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Canon G10

Canon PowerShot G10 Digital Camera User Manual

Model: G10 | Brand: Canon

INTRODUCTION

This manual provides detailed instructions for operating the Canon PowerShot G10 digital camera. Designed for photographers transitioning from basic compacts, the PowerShot G10 offers advanced features and versatility. This guide will help you understand and utilize every function to its fullest potential.



Image: The Canon PowerShot G10 camera, as featured on the cover of the Magic Lantern Guide. This image illustrates the compact design and key features of the camera.

SAFETY INFORMATION

Always read and follow these safety precautions to prevent injury or damage to your camera.

- Do not expose the camera to water or moisture.
- Avoid direct sunlight or high temperatures.
- Use only Canon-approved accessories and power sources.
- Keep out of reach of small children.

SETUP

1. Unpacking and Initial Inspection

Carefully remove all items from the packaging. Verify that all components are present:

- Canon PowerShot G10 Camera Body
- Battery Pack (NB-7L)
- Battery Charger (CB-2LY)
- Power Cord
- Interface Cable
- AV Cable
- Neck Strap
- Digital Camera Solution CD-ROM
- User Manual (this document)

2. Charging the Battery

1. Insert the battery pack into the battery charger.
2. Plug the charger into a power outlet. The charge lamp will illuminate orange.
3. When charging is complete (approx. 120 minutes), the charge lamp will turn green.
4. Remove the battery from the charger.

3. Inserting the Battery and Memory Card

Open the battery/card slot cover on the bottom of the camera.

- Insert the charged battery pack until it clicks into place.
- Insert an SD/SDHC memory card with the label facing the back of the camera until it clicks.
- Close the cover securely.

4. Initial Settings

Turn on the camera using the power button. Follow the on-screen prompts to set the date, time, and language.

OPERATING THE CAMERA

Basic Photography Modes

The PowerShot G10 offers various shooting modes accessible via the mode dial.

Mode	Description
Auto	Camera automatically sets optimal settings for the scene.
Program AE (P)	Camera sets aperture and shutter speed, but you can adjust other settings.
Shutter-priority AE (Tv)	You set the shutter speed, camera sets aperture. Ideal for controlling motion blur.
Aperture-priority AE (Av)	You set the aperture, camera sets shutter speed. Ideal for controlling depth of field.
Manual (M)	You control both aperture and shutter speed.
Custom (C1, C2)	Save and recall your preferred shooting settings.

Taking a Picture

1. Turn the mode dial to your desired shooting mode.
2. Frame your shot using the LCD monitor or optical viewfinder.
3. Press the shutter button halfway down to focus. The focus frame will turn green when focus is achieved.
4. Press the shutter button all the way down to take the picture.

Reviewing Images

Press the **Playback** button to view your captured images. Use the directional pad to navigate through photos. Press the **DISP.** button to change the information displayed.

MAINTENANCE

Cleaning the Camera

- **Camera Body:** Wipe with a soft, dry cloth. For stubborn dirt, use a cloth lightly dampened with water.
- **Lens:** Use a lens brush to remove dust, then gently wipe with a lens cleaning cloth. Do not use solvents.
- **LCD Monitor:** Use a soft, dry cloth. Avoid pressing hard on the screen.

Battery Care

- Store batteries in a cool, dry place when not in use.
- Do not fully discharge batteries before recharging to prolong their life.
- If not using the camera for an extended period, remove the battery.

Storage

When storing the camera for long periods, remove the battery and memory card. Store the camera in a dry, well-ventilated area, preferably in a camera bag to protect it from dust and impacts.

TROUBLESHOOTING

Problem	Possible Cause / Solution
Camera does not turn on.	Battery is not charged or not inserted correctly. Re-charge battery and re-insert.
Cannot take pictures.	Memory card is full or not inserted. Insert a new card or delete some images.
Images are blurry.	Camera shake or out of focus. Use a faster shutter speed, tripod, or ensure proper focus.
Flash does not fire.	Flash mode is set to OFF or battery is low. Adjust flash settings or charge battery.

SPECIFICATIONS

- **Model:** Canon PowerShot G10
- **Image Sensor:** 14.7 Megapixel 1/1.7-inch CCD
- **Lens:** 5x Optical Zoom (6.1 - 30.5mm, f/2.8 - f/4.5)
- **Image Processor:** DIGIC 4
- **LCD Monitor:** 3.0-inch PureColor LCD II (461,000 dots)
- **ISO Sensitivity:** Auto, 80, 100, 200, 400, 800, 1600
- **Shutter Speed:** 15 - 1/4000 sec.
- **Storage Media:** SD, SDHC, MMC, MMCplus, HC MMCplus
- **Power Source:** Lithium-ion Battery Pack NB-7L
- **Dimensions (WxHxD):** Approx. 108.7 x 78.2 x 45.9 mm (4.28 x 3.08 x 1.81 in.)
- **Weight:** Approx. 350g (12.3 oz.) (body only)

WARRANTY AND SUPPORT

Canon products typically come with a limited manufacturer's warranty. Please refer to the warranty card included with your camera for specific terms and conditions.

For technical support, service, or additional information, please visit the official Canon support website or contact their customer service. Keep your purchase receipt and camera serial number handy when seeking support.

Note: This manual is based on information available for the Canon PowerShot G10 and general camera operation principles. For the most detailed and specific instructions, always refer to the official Canon user manual provided with your camera.