperatures, and humidity. Consider using a camera bag for protection during transport.



**Image:** The Canon PowerShot G10 camera shown alongside a protective camera case. This illustrates proper storage and transport for the device.

## TROUBLESHOOTING

If you encounter issues with your camera, refer to the following common problems and solutions.

| Problem                  | Possible Cause / Solution  |
|--------------------------|--|
| Camera does not turn on. | <ul style="list-style-type: none"><li>• Battery is not charged. Charge the battery fully.</li><li>• Battery is inserted incorrectly. Reinsert the battery with correct orientation.</li><li>• Battery contacts are dirty. Clean contacts with a dry cloth.</li></ul> |

| Problem                    | Possible Cause / Solution  |
|----------------------------|--|
| Images are blurry.         | <ul style="list-style-type: none"> <li>• Camera shake. Hold the camera steady or use a tripod.</li> <li>• Subject is out of focus. Ensure the camera focuses correctly before pressing the shutter fully.</li> <li>• Lens is dirty. Clean the lens.</li> </ul>               |
| Memory card error message. | <ul style="list-style-type: none"> <li>• Memory card is full. Delete unnecessary images or use a new card.</li> <li>• Memory card is corrupted. Format the card (this will erase all data).</li> <li>• Memory card is incompatible. Ensure it is an SD/SDHC card.</li> </ul> |
| Flash does not fire.       | <ul style="list-style-type: none"> <li>• Flash mode is set to "Off". Change the flash mode setting.</li> <li>• Subject is too far away. The flash has a limited range.</li> </ul>  |

## SPECIFICATIONS

| Feature             | Detail   |
|---------------------|--|
| Model Name          | PowerShot G10  |
| Image Sensor        | 14.7 Megapixel, 1/1.7-inch CCD                               |
| Lens                | 5x Optical Zoom, 28-140mm (35mm equivalent), 28mm Wide-Angle |
| Image Stabilization | Optical and Digital  |
| Image Processor     | DIGIC 4  |
| LCD Screen          | 3.0-inch PureColor LCD II, 461,000 pixels                    |
| ISO Sensitivity     | Auto, 80, 100, 200, 400, 800, 1600                           |
| Shutter Speed       | 15 - 1/4000 seconds  |
| File Formats        | JPEG (Fine), RAW   |
| Video Recording     | 480p, MP4 format   |
| Storage Media       | SD/SDHC Memory Card (up to 32 GB supported)                  |
| Connectivity        | USB  |
| Weight (Approx.)    | 13.76 ounces (excluding battery and memory card)             |
| Power Source        | Rechargeable Lithium-ion Battery                             |

## WARRANTY INFORMATION

This Canon PowerShot G10 camera comes with a **90-day limited warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty documentation provided with your product or contact

Canon customer support.

## CUSTOMER SUPPORT

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For further assistance, technical support, or service inquiries, please visit the official Canon support website or contact their customer service department. Have your camera model number (G10) and serial number ready when contacting support.

**Online Resources:** For the most up-to-date information, drivers, and software, please visit the official Canon website.

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