

Panasonic[®]

Operating Instructions Digital Camera



Model No. **DMC-TZ5**
DMC-TZ4
DMC-TZ50



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



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

For Canadian assistance, please call: 1-800-99-LUMIX (1-800-995-8649) or
send e-mail to: lumixconcierge@ca.panasonic.com



VQT1P79-3

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 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.

Model No. _____

Serial No. _____

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.

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

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

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.

Warning

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

Product Identification Marking is located on the bottom of units.

THE FOLLOWING APPLIES ONLY IN THE U.S.A.

FCC Note: (U.S. only)

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-TZ5
DMC-TZ4
DMC-TZ50

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.



THE FOLLOWING APPLIES ONLY IN CANADA

This Class B digital apparatus complies with Canadian ICES-003.

-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.



About the battery pack

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.

Note

Example screens displayed in this manual are for DMC-TZ5 model.



DMC-TZ4: 8M

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.

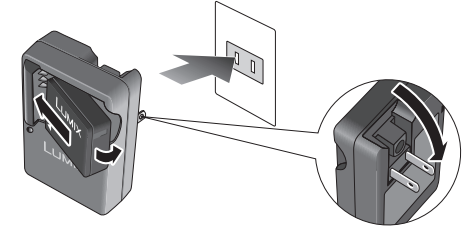
Quick start guide

The battery is not charged when the camera is shipped. Charge the battery and set the clock before use.

When you do not use the card (sold separately), you can record or play back pictures on the built-in memory (P.18).

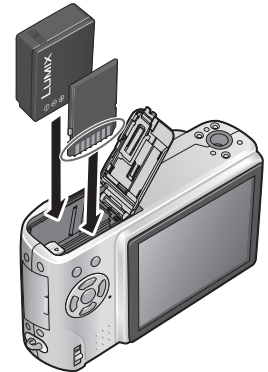
1

Charge the battery



2

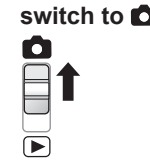
Insert the battery and the card



3

Turn on the power

Set REC/PLAY switch to



5

Set the mode dial to

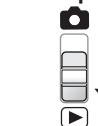


6

Press the shutter button and take pictures



To play back the pictures



1. Set REC/PLAY switch to
2. Select the picture you want to view.



Previous Next

Record, view, save those precious moments.

Record (P.28)

Automatically reads the scene to take crisper pictures!

INTELLIGENT AUTO **iA**

- Make ideal settings for the subject and distance just by pointing the camera!

Zoomed-in pictures

- Close-up pictures of people at a distance
'10x optical zoom'
Rapid zoom 'EASY ZOOM' (P.33)

Motion pictures

- Capture moving scenes
'MOTION PICTURE Mode' *1 (P.52)



Cards may be inserted directly into devices with SD memory card slots.

- SD memory card/
SDHC memory card *2
(sold separately)

View

(Playback) on large screen (P.86)



Enjoy crisp pictures on large screens!

- AV cable (supplied)
 - Component cable (sold separately)
- Enjoy videos in HD*3 on TV with component terminals (1080i) by using a component cable.

Print

at home, or at a digital photo center (P.78, 83)



With your printer*4

Connect directly to easily print pictures at home. Use a PictBridge-compatible printer.

- USB connection cable (supplied)

At digital photo center

Give card to shop assistant to print pictures.

Save and enjoy your pictures!



Using your PC*4

Send by e-mail, save to hard disk. Print out pictures.

- USB connection cable (supplied)



With DVD recorder*4

Save to DVD or hard disk

- AV cable (supplied)

*1 Sounds of zoom and other operations may be recorded.
*2 Can be used on SDHC memory card-compatible devices.
*3 DMC-TZ5 only
*4 See respective products' instruction manuals for details.

INDEX

Before use

- Before use** 12
- Read first/
To prevent damage and faults

- Standard Accessories** 13
- Names of parts** 14
- Mode dial 15
 - Cursor button 15

Preparations

- 1 Charging battery** 16
- 2 Inserting battery and card**... 17
- Picture save destination (cards and built-in memory)... 18
 - Remaining battery and memory capacity 18
- 3 Setting the clock and language** 19
- 4 Using menus** 20
- Menu type 21

- 5 Using SETUP menu** 22
- CLOCK SET 22
 - WORLD TIME
 - MONITOR
 - LCD MODE
 - BEEP 23
 - VOLUME
 - GUIDE LINE
 - HISTOGRAM
 - TRAVEL DATE
 - ECO ECONOMY 24
 - AUTO REVIEW
 - ZOOM RESUME 25
 - NO.RESET
 - RESET
 - RESET Wi-Fi SET (DMC-TZ50 only)
 - USB MODE 26
 - VIDEO OUT
 - TV ASPECT
 - m/ft
 - SCENE MENU
 - DIAL DISPLAY
 - VERSION DISP. (DMC-TZ50 only) 27
 - FORMAT
 - LANGUAGE
 - DEMO DEMO MODE

Basics (Record • View)

- 1** **Taking picture with automatic settings** 28
- 2** **Taking pictures with your own settings** 30
- Align focus for desired composition 31
- 3** **Taking pictures with zoom**... 32
- Enlarging further 'DIGITAL ZOOM' 34
- 4** **Viewing your pictures (Play)** 35
- 5** **Deleting pictures** 36
- To delete multiple (up to 50) or all pictures 36

Applications (Record)

- 1** **Changing recording information display** 37
- 2** **Taking pictures with flash**... 38
- 3** **Taking close-up pictures** .. 40
- Taking close-up pictures without standing close to subject 'TELE MACRO function' 40
- 4** **Positioning camera and subject within accessible range for focus alignment**... 41
- 5** **Taking pictures with self-timer** 42
- 6** **Taking pictures with exposure compensation** ... 43
- EXPOSURE 43
 - AUTO BRACKET 43
- 7** **Taking pictures according to the scene 'SCENE MODE'** 44
- Scene types 45
 - PORTRAIT/SOFT SKIN/ SELF PORTRAIT/SCENERY/ SPORTS 46
 - NIGHT PORTRAIT/ NIGHT SCENERY/FOOD/ PARTY/CANDLE LIGHT ... 47
 - BABY/PET/SUNSET 48
 - HIGH SENS./ HI-SPEED BURST 49
 - STARRY SKY/FIREWORKS/ BEACH/SNOW 50
 - AERIAL PHOTO/ UNDERWATER/MULTI ASPECT (DMC-TZ5 only) 51

INDEX (Continued)

Applications (Record) (Continued)

8	Taking motion pictures 'MOTION PICTURE'	52
9	Useful features for travel	53
	• TRAVEL DATE (Record travel date and destination)	53
	• WORLD TIME (Registering local time at your overseas destination)	54
10	Using REC menu	55
	• PICTURE SIZE	55
	• QUALITY	55
	• ASPECT RATIO	56
	• INTELLIGENT ISO	56
	• SENSITIVITY	57
	• WHITE BALANCE	58
	• METERING MODE	59
	• AF MODE	59
	• CONTINUOUS AF	60
	• BURST	61
	• I.EXPOSURE	61
	• DIGITAL ZOOM	62
	• COLOR MODE	62
	• STABILIZER	62
	• MIN. SHTR SPEED	63
	• AUDIO REC.	63
	• AF* AF ASSIST LAMP	63
	• CLOCK SET	63
11	Taking/viewing clipboard pictures (CLIPBOARD)	64
	• Taking clipboard pictures	64
	• Viewing clipboard pictures	64
	• Zoom mark	65
	• CLIPBOARD menu	65
12	Quick setting	66

Applications (View)

1	Viewing as list (Multi playback/Calendar playback)	67
2	Viewing motion pictures · pictures with audio / Creating still pictures from motion pictures (DMC-TZ5 only) ...	68
3	Different playback methods...	69
	• NORMAL PLAY	69
	• DUAL PLAY (DMC-TZ5 only)	69
	• SLIDE SHOW	70
	• CATEGORY PLAY	71
	• FAVORITE PLAY	71
4	Using PLAYBACK menu ...	72
	• CALENDAR	72
	• TITLE EDIT	72
	• Text input method	72
	• TEXT STAMP	73
	• RESIZE	74
	• TRIMMING	75
	• ASPECT CONV.	76
	• ROTATE	76
	• ROTATE DISP.	76
	• FAVORITE	77
	• DPOF PRINT	78
	• PROTECT	79
	• AUDIO DUB.	79
	• COPY	80

Connecting with other devices

1	Using with your PC	81
2	Printing	83
	• Printing multiple pictures ...	84
	• Print with date and text	84
	• Making print settings on camera ...	85
3	Viewing on TV screen	86
	• View on TV with component terminal	87

Others

1	List of LCD monitor displays ...	88
2	Message displays	90
3	Q&A Troubleshooting	92
4	Usage cautions and notes ...	98
5	Recording picture/time capacity ...	100
6	Specifications	102
7	Optional accessories	104
	Digital Camera Accessory Order Form (For USA Customers)	105
	Request for Service Notice (For USA Only)	106
	Limited Warranty (For USA Only)	107
	Customer Services Directory (For USA Only)	109
	Index	112

Before use

Read first

■ Do a test shot first!

Check first to see if you can take pictures and record sounds (motion pictures/pictures with audio) successfully.

■ We will not compensate for failed/lost recording or for direct/indirect damage.

Panasonic will not provide compensation even if damage is caused by faults with camera or card.

■ Certain pictures cannot be played back

- Pictures edited on a computer
- Pictures taken or edited on a different camera
(Pictures taken or edited on this camera may also not be able to be played back on other cameras)

■ Software on the CD-ROM supplied

- The following actions are prohibited:
- Making duplicates (copying) for sale or rent
 - Copying onto networks

To prevent damage and faults

■ Avoid shocks, vibration, and pressure

- Avoid exposing the camera to strong vibration or shock; e.g. dropping or hitting the camera, or sitting down with the camera in your pocket.
(Attach strap to avoid dropping camera)
- Do not press the lens or the LCD monitor.

■ Do not get the camera wet or insert foreign objects

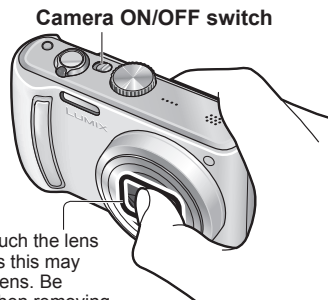
- Do not expose the camera to water, rain, or seawater.
(If camera gets wet, wipe with a soft, dry cloth. Wring cloth thoroughly first if wet with seawater, etc.)
- Avoid exposing lens and socket to dust or sand, and do not allow liquids to leak into gaps around buttons.

■ Avoid condensation caused by sudden changes in temperature and humidity

- When moving between places of different temperature or humidity, place camera into a plastic bag and allow to adjust to conditions before use.
- If the lens clouds up, switch off the power and leave for about two hours to allow camera to adjust to conditions.
- If the LCD monitor clouds up, wipe with a soft, dry cloth.

■ Lens

- If lens is dirty:
Images may appear slightly white if lens is dirty (fingerprints, etc.).
Turn the power on, hold the extracted lens barrel with your fingers, and gently wipe the lens surface with a soft, dry cloth.
- Do not leave in direct sunlight.



Do not touch the lens barrier, as this may damage lens. Be careful when removing camera from bag, etc.

■ When using tripod

- Do not apply excessive force or tighten screws at an angle (may damage camera, screw hole, or label.)
- Ensure that the tripod is stable.
(Read the tripod's instruction manual.)

■ When transporting

- Switch off power.
We recommend using a genuine leather case (DMW-CT3, sold separately).

LCD monitor characteristics

Extremely high precision technology is employed to produce the LCD monitor screen. However there may be some dark or bright spots (red, blue or green) on the screen. This is not a malfunction. The LCD monitor screen has more than 99.99% effective pixels with a mere 0.01% of the pixels inactive or always lit. The spots will not be recorded on pictures on the built-in memory or a card.

Unit temperature

The camera may become warm during use. (Especially grip area, etc.)
This does not cause a problem with the performance or quality of the camera.



Standard Accessories

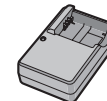
Part numbers are as of January 2008

- Battery Pack**
CGA-S007A



(referred to in this manual as 'battery')

- Battery Charger**
DE-A45B



(referred to in this manual as 'charger')

- Battery Carrying Case**
VYQ3680



- Strap**
VFC4297



- USB Connection Cable**
K1HA08CD0019



- AV Cable**
K1HA08CD0020



- CD-ROM**



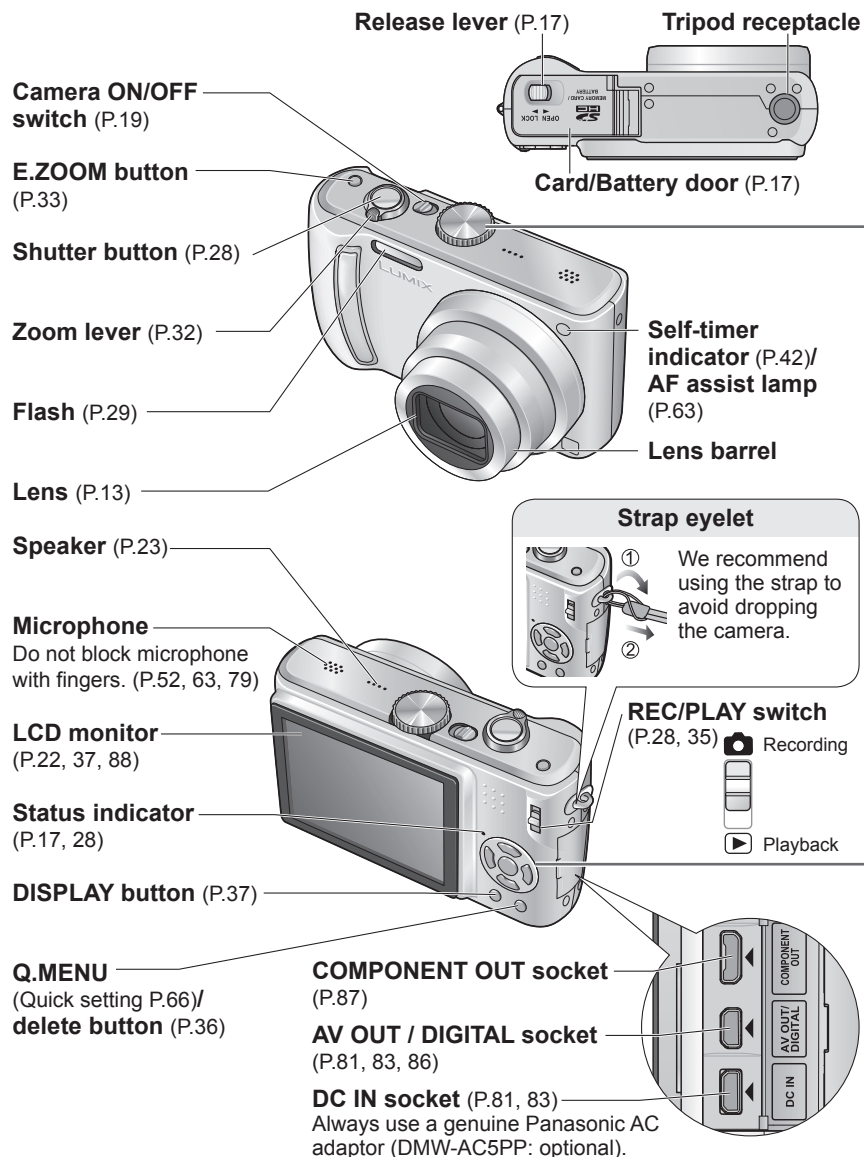
- Please dispose of all packaging appropriately.

■ Optional accessories (P.104)

- Cards are optional. You can record or play back pictures on the built-in memory when you are not using a card. (P.18)
- If any accessories are lost, customers in the USA should contact Panasonic's parts department at 1 800 833-9626 and customers in Canada should contact 1 800 99-LUMIX (1-800-995-8649) for further information about obtaining replacement parts.

Please also refer to 'Usage cautions and notes' (P.98).

Names of parts



Mode dial

IA INTELLIGENT AUTO mode	Take pictures with automatic settings (P.28).
NORMAL PICTURE mode	Take pictures with customized settings (P.30).
SCN1 SCENE mode (DMC-TZ50: SCN)	Take pictures according to scene (P.44).
MOTION PICTURE mode	Take motion pictures (P.52).
CLIPBOARD mode	Take pictures as memos (P.64).
Wi-Fi Wi-Fi mode*	Access your web album. (DMC-TZ50 only) (Operating Instructions (Digital Camera Wi-Fi Mode))

* With the DMC-TZ5/DMC-TZ4 models, this function is not included and the Operating Instructions (Digital Camera Wi-Fi Mode) are not supplied.

Cursor button

- Exposure compensation (P.43)
- Auto bracket (P.43)
- White balance fine adjustment (P.58)
- Backlight compensation (P.29)
- Flash (P.38)
- MENU/SET (menu display/set/finish) (P.20)

● This manual is based on the DMC-TZ5 model. Product illustrations and screens may vary.