

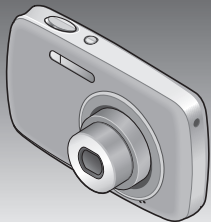
Panasonic[®]

Basic Owner's Manual

Digital Camera

Model No. **DMC-S3**
DMC-S1

LUMIX



Before connecting, operating or adjusting this product, please read the instructions completely.

More detailed instructions on the operation of this camera are contained in "Owner's Manual for advanced features (PDF format)" in the supplied CD-ROM. Install it on your PC to read it.



For USA and Puerto Rico assistance, please call: 1-800-211-PANA(7262) or, contact us via the web at: <http://www.panasonic.com/contactinfo>

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VQT3E21
M1210KZ0

Dear Customer,

Thank you for choosing Panasonic!

You have purchased one of the most sophisticated and reliable products on the market today. Used properly, we're sure it will bring you and your family years of enjoyment. Please take the time to fill in the information below.

The serial number is on the tag located on the underside of your Camera. Be sure to **retain this manual** as your convenient Camera information source. 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 Owner's Manual.

Carefully observe copyright laws.

- Recording of pre-recorded tapes or discs or other published or broadcast material for purposes other than your own private use may infringe copyright laws. Even for the purpose of private use, recording of certain material may be restricted.

Model No. _____ Serial No. _____



A lithium ion battery that is recyclable powers the product you have purchased. Please call 1-800-8-BATTERY for information on how to recycle this battery.

Information for Your Safety

THE SOCKET OUTLET SHALL BE INSTALLED NEAR THE EQUIPMENT AND SHALL BE EASILY ACCESSIBLE.

FCC Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: To assure continued compliance, follow the attached installation instructions and use only shielded interface cables with ferrite core when connecting to computer or peripheral devices.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Declaration of Conformity

Trade Name: Panasonic

Model No.: DMC-S3

DMC-S1

Responsible party: Panasonic Corporation of North America
One Panasonic Way,
Secaucus, NJ 07094

Support Contact: Panasonic Consumer Electronics Company
1-800-211-PANA (7262)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



WARNING:

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PRODUCT DAMAGE,

- DO NOT EXPOSE THIS APPARATUS TO RAIN, MOISTURE, DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.
- USE ONLY THE RECOMMENDED ACCESSORIES.
- DO NOT REMOVE THE COVER (OR BACK); THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

■ Product identification marking

Product	Location
Digital camera	Bottom
Battery charger	Bottom

■ About the battery pack

CAUTION

Battery pack (Lithium ion battery pack)

- Use the specified unit to recharge the battery pack.
- Do not use the battery pack with equipment other than the specified unit.
- Do not get dirt, sand, liquids, or other foreign matter on the terminals.
- Do not touch the plug terminals (+ and -) with metal objects.
- Do not disassemble, remodel, heat or throw into fire.

If any electrolyte should come into contact with your hands or clothes, wash it off thoroughly with water.

If any electrolyte should come into contact with your eyes, never rub the eyes. Rinse eyes thoroughly with water, and then consult a doctor.

CAUTION

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

- Do not heat or expose to flame.
- Do not leave the battery(ies) in an automobile exposed to direct sunlight for a long period of time with doors and windows closed.

Warning

Risk of fire, explosion and burns. Do not disassemble, heat above 60 °C (140 °F) or incinerate.

■ About the battery charger

CAUTION!

DO NOT INSTALL OR PLACE THIS UNIT IN A BOOKCASE, BUILT-IN CABINET OR IN ANOTHER CONFINED SPACE. ENSURE THE UNIT IS WELL VENTILATED. TO PREVENT RISK OF ELECTRIC SHOCK OR FIRE HAZARD DUE TO OVERHEATING, ENSURE THAT CURTAINS AND ANY OTHER MATERIALS DO NOT OBSTRUCT THE VENTILATION VENTS.

Battery charger

This battery charger operates on AC between 110 V and 240 V.

But

- In the U.S.A. and Canada, the battery charger must be connected to a 120 V AC power supply only.
- When connecting to an AC supply outside of the U.S.A. or Canada, use a plug adaptor to suit the AC outlet configuration.

■ Cautions for Use

- Always use a genuine Panasonic AV cable (DMW-AVC1: optional).
- Do not use any other USB connection cables except the supplied one.

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

- If you use the camera on top of or near a TV, the pictures and sound on the camera may be disrupted by electromagnetic wave radiation.
- Do not use the camera near cell phones because doing so may result in noise adversely affecting the pictures and sound.
- Recorded data may be damaged, or pictures may be distorted, by strong magnetic fields created by speakers or large motors.
- Electromagnetic wave radiation generated by microprocessors may adversely affect the camera, disturbing the pictures and sound.
- If the camera is adversely affected by electromagnetic equipment and stops functioning properly, turn the camera off and remove the battery or disconnect AC adaptor (DMW-AC5PP; optional). Then reinsert the battery or reconnect AC adaptor and turn the camera on.

Do not use the camera near radio transmitters or high-voltage lines.

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

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Standard accessories

Check that all the accessories are supplied before using the camera. Part numbers are as of January 2011.

Battery pack*

NCA-YN101G

- Charge the battery before use.

Battery pack is indicated as battery pack or battery in the text.



USB connection cable

K1HY08YY0017



CD-ROM
VFF0736

- Software:
 Use it to install the software on your PC.
- Owner's Manual



Battery charger

DE-A91B



Battery charger is indicated as battery charger or charger in the text.

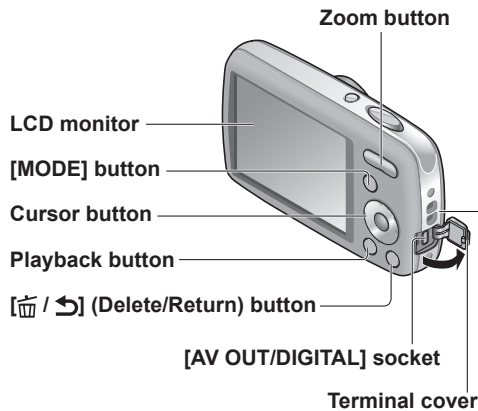
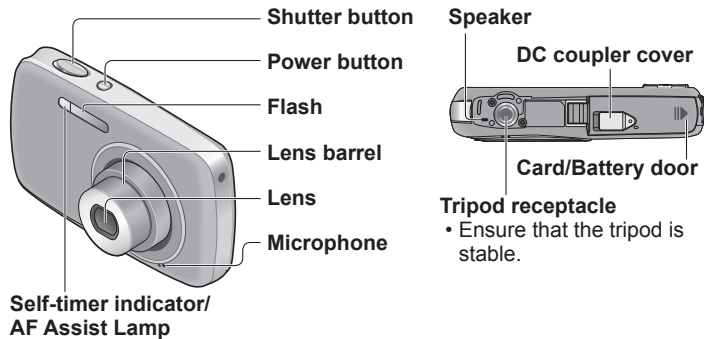
Hand strap

VFC4297



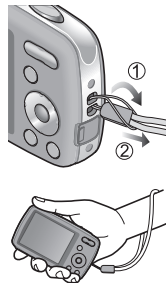
- * When purchasing a spare battery, please purchase an optional battery (DMW-BCK7PP).
- Memory cards and AV cable are optional. You can record or play back pictures on the built-in memory when you are not using a card.
- If any accessories are lost, customers should contact Panasonic's parts department at 1 800 833-9626 for further information about obtaining replacement parts.
- Please dispose of all packaging appropriately.
- Keep small parts in a safe place out of the reach of children.

Names of parts



Hand strap eyelet

We recommend using the supplied hand strap to avoid dropping the camera.



The illustrations and screens in this manual may differ from the actual product. This manual uses the screens from DMC-S3 as examples in its explanations.

Cursor button

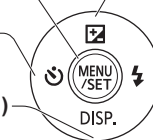
[MENU/SET]
(menu display/set)

Left cursor button (◀)
• Self-timer

Down cursor button (▼)
• Changing information display

Up cursor button (▲)
• Exposure Compensation

Right cursor button (▶)
• Flash



● In this manual, the button that is used is shaded or indicated by ▲▼◀▶.

- Always use a genuine Panasonic AC adaptor (DMW-AC5PP; optional).
- When using an AC adaptor, ensure that the Panasonic DC coupler (DMW-DCC10; optional) and AC adaptor (DMW-AC5PP; optional) are used.
- If the power supply is cut off due to a power cut or the AC adaptor being disconnected, the motion picture being recorded using the AC adaptor will not be recorded.
- Some tripods or unipods, and some methods of holding the camera may block the speaker, making it difficult to hear the beep, etc.

Charging the battery

■ About batteries that you can use with this unit

The batteries that can be used with this unit are NCA-YN101G (supplied) and DMW-BCK7PP (optional).

It has been found that counterfeit battery packs which look very similar to the genuine products are made available to purchase in some markets. Some of these battery packs are not adequately protected with internal protection to meet the requirements of appropriate safety standards. There is a possibility that these battery packs may lead to fire or explosion. Please be advised that we are not liable for any accident or failure occurring as a result of use of a counterfeit battery pack. To ensure that safe products are used we recommend that a genuine Panasonic battery pack is used.

- Use the dedicated charger and battery.
- The battery is not charged when the camera is shipped. Charge the battery and set the clock before use.
- Charge the battery with the charger indoors (10 °C to 30 °C) (50 °F to 86 °F).

1 Insert the battery terminals and attach the battery to the charger

Ensure [LUMIX] faces outwards.



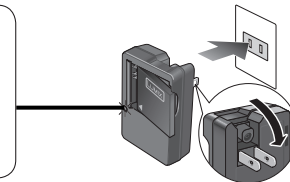
2 Connect the charger to the electrical outlet

Charging light ([CHARGE])

On: Charging in progress
(approx. 115 min. if fully depleted)*1

*1 Charge time is approx. 120 min.
for DMW-BCK7PP (optional)

Off: Charging complete



3 Detach the battery after charging is completed

■ Recording capacity guidelines (pictures/recording time)

	Supplied battery	DMW-BCK7PP (optional)
Capacity	660 mAh	680 mAh
Number of recordable pictures	Approx. 250*2/240*3 pictures	Approx. 255*2/245*3 pictures
Recording time	Approx. 125*2/120*3 min.	Approx. 127*2/122*3 min.
Playback time	Approx. 200 min.	Approx. 205 min.

*2 DMC-S3

*3 DMC-S1

Recording conditions by CIPA standard

- CIPA is an abbreviation of [Camera & Imaging Products Association].
- [Normal Picture] Mode
- Temperature: 23 °C (73.4 °F)/Humidity: 50 %RH when LCD monitor is on.
- Using a Panasonic SD Memory Card (32 MB).
- Using the supplied battery.
- Starting recording 30 seconds after the camera is turned on. (When the Optical Image Stabilizer function is set to [ON].)
- Recording once every 30 seconds with full flash every second recording.
- Perform a zoom operation every recording (W end → T end, or T end → W end)
- Turning the camera off every 10 recordings and leaving it until the temperature of the battery decreases.

The number of recordable pictures or available operating time may vary according to surrounding environment and usage conditions. Figures may be reduced if flash, zoom, or other functions are used frequently, or in colder climates.

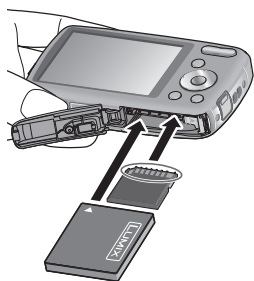
Inserting and removing the card (optional)/the battery

- 1 Turn off the power and slide the card/battery door out (1) before opening the door (2) as illustrated



- 2 Insert the battery and card, making sure that their orientation is correct

- Battery: Insert all the way firmly until a locking sound is heard, and check that the lever is hooked over the battery.
- Card: Insert all the way firmly until it clicks.



- 3 Close the card/battery door and slide the door in until you hear a locking sound

■ To remove

- To remove battery: move lever in direction of arrow.



- To remove card: press down in center.



- Always use genuine Panasonic batteries (NCA-YN101G: supplied or DMW-BCK7PP: optional).
- If you use other batteries, we cannot guarantee the quality of this product.
- Insert the card fully, otherwise it may be damaged.

Picture save destination (cards and built-in memory)

■ Built-in memory (DMC-S3: Approx. 70 MB/DMC-S1: Approx. 20 MB)

- The built-in memory can be used as a temporary storage device when the card being used becomes full.
- The access time for the built-in memory may be longer than the access time for a card.

■ Compatible memory cards (optional)

The following SD standard-based cards (Panasonic brand recommended)

Type of Card	Capacity	Notes
SD Memory Cards	8 MB – 2 GB	<ul style="list-style-type: none"> • Can be used with devices compatible with the respective formats. • Before using SDXC Memory Cards, check that your computer and other devices support this type of card. http://panasonic.net/avc/sdcard/information/SDXC.html • Only the cards listed on the left with the given capacities are supported. • Using a card of SD Speed "Class 6"* or above is recommended for recording motion pictures.
SDHC Memory Cards	4 GB – 32 GB	
SDXC Memory Cards	48 GB, 64 GB	

* SD speed class refers to a specification for sustained write speeds. Confirm the SD speed by checking the card label or other card related materials.

(Example) Class 6

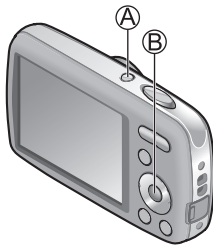


- Latest information:
<http://panasonic.jp/support/global/cs/dsc/>
(This Site is English only.)
- Keep the Memory Card out of reach of children to prevent swallowing.

Setting the clock

The clock is not set when the camera is shipped.

- 1 Press the Power button (A)**
[Please set the clock] is displayed.
- 2 Press [MENU/SET] (B)**
- 3 Press ◀▶ to select the items (year, month, day, hour, minute, display order or time display format), and press ▲▼ to set**
 - To cancel → Press [⏪ / ⏩].
- 4 Press [MENU/SET]**
- 5 Confirm the setting and press [MENU/SET]**
 - To return to the previous screen, press [⏪ / ⏩].
 - Turn on the power again and check the time display.



■ To change time setting

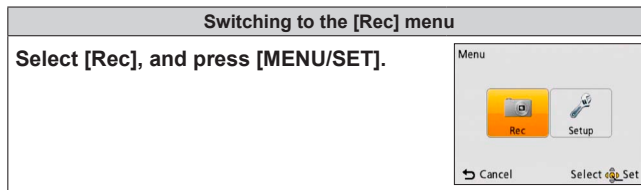
Select [Clock Set] from [Rec] or [Setup] menu, perform **3** and **4**.

Setting the menu

Refer to the procedure example below when operating the [Setup] menu, [Rec] menu and [Playback] menu.

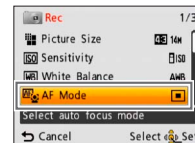
Example: Setting [AF Mode] from [□] to [👤] in the [Normal Picture] Mode

- 1 Press [MENU/SET] to display the menu**



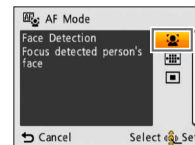
- 2 Press ▲▼ to select [AF Mode] and then press [MENU/SET]**

• Depending on the item, its setting may not appear or it may be displayed in a different way.



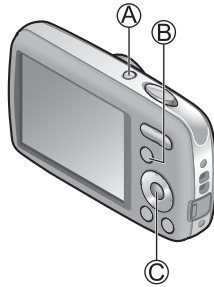
- 3 Press ▲▼ to select [👤] and then press [MENU/SET] to set**




- 4 Press [⏪ / ⏩] several times to close the menu**



Selecting the Recording Mode

- 1 Press the Power button (A)**
The power is turned on.
- 2 Press the [MODE] button (B)**
- 3 Press ▲▼◀▶ to select the Recording Mode**
- 4 Press [MENU/SET] (C)**



	[Intelligent Auto] Mode Taking pictures with automatic settings.
	[Normal Picture] Mode Take pictures with your own settings.
SCN	[Scene Mode] Take pictures according to scene.
	[Motion Picture] Mode Take motion pictures.

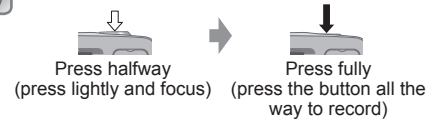
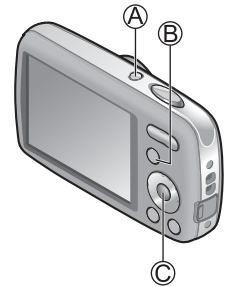
Taking pictures with automatic settings

[Intelligent Auto] Mode

Recording Mode: 

Optimum settings are made automatically from information such as “face,” “movement,” “brightness,” and “distance” just by pointing the camera at the subject, meaning that clear pictures can be taken without the need to make settings manually.

- 1 Press the Power button (A)**
The power is turned on.
- 2 Press the [MODE] button (B)**
- 3 Press ▲▼◀▶ to select [Intelligent Auto] Mode**
- 4 Press [MENU/SET] (C)**
- 5 Take pictures**



- If jitter becomes noticeable, use both hands, keep your arms close to your body, and stand with your feet at shoulder width.
- **Focus display (D)**
(In focus: lit / Not in focus: flashing)
- The AF area (E) is displayed around the subject's face by the Face Detection function. In other cases, it is displayed at the point on the subject which is in focus.
- Focus: Max. W: 5 cm (0.17 feet)/
Max. T: 1 m (3.28 feet) and above











Taking pictures with automatic settings



[Intelligent Auto] Mode (Continued)

Recording Mode: 

Automatic Scene Detection





Camera identifies scene when pointed at the subject, and makes optimum settings automatically. The type of scene detected is indicated by a blue icon for two seconds.

 People are detected	 People and night scenery are detected (Only when  is selected)
 Scenery is detected	 Night scenery is detected
 A close-up shot is detected	 A sunset is detected
 Reads subject movement to avoid blurring when the scene does not correspond to any of the above.	

If the camera automatically identifies the scene and determines that people appear as subjects in the picture ( or ) , Face Detection is activated, and the focus and exposure are adjusted for the recognized faces.

Taking motion pictures [Motion Picture] Mode

Recording Mode: 

- 1 Press the [MODE] button
- 2 Press     to select [Motion Picture] Mode
- 3 Press [MENU/SET]

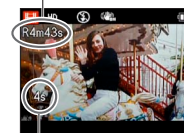
- 4 Start recording



- 5 End recording



Remaining recording time
(approx.)



Elapsed recording time

- The focus and zoom will remain as they were at the beginning of recording.
- Immediately release the shutter button after pressing it all the way.
- When there is no space left to store the motion picture, recording automatically ends.
- Motion pictures can be recorded continuously up to 2 GB. To record more than 2 GB, press the shutter button again. (Remaining time for continuous recording is displayed on the screen.)

Viewing your pictures [Normal Play]

Playback Mode:

1 Press the Playback button (A)



2 Press to select the picture



- To play back a motion picture, select an image with or , and then press to start playback.
- Be careful not to block the speaker.
- You can print pictures by connecting a camera to your computer or printer, or by giving an SD card to a shop assistant at a photo shop.

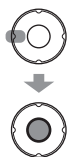
Deleting pictures

Playback Mode:

Deleted pictures cannot be recovered.

1 Press / (A) to delete the displayed picture

2 Press to select [Yes] and then press [MENU/SET] (B)



Reading the Owner's Manual (PDF format)

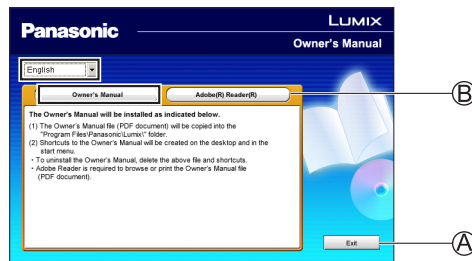
More detailed instructions on the operation of this camera are contained in "Owner's Manual for advanced features (PDF format)" in the supplied CD-ROM. Install it on your PC to read it.

■ For Windows

1 Turn the PC on and insert the CD-ROM containing the Owner's Manual (supplied)

2 Click the "Owner's Manual"

3 Select the desired language and then click "Owner's Manual" to install



(A) To return to the install menu.

(B) See next page.

4 Double click the "Owner's Manual" shortcut icon on the desktop

Reading the Owner's Manual (PDF format) (Continued)

■When the Owner's Manual (PDF format) will not open

You will need Adobe Acrobat Reader 5.0 or later or Adobe Reader 7.0 or later to browse or print the Owner's Manual (PDF format). Insert the CD-ROM containing the Owner's Manual (supplied), click (B) and then follow the messages on the screen to install. Compatible OS: Windows 2000 SP4 / Windows XP SP3 / Windows Vista SP2 / Windows 7

- You can download and install a version of Adobe Reader that you can use with your OS from the following Web Site.
<http://get.adobe.com/reader/otherversions>

■To uninstall the Owner's Manual (PDF format)

Delete the PDF file from the "Program Files\Panasonic\Lumix\" folder.

- When the contents in the Program Files folder cannot be displayed, click the "Show the contents of this folder" to display them.

■For Macintosh


- 1 Turn the PC on and insert the CD-ROM containing the Owner's Manual (supplied)
- 2 Open the "Manual" folder in the CD-ROM and then copy the PDF file with the desired language inside the folder
- 3 Double click the PDF file to open it

Specifications

Digital Camera: Information for your safety

Power Source	DC 5.1 V
Power Consumption	When recording: 1.2 W When playing back: 0.7 W
Camera effective pixels	14,100,000 pixels (DMC-S3) 12,100,000 pixels (DMC-S1)
Image sensor	1/2.33" CCD, total pixel number 14,500,000 pixels (DMC-S3) 12,700,000 pixels (DMC-S1) Primary color filter
Lens	Optical 4 x zoom f=5.0 mm to 20.0 mm (35 mm film camera equivalent: 28 mm to 112 mm)/ F3.1 (Max. W) to F6.5 (Max. T)
Digital Zoom	Max. 4 x
Extended Optical Zoom	Max. 8.4 x (DMC-S3) Max. 7.8 x (DMC-S1) (When the picture size is set to 3 million pixels [3M] or less.)
Focus range	
Intelligent Auto/Normal/Motion Picture	5 cm (0.17 feet) (Wide)/1 m (3.28 feet) (Tele) to ∞
Scene Mode	There may be difference in above settings.
Shutter system	Electronic shutter + Mechanical shutter
Burst recording	
Burst speed	2 pictures/second (DMC-S3) The burst speed differs according to the writing speed of the card and picture size. (DMC-S1)
Number of recordable pictures	Until card/built-in memory is full

Specifications (Continued)

Shutter speed	8 to 1/1600 th
Exposure (AE)	AUTO (Program AE) Exposure Compensation (1/3 EV Step, -2 EV to +2 EV)
Metering Mode	Multiple
LCD monitor	2.7" TFT LCD (4:3) (Approx. 230,400 dots) (field of view ratio about 100 %)
Flash	Flash range: (ISO  ISO) Approx. 40 cm (1.32 feet) to 3.3 m (10.8 feet) (Wide)
Microphone	Monaural
Speaker	Monaural
Recording media	Built-in Memory (DMC-S3: Approx. 70 MB, DMC-S1: Approx. 20 MB)/ SD Memory Card/SDHC Memory Card/ SDXC Memory Card
Recording file format	
Still picture	JPEG (based on Design rule for Camera File system, based on Exif 2.3 standard)
Motion pictures	QuickTime Motion JPEG (motion pictures with audio)
Interface	
Digital	USB 2.0 (High Speed)
Analog video	NTSC Composite
Audio	Audio line output (Monaural)
Terminal	AV OUT/DIGITAL: Dedicated jack (8 pin)

Dimensions	Approx. 98.8 mm (W) x 58.8 mm (H) x 20.9 mm (D) [3.89" (W) x 2.31" (H) x 0.82" (D)] (excluding the projection part)
Mass	With card and battery: Approx. 117 g (0.26 lb) Excluding card and battery: Approx. 100 g (0.22 lb)
Operating temperature	0 °C to 40 °C (32 °F to 104 °F)
Operating humidity	10 %RH to 80 %RH
Language select	[ENGLISH]/[ESPAÑOL]

Specifications (Continued)

Battery charger

(Panasonic DE-A91B): Information for your safety

Input	110 V to 240 V ~ 50/60Hz, 0.2 A
Output	4.2 V \equiv 0.43 A (Battery charging)

Equipment mobility: Movable

Battery pack (lithium-ion)

(Panasonic NCA-YN101G): Information for your safety

Voltage/capacity	3.6 V / 660 mAh
-------------------------	-----------------

Optional accessories

Product name: Battery pack

Product no.: DMW-BCK7PP

- Performance identical to supplied battery pack.
- Recommended for taking on holiday, etc.

Product name: AC adaptor

Product no.: DMW-AC5PP

Purchase the AC adaptor and DC coupler as a set. They cannot be used individually with this camera.

Product name: DC coupler

Product no.: DMW-DCC10

Product name: AV cable

Product no.: DMW-AVC1

Product name: SDXC Memory Card

Product no.: 48 GB: RP-SDW48GU1K

64 GB: RP-SDW64GU1K

Product name: SDHC Memory Card

Product no.: 4 GB: RP-SDW04GU1K

4 GB: RP-SDN04GU1A

8 GB: RP-SDW08GU1K

8 GB: RP-SDN08GU1A

16 GB: RP-SDW16GU1K

16 GB: RP-SDN16GU1A

32 GB: RP-SDW32GU1K

Product name: SD Memory Card

Product no.: 2 GB: RP-SDN02GU1A

- Product numbers are correct as of January 2011. These may be subject to change.
- Accessories and/or model numbers may vary between countries. Consult your local dealer.

Digital Camera Accessory Order Form

Please photocopy this form when placing an order.

- Digital Camera Model # _____
- Items Ordered

Accessory #	Description	Price Each	Quantity	Total Price
Subtotal				
Your State & Local Sales Tax				
Shipping & Handling			6.95	
Total Enclosed				

3. Method of payment (check one)

- Check of Money Order enclosed (NO C.O.D. SHIPMENTS)
- VISA Credit Card # _____
- MasterCard Expiration Date _____
- Discover Customer Signature _____

Make Check or Money Order to: PANASONIC ACCESSORIES

(Please do not send cash)

4. Shipping information (UPS delivery requires complete street address)

Ship To:

Mr. _____
 Mrs. _____
 Ms. _____

First _____ Last _____ Phone#:
 Day () _____
 Street Address _____ Night () _____
 City _____ State _____ Zip _____

TO OBTAIN ANY OF OUR DIGITAL CAMERA ACCESSORIES YOU CAN DO ANY OF THE FOLLOWING:
 VISIT YOUR LOCAL PANASONIC DEALER
 OR
 CALL PANASONIC'S ACCESSORY ORDER LINE AT 1-800-332-5368
 [6 AM-6 PM M-F, PACIFIC TIME]
 OR
 MAIL THIS ORDER TO: PANASONIC SERVICE AND TECHNOLOGY COMPANY
 ACCESSORY ORDER OFFICE
 20421 84th Avenue South Kent, WA. 98032

Limited Warranty (ONLY FOR U.S.A. AND PUERTO RICO)

Panasonic Consumer Electronics Company,
Division of Panasonic Corporation of North America
 One Panasonic Way, Secaucus, New Jersey 07094

Panasonic Digital Still Camera Products Limited Warranty

Limited Warranty Coverage (For USA and Puerto Rico Only)

If your product does not work properly because of a defect in materials or workmanship, Panasonic Consumer Electronics Company (referred to as "the warrantor") will, for the length of the period indicated on the chart below, which starts with the date of original purchase ("warranty period"), at its option either (a) repair your product with new or refurbished parts, (b) replace it with a new or a refurbished equivalent value product, or (c) refund your purchase price. The decision to repair, replace or refund will be made by the warrantor.

Product or Part Name	Parts	Labor
Digital Still Camera	1 year	1 year
CCD	6 months	90 days
SD Memory Cards, Rechargeable Battery Pack (defective exchange)	90 days	Not Applicable

During the "Labor" warranty period there will be no charge for labor. During the "Parts" warranty period, there will be no charge for parts. This Limited Warranty excludes both parts and labor for non-rechargeable batteries, antennas, and cosmetic parts (cabinet). This warranty only applies to products purchased and serviced in the United States or Puerto Rico. This warranty is extended only to the original purchaser of a new product which was not sold "as is".

Mail-In Service

For assistance in the U.S.A. and Puerto Rico in obtaining repairs, please ship the product prepaid to:

Panasonic Exchange Center
4900 George McVay Drive
Suite B
McAllen, TX 78503
panacare@us.panasonic.com

When shipping the unit, carefully pack, include all accessories, and send it prepaid, adequately insured and preferably in the original carton. If Lithium Ion batteries are shipped by air the package must be labeled "Contains Lithium Ion Battery (No lithium metal)". Damaged batteries are prohibited from shipment by US Mail. Batteries must be securely packed in a manner to prevent short-circuiting and a package cannot contain more than 3 Lithium Ion batteries. Include a letter detailing the complaint, a return address and provide a daytime phone number where you can be reached. A valid registered receipt is required under the Limited Warranty.

IF REPAIR IS NEEDED DURING THE WARRANTY PERIOD, THE PURCHASER WILL BE REQUIRED TO FURNISH A SALES RECEIPT/PROOF OF PURCHASE INDICATING DATE OF PURCHASE, AMOUNT PAID AND PLACE OF PURCHASE. CUSTOMER WILL BE CHARGED FOR THE REPAIR OF ANY UNIT RECEIVED WITHOUT SUCH PROOF OF PURCHASE.

Limited Warranty Limits And Exclusions

This warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, introduction of sand, humidity or liquids, commercial use such as hotel, office, restaurant, or other business or rental use of the product, or service by anyone other than a Factory Service Center or other Authorized Servicer, or damage that is attributable to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE".

THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY.

(As examples, this excludes damages for lost time, travel to and from the servicer, loss of or damage to media or images, data or other memory or recorded content. The items listed are not exclusive, but for illustration only.)

ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the exclusions may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Service Center. If the problem is not handled to your satisfaction, then write to the warrantor's Consumer Affairs Department at the addresses listed for the warrantor.

PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.

Customer Services Directory (United States and Puerto Rico)

Obtain Product Information and Operating Assistance; locate your nearest Dealer or Service Center; purchase Parts and Accessories; or make Customer Service and Literature requests by visiting our Web Site at:

<http://www.panasonic.com/help>

or, contact us via the web at:

<http://www.panasonic.com/contactinfo>

You may also contact us directly at:

1-800-211-PANA (7262)

Monday-Friday 9am-9pm, Saturday-Sunday 10am-7pm EST

For hearing or speech impaired TTY users, TTY: 1-877-833-8855

Accessory Purchases (United States and Puerto Rico)

Purchase Parts, Accessories and Instruction Books online for all Panasonic Products by visiting our Web Site at:

<http://www.pstc.panasonic.com>

Or, send your request by E-mail to:

npcparts@us.panasonic.com

You may also contact us directly at:

1-800-332-5368 (Phone) 1-800-237-9080 (Fax Only)

(Monday-Friday 9am-9pm EST)

Panasonic Service and Technology Company

20421 84th Avenue South, Kent, WA 98032

(We accept Visa, MasterCard, Discover Card, American Express, and Personal Checks)

For hearing or speech impaired TTY users, TTY: 1-866-605-1277

As of November 2009



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- QuickTime and the QuickTime logo are trademarks or registered trademarks of Apple Inc., used under license therefrom.
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- Other names, company names, and product names printed in these instructions are trademarks or registered trademarks of the companies concerned.

-If you see this symbol-



Information on Disposal in other Countries outside the European Union

This symbol is only valid in the European Union. If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

**Panasonic Consumer Electronics Company,
Division of Panasonic Corporation of North America**

One Panasonic Way, Secaucus, NJ 07094

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