





## Sanyo VPC-R1 Instruction Manual

Sanyo instruction manual digital camera vpc-r1ex, vpc-r1e, vpc-r1



1

2

3

4

5

Table Of Contents

6

7

8

9

10

11

12

13

14

15

16

17

18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67

68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87

---

•

[Table of Contents](#)

- 

Troubleshooting

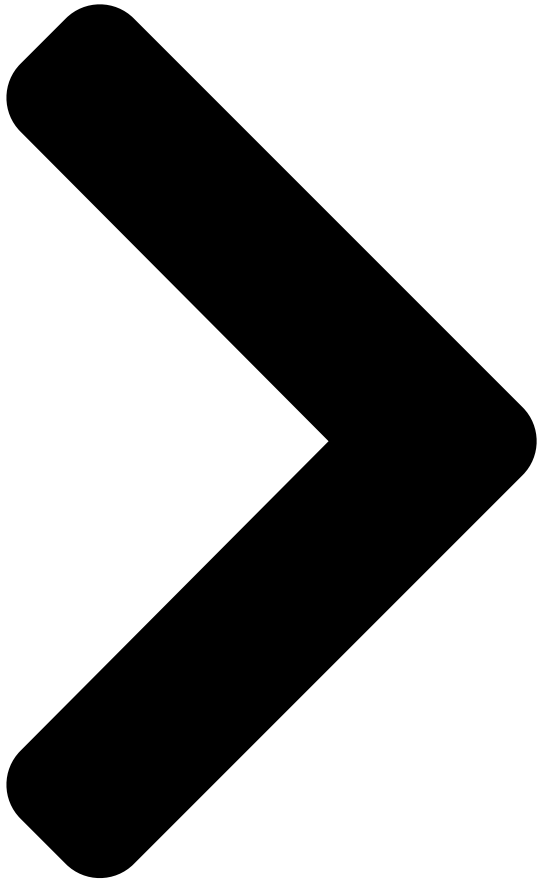


•

## Bookmarks

## Quick Links

[Download this manual](#) See also: [Service Manual](#)



# **INSTRUCTION MANUAL**

## **Digital Camera**

### **Important note**

This manual explains how to safely operate the digital camera.  
Any information regarding only one of these products will be labeled as such.  
Please read these instructions carefully before using the digital camera.  
Make sure  
to read and understand the section "USING YOUR DIGITAL CAMERA  
SAFELY



AND CORRECTLY" from pages 3 to 12. Keep this manual in a safe place for later reference.

# VPC-R1EX

# VPC-R1E

# VPC-R1

# SA

---

[Table of Contents](#)

[Next Page](#)

1  
2  
3  
4  
5

## Related Manuals for Sanyo VPC-R1

### [Digital Camera Sanyo VPC-R1 Instruction Manual](#)

Sanyo fisher co. digital camera instruction manual vpc-r1ex, vpc-r1e, vpc-r1 (87 pages)

### [Adapter Sanyo VPC-R1E Service Manual](#)

Digital camera ac adaptor (26 pages)

### [Digital Camera Sanyo Xacti VPC-E870 User Manual](#)

8 mega pixels (62 pages)

### [Digital Camera Sanyo Xacti VPC-HD700 Instruction Manual](#)

Digital movie camera (241 pages)

### [Digital Camera Sanyo VPC S6 - Xacti Digital Camera Instruction Manual](#)

6 mega pixel digital camera (73 pages)

### [Digital Camera Sanyo VPC S6 - Xacti Digital Camera User Manual](#)

6 mega pixels (62 pages)

### [Digital Camera Sanyo VPC-T1060 Instruction Manual](#)

Sanyo digital camera user manual (47 pages)

### [Digital Camera Sanyo VPC E1 - Xacti Camcorder - 6.0 MP Instruction Manual](#)

Digital camera 10 mega pixels (70 pages)

### [Digital Camera Sanyo VPC-X1400 Instruction Manual](#)

Sanyo vpc-x1400: user guide (84 pages)

### [Digital Camera Sanyo VPC-T1495 Instruction Manual](#)

Sanyo vpc-t1495: user guide (47 pages)

### [Digital Camera Sanyo VPC E1292 Instruction Manual](#)

12 mega pixels (73 pages)

### [Digital Camera Sanyo Xacti VPC-S120 User Manual](#)

Sanyo xacti vpc-s120: user guide (76 pages)

### [Digital Camera Sanyo VPC-E2100 Instruction Manual](#)

14 mega pixels (79 pages)

### [Digital Camera Sanyo VPC-T1496 Instruction Manual](#)

(50 pages)

### [Digital Camera Sanyo VPC-MZ1EX Instruction Manual](#)

(144 pages)

### [Digital Camera Sanyo VPC-S500EX Instruction Manual](#)

(67 pages)

## Summary of Contents for Sanyo VPC-R1

### [Page 1: Important Note](#)

This manual explains how to safely operate the digital camera. Any information regarding only one of these products will be labeled as such. Please read these instructions carefully before using the digital camera. Make sure to read and understand the section "USING YOUR DIGITAL CAMERA SAFELY AND CORRECTLY"...

### [Page 2](#) Warning TO PREVENT THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS



APPLIANCE TO RAIN OR MOISTURE FOR AMERICAN USERS œ 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.

### [Page 3: Declaration Of Conformity](#)

Declaration of Conformity Model Number : VPC-R1 Trade Name : SANYO Responsible party : SANYO FISHER COMPANY Address : 21605 Plummer Street, Chatsworth, California 91311 Telephone No. : (818) 998-7322 This device complies with Part 15 of the FCC Rules. Operation is subject to...

[Page 4](#) Sanyo Electric. œ Sanyo Electric shall not be held responsible for any losses or loss of revenue resulting from the loss of data caused by the malfunction, or the repairing of a malfunction, of the digital camera.

### [Page 5: Symbols Used In This Manual](#)

Symbols used in this manual HINT More detailed explanations or cautionary notes. NOTE Extra information about camera features and terminology. HELP In case of problems, this may help in certain situations. CAUTION Points requiring special caution. Explanation for still images Explanation for sequential shots Explanation for video clips You can select different languages for the LCD monitor display (see page...

### [Page 6: Table Of Contents](#)

CONTENTS USING YOUR DIGITAL CAMERA SAFELY AND CORRECTLY ..3 CHECKING THE INCLUDED ACCESSORIES ....13 B PREPARATION PART NAMES .

[Page 7](#) B PLAYBACK APPLICATIONS PLAYING IMAGES IN A SLIDE SHOW [v] ..... 48 MAGNIFYING (ZOOMING IN) THE IMAGE [v] [x] [w] ..49 B OTHER FUNCTIONS COPYING IMAGES [x] [w] .

### [Page 8: Using Your Digital Camera Safely And Correctly](#)

CORRECTLY CONCERNING THE DIGITAL CAMERA WARNING B If the digital camera makes a strange noise, emits a strange odor, or if smoke comes out from it, immediately turn off the power and remove the batteries œ If the digital camera is used under these conditions, it may cause a fire or electric shock.

[Page 9](#) B Do not look through the digital camera into the sun œ Do not look through the digital camera at the sun or any other strong source of light. Doing so may seriously injure your eyes.

[Page 10](#) B Do not use where there is risk of explosion œ Do not use the digital camera in a location where there is explosive gas, or any other flammable material in the air.

[Page 11](#) B Concerning the Batteries Concerning the supplied alkaline batteries œ Follow all the warnings indicated below to prevent the batteries from leaking, overheating, exploding, catching fire, or becoming damaged. Do not install with the polarities ((+) and (-)) reversed. œ Do not heat the batteries or throw them into a fire.

[Page 12](#) œ Do not drop or hit the batteries, or submit them to strong shocks. œ If the digital camera is not going to be used for a long period of time, remove the batteries and store them in a cool place. (When the batteries are removed for a long period, the time and date settings will be cleared.)

[Page 13](#) When walking around, hold the digital camera in your hand or place it in a pocket. œ Be careful not to drop the digital camera or subject it to strong shocks. œ Make sure direct sunlight does not hit the digital camera lens, since that may damage the internal parts.

[Page 14](#) œ Use only the separately sold AC adaptor (model VAR-G5EX for the VPC-R1EX, model VAR-G5E for the VPC-R1E and model VAR-G5U for the VPC-R1) with your digital camera. Do not use an AC adaptor other than the one indicted here, designed for specific use with your digital camera.

[Page 15](#) Periodically reinstall the batteries and check the digital camera functions. œ If the

batteries are left in the digital camera, a small amount of power is still used even if the digital camera is turned off. If the batteries are left in the digital camera for a long period, they may become completely discharged.

[Page 16](#) (such as a hard disk, MO disk, or CD-R disk). æ Data stored in the internal memory of this camera or on the CompactFlash may be lost (or corrupted). Sanyo Electric will not be held responsible for any damage or lost profits arising from the loss of data.

[Page 17](#) B Cautions when handling the CompactFlash æ The CompactFlash card is a precision device. Do not bend, drop, or subject it to strong forces or shocks. æ Avoid using or storing the CompactFlash card in places with extremely high or low temperatures, subject to direct sunlight, in a completely closed vehicle, near air conditioners or heaters, or in humid or dusty locations.

## [Page 18: Checking The Included Accessories](#)

æ Hand-strap æ Dedicated USB interface cable USING THE HAND-STRAP Attach the supplied hand-strap to the digital camera to aid in carrying. Bend the looped end to slip it through the strap holder. Other separately sold devices æ AC adaptor (Model: VAR-G5EX/E/U) AC adaptor for use with your digital camera æ...

## [Page 19: Part Names](#)

PART NAMES Front Rear Shutter release button Viewfinder Flash USB terminal For connecting to a computer with the supplied USB interface cable. Self-timer indicator Lens DC IN terminal (for external DC power input) For connecting the VAR-G5EX/E/U AC Adapter (sold separately). Macro switch Lens cover [MODE] button...

## [Page 20: Installing The Batteries](#)

INSTALLING THE BATTERIES Use the four alkaline batteries. To use other batteries, please see "To use other batteries" on page 16, and choose batteries suitable for use with this camera. Set the main switch to [MONITOR OFF] or [Ö]. Close the lens cover. Open the battery compartment cover on the bottom of the camera.

[Page 21](#) Do not open battery cover while camera is turned on. æ Do not open the battery cover while the camera is operating. Doing so may cause the loss of memory data. Sanyo cannot take responsibility for any damage arising from such operation.

## [Page 22: Installing The Card](#)

æ Before you first use a memory card (separately sold KA-DSM-C32G CompactFlash) with the digital camera, it is necessary to format it using this camera. Also, to use a card that was formatted with a computer or another camera, it is necessary to reformat it with this camera.

[Page 23](#) æ Take care not to remove the card when the camera is on, because doing so may cause the data on the card to be lost. Sanyo shall not be held responsible for any data that is damaged or lost in this manner.

[Page 24](#) INSTALLING THE CARD Reformatting a card After inserting a card, set the main switch to [Ö] and open the lens cover. Press the [MODE] button to show the following screen. Press [j] on the arrow button, then press [c] to select the [Ø] icon. Press the [SET] button.

[Page 25](#) Options screen. CAUTION Do not turn off the digital camera while it is reformatting the card. æ When reformatting begins after step 7, do not turn off the camera. Reformatting a memory card will erase all data.

## [Page 26: Turning The Power On/Off](#)

TURNING THE POWER ON/OFF Turning the power On The procedures to turn the power on when taking pictures and when playing back images are different. When taking pictures Set the main switch to [MONITOR OFF] or [Ö]. MONITOR OFF: The LCD monitor is not used. Ö: The LCD monitor is used.

[Page 27](#) Turning the power on when the power save function is active To save battery power, the power save function automatically turns off the power after a period of no operation (about 1 minute in the shooting mode or about 5 minutes in the playback mode). To restore power

when in the power save mode, perform one of following steps.

### [Page 28: Shooting Modes](#)

3 SHOOTING MODES This camera has three different shooting modes to choose from: still image, sequential shot, and video clip. Set the desired shooting mode before taking pictures. ⌘ Still image shooting mode: For taking still pictures. ⌘ Sequential shot shooting mode: For taking several pictures in quick succession.

### [Page 29: Shooting Still Images](#)

SHOOTING STILL IMAGES Set the camera to the still image shooting mode (see page 23). Point the camera at the subject. Correct hold Keep your elbows close to your body. Your fingers or the strap should not be in front of the lens or the flash. Press the shutter release button.

[Page 30](#) SHOOTING STILL IMAGES Important points when capturing images When the next picture cannot be taken... ⌘ When the standby indicator is flashing, the next picture cannot be taken. When the indicator lights, the next picture can be taken. When the shutter release beep sounds are desired... ⌘...

### [Page 31: Sequential Shots](#)

SEQUENTIAL SHOTS Two types of sequential shot functions are available. In the standard sequential shot mode, images are taken at 0.5-second intervals. In the AE shift sequential shot mode, three sequential images are taken at different exposures (brightnesses). Standard sequential shot ⌘: With the same exposure rate and at 0.5-second intervals, 3 sequential shots are taken.

[Page 32](#) SEQUENTIAL SHOTS Capture the pictures. 1 Center the subject in the viewfinder, press the shutter release button halfway and hold it there. Camera settings such as the exposure are ⌘ automatically set. 2 Press the shutter release button all the way. Shooting starts.

### [Page 33: Video Clips](#)

VIDEO CLIPS Set the shooting mode to the video clip shooting mode (see page 23). Take a video clip. 1 Center the subject in the viewfinder, press the shutter release button halfway and hold it there. Camera settings such as the exposure are ⌘...

### [Page 34: Playback Modes](#)

3 PLAYBACK MODES The three playback modes are: still image, sequential shot, and video clip. Set the appropriate playback mode before starting playback. ⌘ Still image playback mode: For viewing still image shots. ⌘ Sequential shot playback mode: For viewing sequential shot images. ⌘...

[Page 35](#) 1 Playback Mode menu v: Still image icon x: Sequential shot icon w: Video clip icon ⌘: Options icon 2 9-image display icon 3 Playback zoom icon 4 Image protect icon 5 Image erase icon 6 Print icon In sequential shot and video ⌘...

### [Page 36: Playing Back Still Images](#)

PLAYING BACK STILL IMAGES Playing back still images one by one Set the playback mode to the still image playback mode (see page 29). Press [d] or [c] on the arrow button. [d]: To display the previous image. [c]: To display the next image. Playing back several images at once (9-image display playback) Set the playback mode to the still image...

### [Page 37: Playing Back Sequential Shots](#)

PLAYING BACK SEQUENTIAL SHOTS Set the playback mode to the sequential shot playback mode (see page 29). Press [d] or [c] on the arrow button. [d]: To display the previous image. [c]: To display the next image. Press the [MODE] button. ⌘...

### [Page 38: Playing Back Video Clips](#)

PLAYING BACK VIDEO CLIPS Set the playback mode to the video clip playback mode (see page 29). ⌘ The 9-image display appears. ⌘ Each image is displayed with its assigned image number. Use the arrow button to move the [u] mark to the desired video clip.

[Page 39](#) HELP If the full-screen display appears in step 1... œ Skip to step 4. Is sound playback possible? œ This digital camera has no sound playback function. Video clip 0002 [SET] button: Play Video clip 0003 [G]: Jump to start of...

### [Page 40: Shooting Settings Screen](#)

SHOOTING SETTINGS SCREEN Set the shooting mode (see page 23). Press the [MODE] button. œ The Shooting Settings screen appears on the LCD monitor. œ The appearance of the Shooting Settings screen differs depending on the currently active shooting mode. <Video clip shooting mode>...

[Page 41](#) 3 Resolution menu <: 1280 x 960 pixels icon 4: 640 x 480 pixels icon 2: 320 x 240 pixels icon 0: 160 x 120 pixels icon 4 Compression rate menu D: Low compression icon G: Moderate compression icon 5 Sequential shot mode menu ø: 0.5-second interval sequential shot icon A: AE shift sequential shot icon 6 Self-timer menu...

### [Page 42: Adjusting The Image Quality](#)

ADJUSTING THE IMAGE QUALITY The resolution and compression rate can be changed to adjust the image quality. Set the image resolution ([v] [x] [w]) At higher resolutions, the image quality is clear and beautiful. But because the data size is also large, the number of pictures that can be taken and the recording time becomes less.

[Page 43](#) The higher the compression rate, the more of the original image is lost. For this reason, this digital camera allows you a mode by which the image quality has a top priority. This is the FINE (low compression) mode. By understanding the resolution and compression characteristics, you can select the appropriate settings that you require for your pictures.

[Page 44](#) ADJUSTING THE IMAGE QUALITY Changing the data size (compression rate) [v] [x] You can set the compression rate for the captured image data. When you increase the compression rate setting, the data size becomes smaller even for pictures taken at the same resolution; at a lower compression rate, the best image quality is ensured.

### [Page 45: Taking Pictures Without Using The Lcd Monitor \[V\] \[X\] \[W\]](#)

TAKING PICTURES WITHOUT USING THE LCD MONITOR [v] [x] [w] You can turn off the LCD monitor and take pictures using the viewfinder. Turning off the LCD monitor saves battery power. Open the lens cover and set the main switch to [MONITOR OFF].

### [Page 46: Taking Close-Up Pictures \(Macro Photography\) \(\[V\] \[X\] \[W\]\)](#)

TAKING CLOSE-UP PICTURES (MACRO PHOTOGRAPHY) ([v] [x] [w]) Use the macro photography focus to take pictures at close range (20 to 50 cm). Set the main switch to [Ö]. Open the lens cover. Set the macro switch to [£]. œ The macro indicator [¢] appears on the LCD monitor.

### [Page 47: Using The Self-Timer \[V\] \[X\] \[W\]](#)

USING THE SELF-TIMER [v] [x] [w] Display the Shooting Settings screen (see page 35). Select the self-timer menu. Select [U] from the self-timer menu. œ Press [c] on the arrow button to select the self-timer mode. U: Self-timer on (the self-timer will be used) V: Self-timer off (the self-timer will not be used) Press the [SET] button.

### [Page 48: Using The Flash \[V\]](#)

USING THE FLASH [v] The flash is used not only in dark conditions, but also when the subject is in the shade or is lit from the back. The four flash modes (automatic flash, forced flash, flash off, and red-eye reduction) allow you to select the mode appropriate for the surrounding conditions.

[Page 49](#) Use this setting when taking a picture in a location where flash photography is prohibited, or when shooting a night landscape scene. >: (red-eye reduction) When using the flash, the digital camera will operate in a way that reduces the red reflection ("red-eye") in the subject's eyes.

### [Page 50: Exposure Correction \[V\]\[X\] \[W\]](#)

EXPOSURE CORRECTION [v] [x] [w] You can change the brightness (exposure) of the image when you take the picture. Display the Shooting Settings screen (see page 35). Select the exposure correction icon [Ê]. œ The exposure correction bar appears. Press [d] or [c] on the

arrow button to adjust the exposure.

[Page 51](#) **HINT** ∅ The exposure correction is canceled when the main switch is set to [Ô] or [MONITOR OFF], when the camera is turned off, or when the pointer is moved to the center position. ∅ Moving the pointer away from the center position will change the exposure. Shortcut for setting the exposure correction ∅...

### [Page 52: Using The Zoom \[V\] \[X\] \[W\]](#)

**USING THE ZOOM** [v] [x] [w] The subject can be enlarged (zoomed in) when you take a picture. Display the Shooting Settings screen (see page 35). Select the zoom icon [i]. ∅ The zoom bar appears. Press [d] or [c] on the arrow button to adjust the zoom rate.

### [Page 53: Playing Images In A Slide Show \[V\]](#)

**PLAYING IMAGES IN A SLIDE SHOW** [v] Images can be played back in slide show fashion. Select the still image playback mode (see page 29). ∅ If the Playback Settings screen appears, press the [MODE] button to exit it. Press and hold [j] or [l] on the arrow button until the [SLIDE SHOW] indicator appears.

### [Page 54: Magnifying \(Zooming In\) The Image \[V\] \[X\] \[W\]](#)

**MAGNIFYING (ZOOMING IN) THE IMAGE** [v] [x] [w] The recorded images can be magnified when they are played back. In addition to still images and sequential shots, video clip images can be magnified when in the pause mode. Display the image you wish to magnify. Display the Playback Settings screen (see page 29).

### [Page 55: Copying Images \[X\] \[W\]](#)

**COPYING IMAGES** [x] [w] You can select an image from a sequential shot or video clip, copy it, and save it as a still image. Play back a sequential shot or video clip, and display the desired image. Display the Playback Settings screen (see page 29).

### [Page 56: Protecting/Erasing Image Data](#)

**PROTECTING/ERASING IMAGE DATA** Images that you no longer want to keep can be erased from the card. In addition, you can protect stored image data from accidental erasure with the protect function. ∅ To protect and delete data stored in the camera's internal memory, do not insert a memory card.

[Page 57](#) Select [YES], and press the [SET] button. ∅ The image data is locked. ∅ Images that are protected appear with the protect indicator [Ñ]. **CAUTION** ∅ Even if images are protected, they will be erased if reformatting is performed (see page 19). **HINT** To continue setting the protect mode for other image data...

[Page 58](#) **PROTECTING/ERASING IMAGE DATA** Erase unneeded data Images and video clips can be erased one frame at a time, or groups can be erased one group at a time. Display the data that you want to erase. Display the Playback Settings screen (see page 29).

[Page 59](#) <To erase video clips> [ONE ERASE]: Erases all the images in the displayed video clip. [GROUP ERASE]: Erases all the video clips. [EXIT]: Returns to the Playback Settings screen. Press [j] or [l] on the arrow button to select the desired erase mode, and press the [SET] button.

### [Page 60: Copying To The Card](#)

**COPYING TO THE CARD** You can copy internal memory data to the card. Insert a card and display the Shooting Settings screen. ∅ The following steps can also be performed from the Playback Settings screen (see page 29). Select [Ø] from the shooting mode menu. Press the [SET] button.

### [Page 61: Using With A Computer](#)

Install the software on the included CD-ROM (Sanyo Software Pack) before connecting the camera to a computer. The camera can be accessed as an external drive when connected to a computer. See the Sanyo Software Pack instruction manual for more information about software installation.

## [Page 62: Preserving The Recorded Images](#)

œ To save images to a computer, please see the instruction manual of the Sanyo Software Pack (included CD-ROM). œ To use a lab service, please contact a digital print service for digital cameras or access an Internet print service.

[Page 63](#) For this reason, if you use a commercial card adapter or the like to modify the file names directly from your computer, the digital camera may not be able to play back the images or may otherwise not work properly.

## [Page 64: Requesting Printing](#)

**REQUESTING PRINTING** You can have photographs made of the still images using a printer or taking them to a shop that provides digital print services. To have images from sequential shots and video clips printed, the images must first be copied and saved as still images (see page 50). Also, to print images that are stored in the internal memory, first copy the images to a card (see page 55) and follow the steps below.

[Page 65](#) **NOTE** œ This digital camera conforms to DPOF standards, so if the card is taken to a shop that handles the DPOF standard, you can specify—using your digital camera—the number of prints and whether to include the date on the prints.

## [Page 66: Setting The Date And Time](#)

**SETTING THE DATE AND TIME** The clock in the digital camera records the date and time that a picture is taken and can display it during playback. To display the date and time when playing back images, the date and time settings must be completed before the pictures are taken.

[Page 67](#) Set the date. œ The date is set in YEAR Ö MONTH Ö DAY order. 1 Press the [SET] button. The year indication changes to orange. œ [j]: The number decreases. [I]: The number increases. [SET] button or [d] [c]: Moves to the next 2 After the date has been set, press the [SET] button.

[Page 68](#) **SETTING THE DATE AND TIME** Set the date display. 1 Press [I] to select [DISP]. 2 Press the [SET] button. The current indication changes to orange. œ 3 Press [I]. Each time [I] is pressed, the display œ changes in the following order: Each time [j] is pressed, the display œ...

[Page 69](#) **HINT** If the date and time are not set... œ June 1, 2001, 00:00 (midnight) becomes the set time, and during playback the displayed time will show as "2001/06/01 00:00". To correct the date and time setting On the screen in step 4, press [I] on the arrow button to select the line you wish to correct.

## [Page 70: Setting The Operation Sound](#)

**SETTING THE OPERATION SOUND** You can set whether or not the operation confirmation sound (beep) is heard when the shutter release, [SET], [MODE], or other button is pressed. Display the Shooting Settings screen. œ The following steps can also be performed from the Playback Settings screen (see page 29).

[Page 71](#) **HINT** œ The beep sound setting is retained even if the main switch is set to [Ö] or [MONITOR OFF], or if the power is turned off. œ The beep sound volume cannot be adjusted. English...

## [Page 72: Changing The Display Language](#)

**CHANGING THE DISPLAY LANGUAGE** You can select from the following languages for the LCD monitor display: Japanese, English (initial setting), French, German, Spanish Display the Shooting Settings screen. œ The following steps can also be performed from the Playback Settings screen (see page 29). Select [Ø] from the shooting mode menu.

[Page 73](#) Select [LANGUAGE], and press the [SET] button. œ The Language Setting screen appears. œ Select from Japanese, English, French, German, and Spanish. Select the language, and press the [SET] button. œ The display language is set, and the display returns to the Options screen. **HINT** œ...

## [Page 74: Checking The Remaining Battery Charge](#)

**CHECKING THE REMAINING BATTERY CHARGE** The remaining battery charge can be confirmed on the LCD monitor, and it is recommended that you check it before taking pictures. For information on the battery operation time, please see "Battery Operation" on page 79. Set the main switch to [Ô] or [Ï].

**Page 75 HELP** If the LCD monitor suddenly turns off... œ When taking pictures using the LCD monitor and the battery charge becomes low, the LCD monitor may turn off briefly. This is to suppress battery power consumption when the flash is recharging. When the flash has recharged, the LCD monitor will turn on again.

## [Page 76: Checking The Remaining Number Of Images And Recording Time](#)

**CHECKING THE REMAINING NUMBER OF IMAGES AND RECORDING TIME** For information about the card's and internal memory's capacity, please see "Possible No. of Images/possible Shooting Time" on page 80. œ To check the number of pictures or time remaining in the camera's internal memory, do not insert a memory card.

## [Page 77: Troubleshooting](#)

**TROUBLESHOOTING Problem** The power does not turn on. The batteries are not inserted correctly. ⇒Replace with new batteries. The batteries are not inserted correctly. ⇒Reinsert the batteries, making sure the polarity is correct. The battery compartment cover is not fully closed. ⇒Close the battery compartment cover. Due to cold temperatures, the batteries temporarily lost their power.

**Page 78 TROUBLESHOOTING Problem** The flash does not work. The camera has detected that the subject is bright enough and does not require the flash. ⇒Set the flash to the forced flash mode or not work. ⇒This is not a malfunction. Take the picture as is. The batteries are consumed.

**Page 79 Problem** The focus does not work. The subject is too close to the camera. The macro switch setting is not correct. ⇒For distances between 20 and 50 cm, set the macro switch to [£] (macro photography). For subjects at least 50 cm from the camera, set the macro switch to normal photography (no macro photography indication).

**Page 80 TROUBLESHOOTING Problem** A part of the picture is hand-strap. ⇒Hold the camera correctly, and make sure the picture was taken at close range. ⇒When the subject is close to the camera, use No image ([?]) This may happen when trying to play back is displayed.)

**Page 81 Problem** The camera cannot be operated. ⇒Remove the batteries from the camera, wait a few minutes, then reinstall the batteries and try again. [SYSTEM A problem has occurred within the camera or card. ⇒Try the following measures.

## [Page 82: Specifications](#)

Recording resolution Video clip frame rate Data compression White balance Lens English CCD digital camera (recording and playback) Digital recording Still images: JPEG format (DCF and DPOF compliant) Note: Designed mainly by Japan Electronic Industry Development Association (JEIDA), DCF (Design rules for camera file system) is...

**Page 83 Aperture** F2.8, F5.6 (automatic) Exposure control type Aperture and shutter programmable exposure Exposure correction available from the Shooting Range 50 cm to infinity (normal photography), 20 cm to 50 cm (macro photography) Digital zoom For shooting For playback Shutter Still image shooting mode: 1/4 to 1/500 sec. (Flash: 1/30 to 1/500 sec.) and Sequential shot video clip shooting modes: 1/30 to 1/500 sec.

## [Page 84: Battery Operation](#)

10°C, the battery operation time is drastically reduced. English 4 AA alkaline batteries also: 4 AA Ni-Cd batteries (Sanyo N-3US) 4 AA Ni-MH batteries (Sanyo HR-3USV) 2 lithium batteries (CR-V3) œ Manganese batteries cannot be used. VAR-G5EX (for VPC-R1EX)

**Page 85 Possible No. of Images/Possible Shooting Time** This table shows the possible number

of images and possible shooting times when using a commercially available 32MB CompactFlash card and the internal memory. Shooting Resolution Compression mode < Still image < Sequential shot Video clip One shooting: Maximum no.

[Page 86: Icon Index](#)

ICON INDEX Shooting mode display Shooting settings indicators v Still image icon.....23, 35 x Sequential shot icon .

[Page 87](#) SANYO Electric Co., Ltd.

This manual is also suitable for:

[Vpc-r1exVpc-r1e](#)