Panasonic

Operating Instructions <Quick Start Guide>

Digital Camera

Model No. DC-G9M2



LUMIX

Please read these instructions carefully before using this product, and save this manual for future use.

Operating Instructions < Complete Guide>



Refer to "Operating Instructions < Complete Guide>" (HTML format/PDF format) for details about how to use the camera and notes on use

https://panasonic.jp/support/dsc/oi/G9M2/index.html

Manufactured by: Panasonic Entertainment & Communication Co., Ltd.

1-10-12, Yagumo-higashi-machi, Moriguchi City, Osaka, Japan

Panasonic UK, a branch of Panasonic Marketing Europe GmbH Maxis 2, Western Road, Bracknell, Berkshire, RG12 1RT

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Authorized Representative in EU:

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Winsbergring 15, 22525 Hamburg, Germany

Panasonic Entertainment & Communication Co., Ltd. Web Site: http://www.panasonic.com

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DVQX2403ZA F0823KN0

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Dear Customer.

Ε

We would like to take this opportunity to thank you for purchasing this Panasonic Digital Camera. Please read this document carefully and keep it handy for future reference. Please note that the actual controls and components, menu items, etc. of your Digital Camera may look somewhat different from those shown in the illustrations in this document.

Information for Your Safety

WARNING:

To reduce the risk of fire, electric shock or product damage,

- Do not expose this unit to rain, moisture, dripping or splashing.
- Use the recommended accessories
- Do not remove covers.
- Do not repair this unit by yourself. Refer servicing to qualified service personnel.

The socket outlet shall be installed near the equipment and shall be easily

■ Product identification marking

| Product | Location |
|----------------|----------|
| Digital camera | Bottom |

Declaration of Conformity (DoC) for EU:

Hereby, "Panasonic Entertainment & Communication Co., Ltd." declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/

Customers can download a copy of the original DoC for our RE products from our DoC server:

https://www.ptc.panasonic.eu/compliance-documents

Importer for EU: Panasonic Marketing Europe GmbH

Hagenauer Strasse 43, 65203 Wiesbaden, Germany

Authorized Representative in EU: Panasonic Marketing Europe GmbH

Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germany 5.15 - 5.35 GHz band is restricted to indoor operations only in the following countries.

AT BE BG CZ DK EE FR DE IS IE IT EL ES CY LV LI LT LU HU MT NL NO PL PT RO SI SK TR FI SE CH HR UK(NI) RS

Declaration of Conformity (DoC) for UK:

Hereby, "Panasonic Entertainment & Communication Co., Ltd." declares that this product is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017

Customers can download a copy of the original DoC for our RE products from our DoC server: https://www.ptc.panasonic.eu/compliance-documents

Importer for UK: Panasonic UK, a branch of Panasonic Marketing Europe GmbH Maxis 2, Western Road, Bracknell, Berkshire, RG12 1RT

5.15 - 5.35 GHz band is restricted to indoor operations only in the UK.

Maximum power and operating frequency bands of transmitter

| Type of wireless | Frequency band | Maximum power |
|------------------|---------------------|----------------|
| | (central frequency) | (dBm e.i.r.p.) |
| | 2412-2472 MHz | 13 dBm |
| WLAN | 5180-5320 MHz | 13 dBm |
| | 5500-5700 MHz | 13 dBm |
| | 5745-5825 MHz | 13 dBm |
| Bluetooth | 2402-2480 MHz | 10 dBm |

■ About the battery pack

CAUTION

- Danger of explosion if battery is incorrectly replaced. Replace only with the type recommended by the manufacturer
- When disposing of the batteries, please contact your local authorities or dealer and ask for the correct method of disposal.
- Do not heat or expose to flame
- Do not leave the battery(ies) in a car exposed to direct sunlight for a long period of time with doors and windows closed.
- · Do not expose to low air pressure at high altitudes.
- Do not expose to extremely low air pressure, as this may result in explosions or leakage of flammable liquids and gases.

Warning

Risk of fire, explosion and burns. Do not disassemble, heat above 60 °C or incinerate

■ About the AC adaptor (supplied)

CAUTION!

To reduce the risk of fire, electric shock or product damage.

- Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure this unit is well ventilated
- The AC adaptor is in the standby condition when the mains plug is connected. The primary circuit is always "live" as long as the mains plug is connected to an electrical outlet.
- Do not use any other USB connection cables except the one supplied with the camera or the Battery Charger (DMW-BTC15: optional).
- Always use a genuine Panasonic Shutter Remote Control (DMW-RS2: optional).
- Always use a genuine Panasonic Tripod Grip (DMW-SHGR1: optional).
- Use a Premium High Speed HDMI cable (Type A-Type A plug, up to 1.5 m (4.9 feet) long).
- Do not use the headphone cables with the length of 3 m (9.8 feet) or more.
- Do not use the stereo microphone cables with the length of 3 m (9.8 feet) or more.
- Keep the hot shoe cover out of reach of children to prevent swallowing.
- Keep the cover for the battery grip connector out of reach of children to prevent swallowing.
- Keep the memory card out of reach of children to prevent swallowing. Excessive sound pressure from earphones and headphones can cause hearing loss.
- When using an AC adaptor, ensure that the Panasonic DC Coupler (DMW-DCC17: optional) and AC Adaptor (DMW-AC10E; optional) are used.
- Always use a genuine Panasonic AC Adaptor (DMW-AC10E: optional).

Standard Accessories

Product numbers correct as of September 2023.

Digital camera body

Body cap*1 **Battery pack** DMW-BLK22 VKF4971 AC adaptor Hot shoe cover* VSK0815K/VSK0815I 4HR1MC5229Z USB connection cable Cover for the battery grip connector* K1HY24YY0026 SKF0145K

Shoulder strap DVPW1030Z

Interchangeable lens "LEICA DG VARIO-ELMARIT 12-60mm/F2.8-4.0 ASPH./POWER O.I.S."*2

H-ES12060

SYF0083

DVZE1047Z

Lens hood Lens rear cap*3 1ZE4Z260Z 1GE1Z136Z Lens can*

Interchangeable lens "LUMIX G VARIO 12-60mm/F3.5-5.6 ASPH./POWER O.I.S."*4 H-FS12060

Lens hood Lens rear cap*3 SYADDES 1GF1Z136Z Lens cap*3

- *1 This is attached to the camera at the time of purchase
- *2 This is supplied with Lens Kit DC-G9M2L.
- *3 This is attached to the lens at the time of purchase
- *4 This is supplied with Lens Kit DC-G9M2M
- Consult the dealer or Panasonic if you lose the supplied accessories. (You can purchase the accessories separately.)

For the United Kingdom and Ireland customers

Sales and Support Information

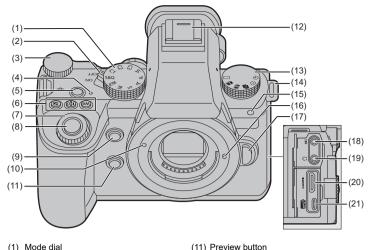
Customer Communications Centre

- For customers within the UK: 0344 844 3899
- For customers within Ireland: 01 289 8333
- Monday-Friday 9:00 am-5:00 pm (Excluding public holidays).
- For further support on your product, please visit our website: www.panasonic.co.uk Direct Sales at Panasonic UK

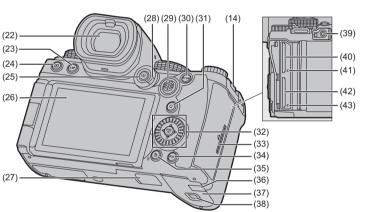
• Order accessory and consumable items for your product with ease and confidence by

- phoning our Customer Communications Centre Monday Friday 9:00 am 5:00 pm (Excluding public holidays).
- Or go on line through our Internet Accessory ordering application at www.pas-europe.com.
- . Most major credit and debit cards accepted
- All enquiries transactions and distribution facilities are provided directly by Panasonic UK.
- It couldn't be simpler!
- · Also available through our Internet is direct shopping for a wide range of finished products. Take a browse on our website for further details.

Names of Important Parts



- (1) Mode dial
- (2) Camera on/off switch
- (3) Rear dia
- (4) Charging light/Network connection light (5) Video rec. button
- (6) [WB] (White balance) button
- [ISO] (ISO sensitivity) button
- [] (Exposure compensation) button (7) Front dial
- (8) Shutter button
- (9) AF-Point Scope button
- (10) Lens fitting mark



- (22) Viewfinder
- (23) [LVF] button
- (24) [[Playback) button (25) [] (AF mode) button
- (26) Monitor/Touch screen
- (27) Battery grip connector (cover for the
- battery grip connector) (28) Focus mode lever
- (29) Joystick (30) [AF ON] button
- (31) [Q] (Quick menu) button
 - (32) Control dial (() Cursor buttons (▲▼◀►)

[MENU/SET] button ()

- (33) Card door
- (34) [DISP.] button
- (35) [**5**] (Cancel) button/ [m] (Delete) button

(12) Hot shoe (hot shoe cover)

(15) Self-timer light/AF assist light

(13) Drive mode dial

(16) Lens lock pin

(18) [MIC] socket

(20) HDMI socket

(21) USB port

(14) Shoulder strap evelet

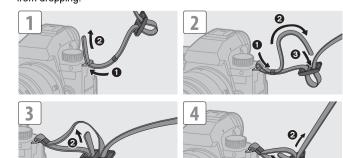
(17) Lens release button

(19) Headphone socket

- (36) DC coupler cover
- (37) Battery door
- (38) Battery door release level
- (39) [REMOTE] socket (40) Card slot 1
- (41) Card access light 1
- (42) Card slot 2 (43) Card access light 2

Attaching a Shoulder Strap

Attach a shoulder strap to the camera with the following procedure to prevent it from dropping.



Charging the Battery

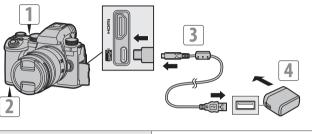
- Set the camera on/off switch to [OFF].
- 2 Insert the battery into the camera.



Connect the camera USB port and the AC adaptor using the USB connection cable.

Connect the AC adaptor to an electrical outlet.

• The charging light turns red and charging begins. The charging light turns off when charging is complete



· Using the camera body and the supplied AC adaptor

• The battery that can be used with the camera is DMW-BLK22. (As of September 2023) • Always use genuine Panasonic batteries (DMW-BLK22).

- If you use other batteries, we cannot quarantee the quality of this product. • For charging, use this camera or the Battery Charger (DMW-BTC15: optional) and
- the items supplied with them. • Do not use any other AC adaptors except the one supplied with the camera or the
- Battery Charger (DMW-BTC15: optional). • Even when the camera on/off switch is set to [OFF] thus turning the camera off, it

consumes power When the camera will not be used for a long time, remove the power plug from the electrical outlet in order to save power

Inserting Cards (Optional)

You can use SD memory cards with this camera.

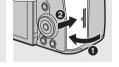
(English only)

• For information on memory cards with confirmed operation, check the

following support site https://panasonic.jp/support/global/cs/dsc/connect/index.html

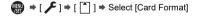






• Match the orientation of the cards as shown in the figure and then insert them firmly until • To remove a card, confirm that the corresponding card access light has turned off, push the

card until it clicks, then pull the card out straight. · Format the cards with the camera before use

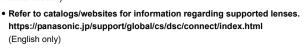




Attaching a Lens

The camera can use the dedicated lenses that comply with the Micro Four Thirds™ system lens mount specification (Micro Four Thirds mount).

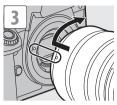






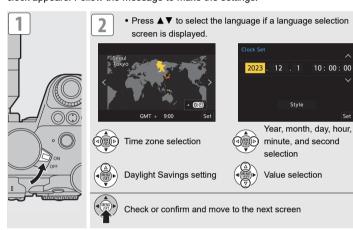






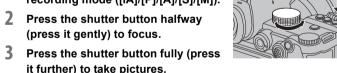
Setting the Clock (When Turning On for the First Time)

When you turn the camera on for the first time, a screen to set the time zone and clock appears. Follow the message to make the settings.



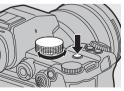
Taking Pictures

- Rotate the mode dial to select the recording mode ([iA]/[P]/[A]/[S]/[M]).
- 2 Press the shutter button halfway
- it further) to take pictures.

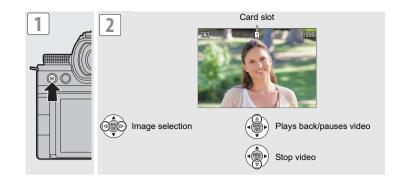


Recording Videos

- 1 Rotate the mode dial to select the recording mode.
- 2 Press the video rec. button to start recording.
- 3 Press the video rec. button again to end recording.



Playing Back Images



Cautions for Use

Firmware of Your Camera/Lens

Firmware updates may be provided in order to improve camera capabilities or to add functionality.

• For the latest information on the firmware or to download/update the firmware, visit the following support site:

https://panasonic.jp/support/global/cs/dsc/download/index.htm (English only)



Splash Resistant

Splash Resistant is a term used to describe an extra level of protection this camera offers against exposure to a minimal amount of moisture, water or dust. Splash Resistant does not guarantee that damage will not occur if this camera is subjected to direct contact with water

In order to minimize the possibility of damage please be sure the following precautions are taken:

- Splash Resistant works in conjunction with the lenses that were specifically designed to support this feature.
- Securely close the doors, contact points cover, etc.
- When the lens or cap is removed or a door is open, do not allow sand, dust, and moisture
- If liquid gets on the camera, wipe it off with a dry soft cloth.

❖ Be Sure to Perform Trial Recording in Advance

Be sure to perform trial recording in advance to check that recording can be performed

Please note that compensation cannot be provided in the event that recording could not be performed due to a problem with the camera or a card.

♦ Be Careful with Regard to Copyrights

Under copyright law, you may not use the images and audio you have recorded without the permission of the copyright holder.

❖ Caution with Strong Light Beams Such as Laser Light

Do not allow strong light beams, such as laser light, to be directly exposed to this camera (lens). These can destroy the image sensor and cause the camera to malfunction.

The camera

Keep this unit as far away as possible from electromagnetic equipment (such as microwave ovens, TVs, video games etc.).

- If you use this unit on top of or near a TV, the pictures and/or sound on this unit may be disrupted by electromagnetic wave radiation.
- Do not use this unit near cell phones because doing so may result in noise adversely affecting the pictures and/or sound.
- Recorded data may be damaged, or pictures may be distorted, by strong magnetic fields created by speakers or large motors.
- Electromagnetic wave radiation may adversely affect this unit, disturbing the pictures and/or
- If this unit is adversely affected by electromagnetic equipment and stops functioning properly, turn this unit off and remove the battery or disconnect AC adaptor. Then reinsert the battery or reconnect AC adaptor and turn this unit on.

Do not use this unit near radio transmitters or high-voltage lines.

• If you record near radio transmitters or high-voltage lines, the recorded pictures and/or sound may be adversely affected.

♦ Wi-Fi[®] Function

Use of the Wi-Fi function of the camera is presumed to be in countries

There is the risk that the camera violates the radio wave regulations if used in countries other than those where it is sold, and Panasonic takes no responsibility for any violations.

- Please be advised that Panasonic is not liable for any damage directly or indirectly caused by use or malfunction of this product.
- Please be advised that Panasonic is not liable for any damage to data caused by this product.
- The external design and specifications of this product, as described in this document, may differ from the actual product due to improvements made

Main Specifications

The specifications are subject to change for performance enhancement.

Digital camera body (DC-G9M2):

| Power source: | 9.0 V === |
|--------------------|---|
| Power consumption: | 4.6 W (when recording with the monitor), 3.8 W (when playing back with the monitor) [When using the interchangeable lens (H-ES12060)] |
| | 4.5 W (when recording with the monitor), 3.6 W (when playing back with the monitor) [When using the interchangeable lens (H-FS12060)] |

| | back with the monitor) |
|--|---|
| | [When using the interchangeable lens (H-FS12060)] |
| | [the micromangeactorions (if i o izodo)] |
| Туре | |
| Туре | Digital Single Lens Mirrorless camera |
| Lens mount | Micro Four Thirds Mount |
| Recording media | SD memory card / SDHC memory card / SDXC memory card |
| Image sensor | |
| Image sensor | 4/3" Live MOS sensor, a total of 26,520,000 pixels, primary color filter |
| Effective number of pixels of the camera | 25,210,000 pixels |
| Viewfinder | |
| Туре | Aspect ratio 4:3, 0.5 inches, approx. 3,680,000 dots, organic EL (OLED) live view viewfinder |
| Magnification | Approx. 1.6×, Approx. 0.8× (35 mm film camera equivalent), -1.0 m ⁻¹ 50 mm at infinity, with aspect ratio set to [4:3] |
| Monitor | |
| Туре | Aspect ratio 3:2, 3.0 inches, approx. 1,840,000 dots monitor, capacitive touch screen |
| Interface | |
| USB | USB Type-C®, SuperSpeed USB 10Gbps (USB 3.2 Gen 2) Supports USB Power Delivery (9.0 V/3.0 A) Output: DC 5 V, 900 mA |
| HDMI | HDMI Type A |
| [REMOTE] | Ø2.5 mm jack |
| [MIC] | Ø3.5 mm stereo mini jack |
| Headphones | Ø3.5 mm stereo mini jack |
| External dimensions / N | lass (Weight) |
| External dimensions | (5.29" (W)×4.03" (H)×3.55" (D)) |
| Mass (Weight) | (excluding the projecting parts) Approx. 658 g/1.45 lb (camera body, with battery and one card) Approx. 575 g/1.27 lb (only camera body) |
| Operating environment | 1 The second of |
| Recommended | |
| operating temperature | -10 °C to 40 °C (14 °F to 104 °F) |
| Permissible relative humidity | 10 %RH to 80 %RH |
| Wi-Fi | |
| Compliance standard | IEEE 802.11a/b/g/n/ac (standard wireless LAN protocol) |
| Frequency range | 2412 MHz to 2472 MHz (1 to 13ch) |
| used (central | 5180 MHz to 5320 MHz (36/40/44/48/52/56/60/64ch) |
| frequency) | 5500 MHz to 5700 MHz (100/104/108/112/116/120/124/128/132/136/140ch) |
| | 5745 MHz to 5825 MHz (149/153/157/161/165ch) |
| Encryption method | Wi-Fi compliant WPA™ / WPA2™ / WPA3™ |
| Access method | Infrastructure mode |
| Bluetooth® | <u></u> |
| Compliance standard | Bluetooth v5.0, Bluetooth Low Energy (BLE) |
| Frequency range used (central frequency) | 2402 MHz to 2480 MHz |
| . ,, | 1 |

AC adaptor (Panasonic VSK0815K/VSK0815L):

Information for your safety

110 V−240 V ~ 50/60 Hz 0.25 A Innut: 5.0 V=== 1.8 A

Operating temperature: 0 °C to 40 °C (32 °F to 104 °F)

For more information about the energy efficiency of the product, please visit our website, www.panasonic.com, and enter the model number in the search box.

Battery pack (lithium-ion) (Panasonic DMW-BLK22):

7.2 V / 2200 mAh

Information for your safety

Voltage/capacity:

| The symbols on this product (including the accessories) represent the following: |
|--|
| o. AC |

DC Class II equipment (The construction of the product is double-insulated.)

Trademarks and Licenses

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- SDXC Logo is a trademark of SD-3C, LLC. • The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.
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QuickTime

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- QR Code is a registered trademark of DENSO WAVE INCORPORATED.
- LEICA is a registered trademark of Leica Microsystems IR GmbH. ELMARIT is a registered trademark of Leica Camera AG. The LEICA DG lenses are manufactured using measurement instruments and quality assurance systems that have been certified by Leica Camera AG based on the company's quality standards.
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Contact Information: oss-cd-request@gg.jp.panasonic.com

The source code and the copyright notice are also available for free in our website below. https://panasonic.net/cns/oss/index.html

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These symbols indicate separate collection of waste electrical and electronic equipment or waste batteries. More detailed information is contained in "Operating Instructions < Complete Guide>".