

Panasonic[®]

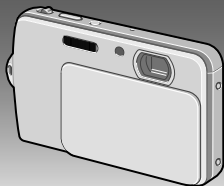
Basic Owner's Manual

Digital Camera

Model No. **DMC-FP7**

DMC-FP5

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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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 time to fill in the information in the box 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 these Owner's Manual.

Model No. _____

Serial No. _____

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.



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

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.**

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-FP7 / DMC-FP5
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.



■ 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 110V and 240V.

But

- In the U.S.A. and Canada, the battery charger must be connected to a 120V 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

- Do not use any other AV cables except the supplied one.
- Do not use any other USB connection cables except the supplied one.

– 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.


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 generated by microprocessors may adversely affect this unit, disturbing the pictures and/or sound.
- 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 (DMW-AC5PP: optional). 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.

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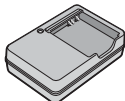
Standard Accessories

Check that all the accessories are included before using the camera. Product numbers are correct as of January 2011. These may be subject to change.

- 1 Battery Pack*
(Battery Pack is indicated as **battery pack** or **battery** in the text.)
Charge the battery before use.
 - 2 Battery Charger
(Battery Charger is indicated as **battery charger** or **charger** in the text.)
 - 3 USB Connection Cable
 - 4 AV Cable
 - 5 CD-ROM
 - Software:
Use it to install the software to your PC.
 - Owner's Manual
 - 6 Hand Strap
 - 7 Stylus Pen
- * When you purchase a spare battery, buy the optional battery (DMW-BCK7PP).
- SD Memory Card, SDHC Memory Card and SDXC Memory Card are indicated as **card** in the text.
 - **Card is optional.**
You can record or play back pictures on the built-in memory when you are not using a card.
 - For information about optional accessories, please refer to "Digital Camera Accessory System".
 - If any of the accessories are lost, customers in the USA and Puerto Rico should contact Panasonic's parts department at 1 800 833-9626 for further information about obtaining replacement parts.



1 NCA-YN101G



2 DE-A91B



3 K1HY08YY0019



4 K1HY08YY0020



5 VFF0744



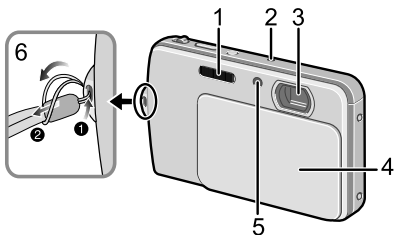
6 VFC4297



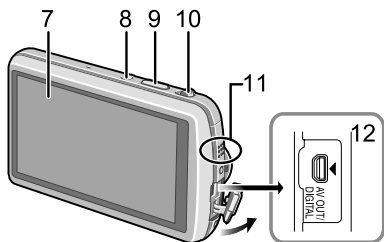
7 VGQ0C14

Names of the Components

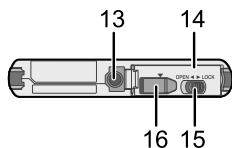
- 1 Flash
- 2 Microphone
- 3 Lens
- 4 Lens cover
- 5 Self-timer Indicator
AF Assist Lamp
- 6 Strap eyelet
 - Be sure to attach the strap when using the camera to ensure that you will not drop it.



- 7 Touch Panel / LCD Monitor
- 8 Camera ON / OFF switch
- 9 Shutter button
- 10 Zoom lever
- 11 Speaker
- 12 [AV OUT / DIGITAL] socket



- 13 Tripod receptacle
- 14 Card / Battery door
- 15 Release lever
- 16 DC coupler cover



- When using an AC adaptor, ensure that the Panasonic DC coupler (DMW-DCC10; optional) and AC adaptor (DMW-AC5PP; optional) are used.
- Always use a genuine Panasonic AC adaptor (DMW-AC5PP; optional).
- We recommend you use a battery with sufficient battery power or the AC adaptor (DMW-AC5PP; optional) and DC coupler (DMW-DCC10; optional) when recording motion pictures.
- If while recording motion pictures using the AC adaptor and the power supply is cut off due to a power outage or if the AC adaptor is disconnected etc., the motion picture being recorded will not be recorded.

How to Use the Touch Panel

This touch panel is a type that detects pressure.

You can operate the camera by directly touching the icons or images on the LCD monitor (Touch Panel) with your finger or the supplied stylus pen.

Touch

To touch and release the touch panel.



Use this to select icons or images, or to set the items.

- It may not operate properly when multiple icons are touched simultaneously, so try to touch the center of the icon.

Drag

A movement without releasing the touch panel.

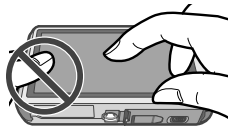


Use this to see the next/previous image by dragging horizontally or change the range of the displayed image.

This can also be used to switch the page by operating the slide bar.

Note

- If you use a commercially available liquid crystal protection sheet, please follow the instructions that accompany the sheet. (Depending on the material, visibility or operability may be impaired.)
- **Apply a little extra pressure** when touching if you have a commercially available protection sheet affixed or if you feel it is not responding well.
- Touch panel will not operate properly when the hand holding this unit is pressing on the touch panel.
- Do not press using anything with a sharp tip or anything hard, except for the supplied stylus pen.
- Do not operate with your fingernails.
- Wipe the LCD monitor with dry soft cloth when it gets dirty with finger prints and others.
- Do not scratch or press the LCD monitor too hard.



■ About the Stylus pen

It is easier to use the stylus pen (supplied) for detailed operation or if it is hard to operate with your fingers.

- Do not place it where small children can reach.
- Do not place the stylus pen on the LCD monitor when storing. LCD monitor may break when the stylus pen is pressed strongly against the LCD monitor.

Charging the Battery

■ About batteries that you can use with this unit

Supplied battery or dedicated optional batteries (DMW-BCK7PP) can be used with this camera.

It has been found that counterfeit battery packs which look very similar to the genuine product 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 would recommend that a genuine Panasonic battery pack is used.

- Use the dedicated charger and battery.

■ Charging

- The battery is not charged when the camera is shipped. Charge the battery before use.
- Charge the battery with the charger indoors.
- It is recommended to charge the battery in a temperature between 10 °C to 30 °C (50 °F to 86 °F). (The battery temperature should also be the same.)

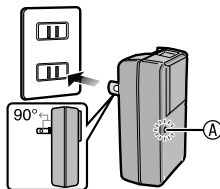
1

Attach the battery making sure the battery direction is correct.



2**Connect the charger to the electrical outlet.**

- Charging starts when the [CHARGE] indicator ^(A) lights green.

**■ [CHARGE] indicator**

Lights on: Charging

Lights off: Charging complete (Disconnect the charger from the electrical socket and detach the battery after charging is completed.)

• When the [CHARGE] indicator flashes

- The battery temperature is too high or too low. It is recommended to charge the battery again in an ambient temperature of between 10 °C to 30 °C (50 °F to 86 °F).
- The terminals of the charger or the battery are dirty. Wipe them with a dry cloth.

■ Charging time

	Supplied battery	Optional battery
Charging time (When charging the exhausted battery)	Approx. 115 min	Approx. 120 min

■ **Recording still pictures** (By CIPA standard in Normal Picture Mode)

	DMC-FP7		DMC-FP5	
	Supplied battery	Optional battery	Supplied battery	Optional battery
Capacity	660 mAh	680 mAh	660 mAh	680 mAh
Number of recordable pictures	Approx. 240 pictures	Approx. 245 pictures	Approx. 260 pictures	Approx. 265 pictures
Recording time	Approx. 120 min	Approx. 122 min	Approx. 130 min	Approx. 132 min

Recording conditions by CIPA standard*

* CIPA is an abbreviation of [Camera & Imaging Products Association].

- 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.
- Moving the zoom lever from Tele to Wide or vice versa in every recording.
- Turning the camera off every 10 recordings and leaving it until the temperature of the battery decreases.

About the Built-in Memory / the Card

Built-in Memory

- **Memory size: Approx. 70 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.

Card

The following cards which conform to the SD video standard can be used with this unit.

(These cards are indicated as **card** in the text.)

Type of card which can be used with this unit	Remarks
SD Memory Card (8 MB to 2 GB)	<ul style="list-style-type: none">• SDHC Memory Card can be used with SDHC Memory Card or SDXC Memory Card compatible equipment.• SDXC Memory Card can only be used with SDXC Memory Card compatible equipment.• Check that the PC and other equipment are compatible when using the SDXC Memory Cards. http://panasonic.net/avc/sdcard/information/SDXC.html
SDHC Memory Card (4 GB to 32 GB)	
SDXC Memory Card (48 GB, 64 GB)	

- Cards other than the cards with the above capacity cannot be used.
- Use a card with SD Speed Class* with "Class 6" or higher when recording motion pictures.
* The SD Speed Class Rating is the speed standard for successive writes.

(Example) Class 6 **CLASS 6**

- Please confirm the latest information on the following website.
<http://panasonic.jp/support/global/cs/dsc/>
(This Site is English only.)

Note

- Keep the Memory Card out of reach of children to prevent swallowing.

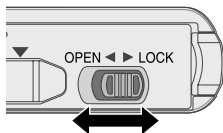
Inserting and Removing the Card (optional) / the Battery

- Check that this unit is turned off.
- We recommend using a Panasonic card.

1

Slide the release lever in the direction of the [OPEN] and open the card / battery door.

- 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.



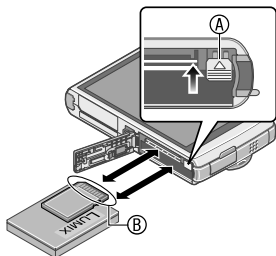
2

Completely insert battery and card.

Battery: Check the direction is correct and insert it securely to the end until the clicking sound is heard. Then, confirm the battery is locked by the lever ①.

Card: Check the direction is correct and insert it fully until it clicks.

- ①: Do not touch the terminals!
Face this side to the LCD side.



3

Close the card / battery door and slide the release lever in the direction of the [LOCK].

■ To remove

Battery: Pull the lever ① in the direction of the mark (△).

Card: Push the center of the card.

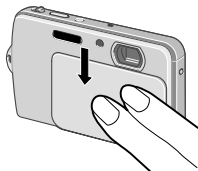
Setting Date / Time (Clock Set)

- The clock is not set when the camera is shipped.

1

Open the lens cover.

- The camera is turned on.



2

Touch [Clock Set].

3

Touch the items you wish to set (Year / Month / Day / Hours / Minutes), and set using [▲] / [▼].

4

Touch [Set].

5

Touch [Set].


Changing the clock setting

Select [Clock Set] in the [Rec] or [Setup] menu.

- It can be changed in steps 3 and 4 to set the clock.

Setting the Menu

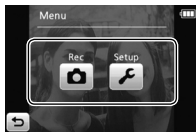
Using the menu, you can select your preferred recording or playback functions, or can make basic settings for the camera.

This section describes the operation method using the example of how to set the [AF Mode] in the recording menu to [] (Face Detection).

1 Touch [MENU].

2 Touch the type of menu.

- In Playback Mode, the playback menu can be selected instead of the recording menu.



3 Touch the icon in the menu item.

- Touching the icon for a few seconds will display the explanation.
- If there are many selectable items, [◀] and [▶] are displayed at both ends. Touch and display other items.



4 Touch the setting.

- Touching the icon for a few seconds will display the explanation.
- If there are many selectable items, [◀] and [▶] are displayed at both ends. Touch and display other settings.
- Depending on the item, some settings may not be displayed or they may be displayed in a different way.



■ To close the menu

Touch [] several times, or press the shutter button halfway.

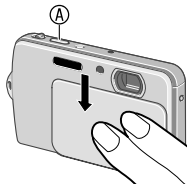
Recording Sequence

1

Open the lens cover.

The camera is turned on in Recording Mode. (Recording is possible with this setting.)

Ⓐ Shutter button



2

Select Recording Mode.

① Touch [◀📷].

② Touch the mode icon.

- The description is displayed after the first touch.
- When operating from Playback Mode, touch [📷] first to switch to Recording Mode, and then perform ①.

■ List of [Rec] Modes

Intelligent Auto Mode

The subjects are recorded using settings automatically selected by the camera.

Normal Picture Mode

The subjects are recorded using your own settings.

Cosmetic Mode

Takes a picture adjusting the skin texture.

SCN Scene Mode / MS My Scene Mode

This allows you to take pictures that match the scene being recorded.

Motion Picture Mode

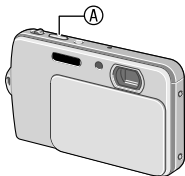
This mode allows you to record motion pictures with audio.

[Rec] Mode: **iA**



Taking Pictures Using the Automatic Function (**iA** : Intelligent Auto Mode)

The camera will set the most appropriate settings to match the subject and the recording conditions so we recommend this mode for beginners or those who want to leave the settings to the camera and take pictures easily.

Ⓐ Shutter button



1 Touch [**◀**] in Recording Mode.

- When operating from Playback Mode, touch [] first to switch to Recording Mode, and then touch [**◀** ].

2 Touch [**iA**].

3 Press the shutter button halfway (push lightly) to focus.

- The focus indication ① (green) lights when the subject is focused.
- The AF area ② 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.
- The focus range is 10 cm (0.33 feet) (Wide) / 50 cm (1.64 feet) (Tele) to ∞ .
- The maximum close-up distance (the shortest distance at which the subject can be taken) differs depending on the zoom magnification.










4 Press the shutter button fully (push it in further), and take the picture.

- You can also take pictures using the Touch Shutter function.



Scene Detection

When the camera identifies the optimum scene, the icon of the scene concerned is displayed in blue for 2 seconds, after which its color changes to the usual red.

 →	 [i-Portrait]	 [i-Night Portrait] • Only when [iA] is selected
	 [i-Scenery]	 [i-Night Scenery]
	 [i-Macro]	 [i-Sunset]

- [iA] is set if none of the scenes are applicable, and the standard settings are set.
- When [i-Portrait] or [i-Night Portrait] is selected, the camera automatically detects a person's face, and it will adjust the focus and exposure (Face Detection).

Tracking moving subjects and focus (AF Tracking)

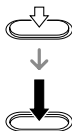
Just touching the screen can focus the targeted subject and adjust the exposure. The camera continues to focus the subject and adjust the exposure even if it moves afterwards.

1 Touch the subject you wish to focus on the screen.

- The AF area (AF tracking frame) is displayed in yellow and the camera determines the best suited scene.
- Touch [OFF] to cancel the AF Tracking.




2 Press the shutter button halfway to fix the focus and then press it fully to take the picture.



[Rec] Mode: 

Recording Motion Pictures

This records motion pictures with sound. (Motion pictures cannot be recorded without audio.)

1 Touch [] in Recording Mode.

2 Touch [].

3 Press the shutter button halfway to focus and then press it fully to start recording.

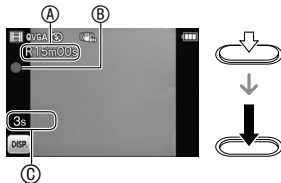
Ⓐ Available recording time

Ⓑ Recording state

Ⓒ Elapsed recording time

• After pressing the shutter button fully, release it straight away.

• The focus and zoom are fixed to the setting when recording starts (the first frame).



4 Press the shutter button fully to stop recording.

Note

- Motion pictures can be recorded continuously up to 2 GB. The maximum available recording time for up to 2 GB only is displayed on the screen.

[Playback] Mode:

Playing Back Pictures ([Normal Play])

If the card is inserted, pictures in the card are played back. If not, pictures in the built-in memory are played back.

1 Touch in Recording Mode.

- Touching in Recording Mode will automatically enter Normal Playback Mode.

2 Forward or rewind the image by dragging the screen horizontally. Forward: drag from right to left Rewind: drag from left to right

- To play back motion pictures , touch .



[Playback] Mode:

Deleting Pictures

Once deleted, pictures cannot be recovered.

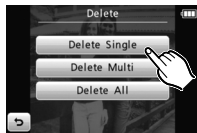
- Pictures on the built-in memory or the card, which are being played back will be deleted.

1 Select the picture to be deleted, and then touch .



2 Touch [Delete Single].

3 Touch [Yes].



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.

[Windows]

1

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

2

Click the [Owner's Manual].

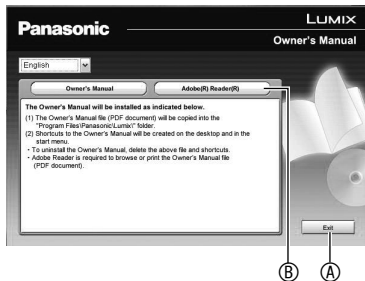
3

Select the desired language and then click [Owner's Manual] to install.

Ⓐ To return to the install menu.

4

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



■ 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 [Ⓜ] 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.

[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: 1.2 W (When recording) (DMC-FP7) /
1.1 W (When recording) (DMC-FP5)
0.7 W (When playing back) (DMC-FP7/DMC-FP5)

Camera Effective pixels: 16,100,000 pixels (DMC-FP7) /
14,100,000 pixels (DMC-FP5)

Image sensor: 1/2.33" CCD

Total pixels: 16,600,000 pixels (DMC-FP7) /
14,500,000 pixels (DMC-FP5)
Primary color filter

Lens: Optical 4 × zoom, f=6.3 to 25.2 mm [35 mm
film camera equivalent: 35 to 140 mm] / F3.5
(Wide) to F5.9 (Tele)

Digital zoom: Max. 4 ×

**Extended optical
zoom:** Max. 9.0 × (DMC-FP7) / Max. 8.4 × (DMC-FP5)

Focus range: Normal :
50 cm (1.64 feet) to ∞
Macro / Intelligent auto / Motion Picture:
10 cm (0.33 feet) (Wide) / 50 cm (1.64 feet)
(Tele) to ∞
Scene mode: settings may be different to
those shown above

Shutter system: Electronic shutter + Mechanical shutter

Burst recording

Burst speed: Approx. 1.7 pictures/second

Number of

recordable pictures: Depends on the remaining capacity of the
built-in memory or the card.

Hi-speed burst	
Burst speed:	Approx. 4 pictures/second
Picture size:	3M (4:3), 2.5M (3:2, 1:1) or 2M (16:9) is selected as the picture size.
Number of recordable pictures:	Approx. 15 to 100
Shutter speed:	8 seconds to 1/1,600th of a second [Starry Sky] mode:15 seconds, 30 seconds, 60 seconds
Exposure (AE):	Auto (Program AE) Exposure compensation (1/3 EV Step, -2 EV to +2 EV)
Metering mode:	Multiple
LCD monitor:	TFT LCD 3.5" (16:9) (DMC-FP7) / TFT LCD 3.0" (3:2) (DMC-FP5) (Approx. 230,000 dots) (field of view ratio about 100%) Touch panel
Flash:	Flash range: Approx. 0.3 m (0.99 feet) to 4.9 m (16.08 feet) (Wide [ISO]) AUTO, AUTO / Red-eye reduction, Forced ON (Forced ON / Red-eye reduction), Slow sync. / Red-eye reduction, Forced OFF
Microphone:	Monaural
Speaker:	Monaural
Recording media:	Built-in Memory (Approx. 70 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) / DPOF corresponding
Motion pictures:	"QuickTime Motion JPEG" (motion pictures with audio)

Interface

Digital: USB 2.0 (High Speed)

**Analog video /
audio:**

NTSC

Audio line output (monaural)

Terminal

AV OUT/DIGITAL: Dedicated jack (8 pin)

Dimensions: Approx. 101.0 mm (W) × 58.9 mm (H) ×
18.2 mm (D)

(3.98" (W) × 2.32" (H) × 0.72" (D))

(excluding the projection part)

Mass (Weight):

Approx. 147 g/0.32 lb (DMC-FP7)

Approx. 141 g/0.31 lb (DMC-FP5)

(with Memory Card and battery)

Approx. 130 g/0.29 lb (DMC-FP7)

Approx. 124 g/0.27 lb (DMC-FP5)

(excluding Memory Card and battery)

Operating

Temperature:

0 °C to 40 °C (32 °F to 104 °F)

Operating Humidity:

10%RH to 80%RH

Language select:

[English] / [Español]

Battery Charger

(Panasonic

DE-A91B):

Information for your safety

Input:

~ 110 V to 240 V, 50/60 Hz, 0.2 A

Output:

=== 4.2 V, 0.43 A

Equipment mobility: Movable

Battery Pack

(lithium-ion)

(Panasonic

NCA-YN101G):

Information for your safety

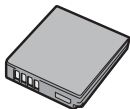
Voltage/capacity

(Minimum):

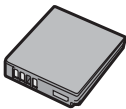
3.6 V/660 mAh

Digital Camera Accessory System

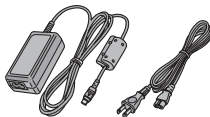
Battery Pack:
DMW-BCK7PP



DC coupler*:
DMW-DCC10



AC Adaptor*:
DMW-AC5PP



SD Memory Card

2 GBRP-SDN02GU1A

SDHC Memory Card

4 GBRP-SDN04GU1A

4 GBRP-SDW04GU1K

8 GBRP-SDN08GU1A

8 GBRP-SDW08GU1K

16 GBRP-SDN16GU1A

16 GBRP-SDW16GU1K

32 GBRP-SDW32GU1K

SDXC Memory Card

48 GBRP-SDW48GU1K

64 GBRP-SDW64GU1K



- Product numbers are correct as of January 2011. These may be subject to change.
- * The AC Adaptor (optional) can only be used with the designated Panasonic DC coupler (optional). The AC adaptor (optional) cannot be used by itself.
- NOTE: Accessories and/or model numbers may vary by country. Please consult your local dealer.

Digital Camera Accessory Order Form

Please photocopy this form when placing an order.

1. Digital Camera Model # _____

2. 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

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