



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for SANYO VPC-X1200. You'll find the answers to all your questions on the SANYO VPC-X1200 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual SANYO VPC-X1200**  
**User guide SANYO VPC-X1200**  
**Operating instructions SANYO VPC-X1200**  
**Instructions for use SANYO VPC-X1200**  
**Instruction manual SANYO VPC-X1200**

**SANYO**

**INSTRUCTION MANUAL  
BASICS**

**Digital Camera**

**VPC-X1200EX  
VPC-X1200  
VPC-X1200GX**



**Important note**

This manual explains how to safely operate the VPC-X1200EX, VPC-X1200 and VPC-X1200GX.  
Any information regarding only one of these products will be labeled as such.

Please read these instructions carefully before using the camera.  
Make sure to read and understand the separate booklet "SAFETY MANUAL".  
Keep this manual in a safe place for later reference.  
Two additional instruction manuals (both PDF files) are stored in the included CD-ROM (SANYO Software Pack).  
• "INSTRUCTION MANUAL: ADVANCED" explains detailed particulars of the camera functions.  
• "SANYO Software Pack INSTRUCTION MANUAL" explains how to use your camera in conjunction with a computer.



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**Manual abstract:**

@@ Keep this manual in a safe place for later reference. @@ - "INSTRUCTION MANUAL: ADVANCED" explains detailed particulars of the camera functions. · "SANYO Software Pack INSTRUCTION MANUAL" explains how to use your camera in conjunction with a computer. Warning TO PREVENT THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE kFOR AMERICAN USERS The following advisory is included in accordance with the laws of the State of California (USA): WARNING: This product contains chemicals, including lead, known to the State of California to cause cancer, birth defects or other reproductive harm. Wash hands after handling. i 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. @@@@h Increase the separation between the equipment and receiver. @@h Consult the dealer or an experienced radio/TV technician for help. i Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Declaration of Conformity Model number: VPC-X1200 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 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. i English FOR USERS IN THE USA About the battery charger IMPORTANT SAFETY INSTRUCTIONS SAVE THESE INSTRUCTIONS DANGER TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS h For connection to a supply not in the U.S.

A., use an attachment plug adapter of the proper configuration for the power outlet. h Power Supply Cord: Use UL Listed detachable power supply cord - No. 18 AWG, two conductors, rated 10 A, VW-1, 105 °C, 125/250 V, minimum 1.8 m, maximum 3 m long.

Provided with a molded-on, non-polarized attachment plug with a 15 A, 250 V (NEMA 2-15P) configuration or a 15 A, 125 V (NEMA 1-15P) configuration and a molded-on connector which mates with the Power Inlet. Cord Type Basic Cord Type TS SP-2 SP-3 SV SJ S Other Suitable Types TST SPE-2, SPT-2 SPE-3, SPT-3 SVE, SVO, SVOO, SVT, SVTO, SVTOO SJE, SJO, SJOO, SJT, SJTO, SJTOO SE, SO, SOO, ST, STO, STOO h 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. English ii PARA LOS USUARIOS DE EE.UU. Acerca del cargador de baterías INSTRUCCIONES IMPORTANTES SOBRE DE SEGURIDAD - GUARDE ESTAS INSTRUCCIONES PELIGRO - PARA REDUCIR EL RIESGO DE INCENDIO O DESCARGAS ELÉCTRICAS, SIGA CUIDADOSAMENTE ESTAS INSTRUCCIONES h Para la conexión a una red de alimentación que no sea de EE.UU., utilice el adaptador de enchufe apropiado para la toma de la red. h Cable de alimentación: Utilice el cable de alimentación UL desenchufable indicado en la lista - N.º 18 AWG, dos conductores, amperaje nominal de 10 A, VW-1, 105 °C, 125/ 250 V, mínimo 1,8 m, máximo 3 m de longitud.

Provisto de enchufe moldeado, adaptador de enchufe no polarizado con configuración de 15 A, 250 V (NEMA 2-15P), o configuración de 15 A, 125 V (NEMA 1-15P) y conector moldeado que se adapta a la toma de corriente de la red. Tipo de cable Tipo de cable básico TS SP-2 SP-3 SV SJ S Otros tipos adecuados TST SPE-2, SPT-2 SPE-3, SPT-3 SVE, SVO, SVOO, SVT, SVTO, SVTOO SJE, SJO, SJOO, SJT, SJTO, SJTOO SE, SO, SOO, ST, STO, STOO h Este dispositivo cumple con lo estipulado en la Parte 15 de las Normativas de la FCC. La operación está sujeta a las dos condiciones siguientes: (1) este dispositivo no puede provocar interferencias nocivas, y (2) este dispositivo debe aceptar las interferencias recibidas, incluidas las interferencias que puedan provocar un funcionamiento no deseado. iii English kFOR CANADIAN USERS i This Class B digital apparatus complies with Canadian ICES-003. kFOR EU USERS The symbol mark and recycling systems described below apply to EU countries and do not apply to countries in other areas of the world. Your SANYO product is designed and manufactured with high quality materials and components which can be recycled and/or reused. The symbol mark means that electrical and electronic equipment, batteries and accumulators, at their end-of-life, should be disposed of separately from your household waste. Note: If a chemical symbol is printed beneath the symbol mark, this chemical symbol means that the battery or accumulator contains a heavy metal at a certain concentration. This will be indicated as follows: Hg: mercury, Cd: cadmium, Pb: lead In the European Union there are separate collection systems for used electrical and electronic equipment, batteries and accumulators. Please, dispose of them correctly at your local community waste collection/ recycling centre.

Please, help us to conserve the environment we live in! SANYO FISHER Sales (Europe) GmbH Stahlgruberring 4, D-81829 München, Germany SANYO Electric Co., Ltd. 1-1, Sanyo-cho, Daito City, Osaka 574-8534, Japan kFOR RUSSIAN USERS This product is certified by an official certification company which is authorized by the Russian Federation. English iv HOW TO READ THIS MANUAL This instruction manual for your camera is organized into the following sections. k SETUP Before taking pictures with your camera, you will need to familiarize yourself with a few of its functions and complete some setup steps.

k BASIC OPERATION An explanation of the fundamental operation for capturing images and viewing images. k APPENDICES The camera specifications are found here. k Symbols used in this manual HINT CAUTION (page xx) Points giving some extended instructions or special points to pay attention to. Points that require special attention. Refer to the page indicated for detailed information.

You may find the answers to questions or problems concerning camera operation in the ADVANCED INSTRUCTION MANUAL. kHow to view the "INSTRUCTION MANUAL: ADVANCED" and "SANYO Software Pack INSTRUCTION MANUAL" files 1 Insert the CD-ROM (SANYO Software Pack) that was included with your camera in your computer's CD-ROM drive. 2 Install the Adobe Reader 9 on your computer. 3 On the installation screen, click on "Instruction Manuals (PDF)". 4 Click on the desired instruction manual. v English SHOOT, PLAY BACK AND SAVE Install the battery pack 1 Use the supplied charger to charge the battery pack.



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h The CHARGE indicator is lit during charging. h The CHARGE indicator will turn off when the battery pack is fully charged. h Charging takes approximately 120 min. Battery pack charger Battery pack [o] mark CHARGE indicator To power outlet 2 Open the battery/card compartment cover, and insert the battery pack.

h The battery/card compartment cover is located on the bottom of the camera. h Press the ON/OFF button to turn the camera on. [o] mark ON/OFF button English vi SHOOT, PLAY BACK AND SAVE Before capturing those important shots, be sure to first take a test shot to confirm that your camera is set up and ready to go i Sanyo declines any claim for compensation for recorded contents etc. in case of photographing or recording failure due to a chance camera or card flaw. Shooting 1 Press the [m] button. h The recording mode menu appears. Single-shot High-speed sequential shots Sequential shots Video clip recording Shutter button [l] / [m] buttons PHOTOGRAPH 1 IMAGE 2 3 4 Press the [l] or [m] button to select the recording mode. Press the SET button. h The recording mode is indicated by an icon in the upper left area of the monitor. Press the shutter button.

Single-shot mode: A still image is captured. High-speed sequential shots mode/sequential shots mode: Shooting begins. Release the shutter button to discontinue shooting. Video clip recording mode: Recording begins. To stop recording, press the shutter button again.

6 s: Single-shot mode : High-speed sequential shots mode O: Sequential shots mode X: Video clip recording mode <Recording mode> vii English Playback kStill image playback ON/OFF button Playback button [=] 1 Press the playback button [=]. h The display switches to the Playback Screen. h To view other images, press the [l] or [m] button. h If the playback button [=] is pressed, the display returns to the Shooting Screen. kVideo clip playback 1 Press the playback button [=].

h The display switches to the Playback Screen. h Press the [l] or [m] button to display the video clip you wish to play back. @@Press the SET button. h Playback of the selected video clip begins. h If the playback button [=] is pressed again, the display changes to the Shooting Screen. [l] / [m] buttons 2 PLAY Video clip pattern <Video Clip Playback Screen> When you are finished taking pictures... Press the ON/OFF button to turn the camera off. English viii CONTENTS CONTENTS .

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.....

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### 1 CHECKING THE INCLUDED ACCESSORIES .....

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.....

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### ..... 3 Attaching the handstrap ..

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### .. 4 Media cards that can be used with this camera ...

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### 4 What "card" means in this manual .....

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... 4 Installing/removing the DC adaptor (Model VAR-A3: sold separately) ..

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.. 5 SETUP PARTS NAMES ...

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.....  
.....  
.....  
.....  
.....  
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.....  
.....  
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..... 6 CHARGING THE BATTERY PACK ...

.....  
.....  
.....  
.....  
.....  
.....  
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.. 8 Charging the battery pack .....

.....  
.....  
.....  
.....  
.....  
.....  
.....

..... 9 INSTALL THE BATTERY PACK AND CARD ..

.....  
.....  
.....  
.....  
.....  
.....

. 12 Installation ....

.....  
.....  
.....  
.....  
.....  
.....  
.....

.....  
.....  
.... 12 Warning concerning battery pack temperature .  
.....  
.....

.....  
.....  
. 13 TURNING THE CAMERA ON AND OFF ....  
.....

.....  
.....  
.....  
.....

. 14 Turning on the camera .....  
.....  
.....  
.....  
.....  
.....  
.....

.....  
14 Turning off the camera .....  
.....  
.....  
.....  
.....  
.....

.....  
.....  
.... 14 About the auto power off function .  
.....  
.....  
.....  
.....

.....  
. 15 DATE AND TIME SETTING ....  
.....  
.....

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
. 16 BASIC OPERATION BEFORE TAKING PICTURES ....  
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.....  
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i Note that the camera will turn off automatically if it continues to be used with the battery pack temperature elevated. 13 English TURNING THE CAMERA ON AND OFF Turning on the camera In the recording mode 1 Press the ON/OFF button. h The camera turns on. h The camera turns on in the recording mode that was active before it was last turned off. ON/OFF button In the playback mode 1 Press the playback button [=] for at least one second. h The Playback Screen appears on the monitor (pages 28 and 36). Playback button [=] Monitor Turning off the camera 1 Press the ON/OFF button. h The camera turns off. <If the camera was turned on by pressing the playback button [=]> h When the playback button [=] or ON/OFF button is pressed, the camera turns off. English 14 TURNING THE CAMERA ON AND OFF About the auto power off function In order to preserve battery pack power when, for example, the camera has accidentally been left on, the camera is furnished with an "auto power off" function by which the camera automatically turns off after a certain period of inactivity (about 1 minute during shooting or about 3 minutes during playback [factory default settings]). i If the auto power save function has operated to turn the camera off, press the ON/OFF button to turn it back on. i You can change the setting for the time elapsed before the camera automatically turns off.

i When the camera is connected to a computer or printer using the dedicated USB interface cable, the auto power save function is disabled, and the camera turns off after about 12 hours. HINT If the K icon appears... i When a picture is taken, the date and time it was captured is recorded with it. When the date and time cannot be recorded with the image because the date and time have not yet been set (page 16), the K icon appears. To have the date and time recorded with images, please make this setting before capturing images. 15 English DATE AND TIME SETTING The camera will record the date and time an image is captured so that you can display them during playback. Therefore, before capturing images, make sure the correct date and time are set. Example: To set the clock to 7:30 p.m. on December 24, 2009 1 Press the ON/OFF button to turn the camera on, and press the MENU button. h The Recording Menu appears. RECORDING MENU 1/2 RESOLUTION COMPRESSION FOCUS MODE EXP MEASURE ISO WHITE BALANCE OK 12M EXIT 2 3 Press the [o] button to select the 3 tab, and press the [m] button. h The Option Menu appears.

Press the [n] or [o] button to select "CLOCK SET", and press the SET button or the [m] button. h The Clock Set Screen appears. h The current date and time settings are shown. h Follow the procedures below to enable or disable the date display during playback, to set the display format for the date, and to set the date and time. h To return to the Option Menu, press the MENU button. 3 tab OPTION MENU 1/2 CLOCK SET STARTUP DISPLAY SOUND 1sec POST VIEW BRIGHTNESS 0 LANGUAGE OK EXIT CLOCK SET DATE TIME DISP OK 2009/02/01 12:00 Y/M/D English 16 DATE AND TIME SETTING 4 Set the date and time. 1 Press the [n] or [o] button to change the year indication. h You can press the [m] button to select the indication you wish to change. h Repeat these steps to select the month indication and day indication, and set the date to December 24, 2009. 2 Press the [m] button to select the time indication.

3 Press the [n] or [o] button to change the time setting. 4 Press the [m] button to select the Y/M/D indication. 5 Press the [n] or [o] button to change the displayed date order. CLOCK SET DATE TIME DISP OK CLOCK SET DATE TIME DISP OK CLOCK SET DATE TIME DISP OK 2009/12/24 12:00 Y/M/D 2009/12/24 19:30 Y/M/D 2009/12/24 19:30 Y/M/D h Press the [o] button to change the displayed date order as follows: Y / M / D M / D / Y D / M / Y DISP OFF h Press the [n] button to change it in the reverse order. 17 English 5 Press the SET button.

h The date and time setting is completed, and you are returned to the Option Menu. h The Option Menu is canceled when the MENU button is pressed. HINT i Under normal conditions, while the battery pack is being replaced, an internal battery will maintain the date and time settings. However, there is a small chance the settings may be lost. (The backup will last for about 7 days.)

) It is recommended to check that the date and time settings are still correct after replacing the battery pack and before shooting or recording of any type (follow steps 1 to 3). To correct the date and time settings i In step 4, select the indication that you want to change, and follow the procedure to change the indication. English 18 BASIC OPERATION BEFORE TAKING PICTURES Switching between the recording mode and playback mode Switch between shooting and playing. 1 2 Press the ON/OFF button to turn the camera on. ON/OFF button Playback button [=] Press the playback button [=]. @@Press the [m] button. h The screen to set the recording mode and the selftimer appears. Press the [m] button to select the recording mode. Press the SET button. h The selected recording mode is set.

@@Press the SET button. @@@@Press the MENU button for at least 1 second. h The monitor brightness menu appears. Press the [n] and [o] buttons to adjust the brightness. Press the MENU button. @@Where is the image data saved? @@@@Taking pictures in backlight conditions... @@@@Switching the guidance display ON/OFF i Press the [l] button. @@i When the optical zoom is used or when the autofocus is operating, the image may appear to waver, but this is not a malfunction.

23 English CAPTURING AND PLAYING BACK STILL IMAGES There are two modes for capturing still images. In the single-shot mode, one image is captured each time the shutter button is pressed. In the sequential shots mode, when you press the shutter button, several successive images are captured. @@Rest your finger on the shutter button. @@@@You can use them as a 1/2 reference when shooting. If the motion alert icon appears... @@@@h Shooting sequential shots begins. @@no. of shots Approx. 3 shots Approx. 4 shots Approx. 7 shots Approx. 11 shots Approx. 22 shots Approx. 121 shots <High-speed sequential shots mode> Resolution z Max. no. of shots Approx. @@@@Can the self-timer and/or flash be used? @@i The following scene functions cannot be set.

@@@h The image most recently captured appears on the monitor. View other images. h Press the [l] or [m] button to display the previous or next image. To display the previous image: Press [l]. To display the next image: Press [m]. h To return to the Shooting Screen, press the playback button [=]. @@HINT For still images with voice memo (pages 40 and 41)... @@Press [W] ([P]) on the zoom switch. h The 9-image display appears. Select the image to play back. h Press the arrow buttons to move the orange frame to the desired image, and press the SET button. Instead of pressing the SET button, you can press [T] ([J]) on the zoom switch to show the image full screen.



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h If [W] ([P]) on the zoom switch is pressed while the 9-image display is shown, the display changes to the 20-image display.

Zoom switch [W]/[T] 3 SET button Arrow buttons Video clip Still image Orange frame 100 0001 0004 0007 Audio recording Folder number 0002 0005 0008 0003 0006 0009 Image number 29 English Folder playback A convenient way to search through multiple folders, or to search for an image that was recorded using Screen Capture. 1 2 Access the 9-image display screen (page 29). Press [W] ([P]) on the zoom switch 2 times. h The screen to select the playback folder appears. h If [T] ([I]) on the zoom switch is pressed, the camera changes to the 20-image display (page 29).

OK SELECT FOLDER 1 2 3 100SANPH 101SANPH 102SANPH SELECT 3 Select the desired folder, and press the SET button. h The first image in the selected folder is displayed. h At this time, if you press [W] ([P]) on the zoom switch, the images in the selected folder are shown in the 9-image display.

English 30 CAPTURING AND PLAYING BACK STILL IMAGES Magnifying (zooming in) the image 1 2 Display the image that you want to magnify. Press [T] ([I]) on the zoom switch. h Magnification is enabled. h The image is magnified, and the central portion of image is displayed. h Press the arrow buttons to view different parts of the magnified image. To magnify: Magnification increases with each press of [T] ([I]) on the zoom switch. To go back: Magnification decreases with each press of [W] ([P]) on the zoom switch.

h Press the SET button to return to the normal (100%) view. 122% 111% Press shutter to save 100% Move HINT The magnified portion of the image can be saved as a separate image i Press the shutter button. The magnified portion is saved as a new still image. 31 English Zoom jump playback You can magnify a portion of a still image to check the accuracy of the focus. 1 2 Display a still image to view using zoom jump playback. Press the SET button. h The image is magnified. h If the magnified view appears to be in focus, then the overall image will be in focus. Press the arrow buttons to move to the part you wish to magnify, and press [T] ([I]) on the zoom switch. h The displayed area is further magnified.

To magnify further: Magnification increases with each press of [T] ([I]) on the zoom switch. To go back: Magnification decreases with each press of [W] ([P]) on the zoom switch. h Press the SET button again to return to the normal size (100%) screen. Zoom switch [W]/[T] 3 SET button Arrow buttons 1250% Press shutter to save Move 100% English 32 CAPTURING AND PLAYING BACK STILL IMAGES Deleting files You can delete files if you no longer need them. You can delete the files one at a time, or all at once.

1 To delete files from the card, perform the delete procedure with the card installed in the camera. To delete files from the camera's internal memory, remove the card before performing the delete procedure. Set the camera to the playback mode, and press the [n] button. h The Delete Screen appears. ALL FILES: Deletes all the files.

1 FILE: Deletes one file at a time. 2 DELETE ALL FILES 1 FILE DELETE Zoom I/O 3 Delete the files. @@2 Press the [n] or [o] button to select "ALL FILES". 3 Press the SET button. h The Delete Confirmation Screen appears. @@@@2 Press the [n] or [o] button to select "1 FILE". h There is no confirmation screen when deleting single files. @@@3 Press the SET button. h The currently displayed file is deleted. h To delete other files, repeat steps 1 to 3.

@@@@Press the shutter button. h Video clip recording begins. @@@@End the recording. @@@@h The video clip just recorded appears on the monitor. @@Press the SET button. h Video clip playback begins. @@Stop playback Pause To extract a still image To play back one image at a time (singleframe step) Slow playback Forward Reverse Forward Reverse Do this During playback, press the [o] button. During playback, press the SET button. During accelerated or slow playback, press the [n] button. While playback is paused, press the shutter button.

While playback is paused, press the [m] button. While playback is paused, press the [l] button. While playback is paused, press and hold the [m] button. While playback is paused, press and hold the [l] button. During forward playback, press the [m] button.

iThe playback speed changes each time the [m] button is pressed, as follows: Normal playback 2× 5× 10× 15× Press the [l] button to resume normal playback speed. During forward playback, press the [l] button. iThe playback speed changes each time the [l] button is pressed, as follows: 15× 10× 5× Press the [m] button to resume normal playback speed. Press the SET button. Louder: During playback, press [T] on the zoom switch.

Softer: During playback, press [W] on the zoom switch. Forward To accelerate playback Reverse Return to normal playback speed Adjusting the volume 37 English When you are finished viewing video clips... i Press the ON/OFF button to turn the camera off. CAUTION How to save one frame from a video clip as a still image 1 Play back the video clip. Pause the playback at the point you wish to "snap" a photo. 2 Press the shutter button. i The currently displayed frame is saved as a still image. The data for a video clip is very large i Therefore, be aware that if the video clip is uploaded to a computer to be played back, the computer may not be able to play back the video fast enough, making it appear jerky.

(The video will always be displayed properly on the camera monitor.) If video clip recording stops even when there is card memory remaining... i Depending on the card you are using, recording may stop even if there is remaining memory in the card. i For video clip recording, it is recommended that a high-speed memory card be used. If no audio is heard... i The audio is not played back when the video clip is played back in the frame-by-frame, slow playback, fast playback or reverse playback mode.

During video clip playback, the sound of a motor is audible... i During recording, the sound of the optical zoom movement or autofocus movement was recorded. This is not a malfunction.

Does video clip playback stop when you adjust the volume? i If you adjust the volume during video clip playback, the playback may temporarily pause. This is not a malfunction. English 38 USING THE SCENE FUNCTION You can select from a variety of preset settings (aperture, shutter speed, etc.) for specific shooting conditions. 1 Set the camera to the recording mode (page 19), and press the SCENE button.

h The screen to select a scene function appears. AUTO Use auto settings 2 Use the arrow buttons to select the desired setting. <Example: In the singleshot mode> Recording mode setting s m m m m O m m X m m <Features of each scene function> Scene function X Auto Y Sports G Portrait \ Landscape ] Night view portrait n Smile detection H Fireworks Features The camera makes the optimum settings.



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Zoom switch [W]/[T] Monitor When both optical and digital zoom are enabled Zoom bar Pointer 3 Optical zoom Digital zoom (yellow) When optical zoom only is enabled English 46 OTHER RECORDING FUNCTIONS HINT Can't access the digital zoom? i The digital zoom cannot be used when the face chaser r, smile detection n or portrait mode G scene function is active, or the focus mode is set to AF seeker p. Can't access the optical zoom? i When the focus range is set to pan o or during video clip recording, the optical zoom cannot be used. 47 English Flash setting The flash is used not only for taking pictures where there is insufficient light, but also when the subject is in shade or in backlight conditions. Your camera's flash has four modes of operation (auto mode, forced flash mode, flash off mode and red-eye reduction mode). Select the flash mode that is appropriate for the surrounding conditions. The flash can be enabled only when taking single-shot still images. 1 Set the camera to the single-shot mode (page 20), and press the [n] (?) button. h The flash menu appears. [n] (?) button k: The camera will detect the subject brightness and use the flash only when required.

In a backlight situation, if only the center of the image is very dark, the flash will operate to compensate (auto). m: The flash will operate with every image captured regardless of the conditions. Use this setting under backlight conditions, when the subject is in shade, under fluorescent lighting conditions, etc. (forced flash). FLASH l: The flash will not operate even in AUTO dark situations. Use this setting when capturing an image in a location where flash photography is prohibited, or when shooting a night landscape Flash menu scene (flash off). J: The digital camera will detect the subject brightness and use the flash only when required. At this time the flash will operate in a manner that reduces the red reflection ("red-eye") in the subject's eyes (red-eye reduction). English 48 OTHER RECORDING FUNCTIONS 2 3 Press the [n] or [o] button to select the desired flash mode, and press the SET button. Press the shutter button.

h The picture is snapped and the flash operates according to the selected mode. HINT When auto is selected... i The k icon indicating the flash setting is not shown on the Shooting Screen.

When auto or red-eye reduction is selected... i When the shutter button is pressed, if the camera determines that the flash is necessary, a k or J icon appearing on the monitor indicates that the flash will operate. 49 English Self-timer Self-timer photography is available in the single-shot mode.

1 Set the camera to the single-shot mode (page 20), and press the [m] ( ) button. h The self-timer menu appears. y: The image is captured about 2 seconds after the shutter button is pressed. x: The image is captured about 10 seconds after the shutter button is pressed. [m] ( ) button 2 Use the [n] and [o] buttons to select the desired self-timer setting, and press the SET button. h The self-timer is set, and you are returned to the Shooting Screen. 1 PHOTOGRAPH 1 IMAGE Self-timer menu English 50 OTHER RECORDING FUNCTIONS HINT i The countdown time until shutter release is shown graphically on the monitor. F5.2 1/102 To pause or cancel the self-timer function..

. i If the shutter button is pressed again before the shutter is released, the self-timer countdown temporarily stops. Press the shutter button one more time to restart the self-timer. i To cancel self-timer photography, set the self-timer setting to off s. i After the self-timer picture is snapped, the self-timer is automatically reset to off. When x is selected... i When the shutter button is pressed, the self-timer indicator flashes for approximately 10 seconds, after which shooting begins. i About 3 seconds before shooting, the self-timer indicator flashes faster.

Self-timer indicator 51 English Focus range 1 Set the camera to the recording mode (page 19), and press the [o] (R) button. h The focus range menu appears. o: The focus operates within the ranges shown below (pan). <Still image shooting> i At maximum aperture setting: 2.5 m (8.

20 ft.) to i At minimum aperture setting: 2 m (6.56 ft.) to <Video clip recording> i Wide end: At maximum aperture setting: 80 cm (31.50 in.) to i At minimum aperture setting: 52 cm (20.47 in.) to i Tele end: At maximum aperture setting: 3.3 m (10.83 ft.) to At minimum aperture setting: 2.2 m (7.22 ft.) to \*: The camera automatically focuses on the subject within a range of 10 cm (3.94 in.

) (Wide end) or 60 cm (23.62 in.) (Tele end) to infinity (auto). +: You can focus on a subject within the following ranges (macro): Wide end: 5 cm (1.97 in.) to 80 cm (31.50 in.) Tele end: 60 cm (23.62 in.) to 80 cm (31.

50 in.) -: The focus can be manually set to any distance from 5 cm (1.97 in.) to 8 m (26.25 ft.), as well as to infinity (manual). [o] (R) button FOCUS AUTO Focus range menu English 52 OTHER RECORDING FUNCTIONS 2 Press the [n] or [o] button to select the desired focus range, and press the SET button. h The specified focus range is set, and the camera returns to the Shooting Screen. HINT i In the single-shot mode and sequential shots mode, when the focus range is set to macro +, the zoom is automatically set to one step from the wide end. When the focus range is set to pan o, the zoom is automatically set to the Wide end.

53 English How to use the manual focus 1 Select manual - from the focus range menu, and press the SET button. h The focus distance adjustment bar appears. 2 70cm Press the [l] or [m] button to adjust the focus distance, and press the SET button. h The focus distance is set, and you are returned to the Shooting Screen. HINT About the focus range i The focus distance indication shows the distance between the lens surface and the subject. i In some cases there may be a slight variance between the distance (numerical figure) you set in the manual focus mode and the actual distance. Use the monitor to confirm the focus and compose the photo. About zoom movement when using the manual focus i If the focus distance is set to 50 cm (19.69 in.) or less, the zoom changes to the largest setting that is suitable for that focus distance.

i When the focus distance is set to 50 cm (19.69 in.) or less, the zoom will function only within the range at which the image is focused. English 54 APPENDICES SPECIFICATIONS Camera Image file format Still images: JPEG format (DCF, DPOF, Exif 2.2 compliant) Note: Designed mainly by the Japan Electronics and Information Technology Industries Association (JEITA), DCF (Design rule for Camera File system) is standard for digital still camera image files to provide interoperability between digital photography devices for the images stored on removable memory cards. However, it is not guaranteed that all devices will support the DCF standard. @@@@ (Maximum approx.



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2 seconds when the scene function is set to fireworks Hetc.) (During flash: 1/30 to 1/1,500 sec.) Sequential shots mode: 1/2 to 1/1,500 sec. Video clip recording mode: 1/30 to 1/2,500 sec. Single-shot mode/sequential shots mode (standard output sensitivity): Auto (ISO64 to 400)/ISO64, ISO100, ISO200, ISO400, ISO800, ISO1600, and ISO3200 (switchable from Recording Menu) Video clip recording mode: Auto (ISO384 to 2400)/ISO384, ISO600, ISO1200, ISO2400, ISO4800 (switchable from Recording Menu) \* Sensitivity measured in compliance with the ISO standard (ISO 12232:2006). 3.0× optical zoom lens English 56 SPECIFICATIONS Monitor 2.7-inch (6.9 cm) TFT color LCD Approx. 230,000 pixels (Frame coverage: Approx. 100%) Brightness adjustment: 5-step GN = 5.2 Approx. 60 cm (23.62 in.) to 3.3 m (10.83 ft.) (Wide) Approx. 60 cm (23.62 in.) to 1.7 m (5.58 ft.)

) (Tele) Auto-flash, forced flash, flash off, red-eye reduction TTL-type AF (9-point range finder/spot focus/AF seeker), manual focus (14 steps) Approx. 2-second delay, 10-second delay 0 to 40°C (32 to 104°F) (operation), 20 to 60°C (4 to 140°F) (storage) 30 to 90% (operating, no condensation) 10 to 90% (storage, no condensation) Lithium-ion battery pack (DB-L80) × 1 92.8 (W) × 55.2 (H) × 17.0 (D) mm 3.65" (W) × 2.17" (H) × 0.67" (D) Approx. 98 g (3.46 oz.) (camera only [without battery pack and card]) Approx. @@@@ @30 min. 6 hr. 54 min. 36 sec. 22 min. 20 sec. 2 min. 46 sec. 1 hr. 43 min. 1 hr. 51 min. 68 hr. 50 min. 99 hr. 50 min. i Up to 9 hours of continuous audio recording is possible. @4 GB. i The values were determined using an SD Memory Card by Sandisk.

i Even with cards of the same capacity, the amount of data that can actually be stored may differ depending on the card brand, etc. i The continuous shooting time for each video clip will differ depending, for example, on the card capacity, environmental conditions (temperature and shooting conditions, etc.). 59 English Supplied battery pack charger Part No. Power source Rated output Compatible batteries Ambient environment Dimensions Weight (without power cord) VPC-X1200 Power cord rated value VPC-X1200EX Temperature Humidity VAR-L80 AC 100 to 240 V, 50 to 60 Hz, 5 W DC 4.2 V, 550 mA Supplied or separately sold Lithium-ion battery pack (DB-L80) 0 to 40°C (32 to 104°F) (recharge), 20 to 60°C (4 to 140°F) (storage) 20 to 80% (no condensation) 84 (W) × 22.5(H) × 50.5 (D) mm 3.31" (W) × 0.89" (H) × 2.00" (D) Approx. 49 g (1.73 oz.) AC 125 V, 7 A AC 250 V, 2.5 A i The VPC-X1200GX model is supplied with a power cord that is appropriate for the region of destination.

i When using the supplied battery pack charger abroad, the power cord may need to be replaced in accordance with local requirements. Please contact your local dealer for details. Supplied Li-ion battery pack Model number Voltage Capacity Ambient Temperature environment Humidity Dimensions Weight DB-L80 3.7 V 700 mAh 0 to 40°C (32 to 104°F) (during use) 10 to 30°C (14 to 86°F) (storage) 10 to 90% (no condensation) 39.2 (W) × 5.9 (H) × 31.4 (D) mm 1.54 (W) × 0.23 (H) × 1.24 (D) in. Approx. 15 g (0.5 oz.) English 60 SPECIFICATIONS Others Mac OS and QuickTime are trademarks of Apple Inc., registered in the U.

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Also, actual specifications are subject to change without prior notice and therefore may differ from the contents of this manual. 61 English Before capturing those important shots, be sure to first take a test shot to confirm that your camera is set up and ready to go i Sanyo Electric shall not be held responsible for any problems resulting from the use of this camera. i Sanyo Electric declines all responsibility for damages due to improper use of the camera, failure to adhere to the instructions given in this manual, or repairs or changes done by those other than a technician authorized by the manufacturer. i Sanyo Electric shall not be held responsible for any damage caused by optional devices or consumable items used with the camera other than those supplied with the camera or those specified by Sanyo Electric. i 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 camera.

i The images captured with this camera will differ in quality from pictures taken with a standard film camera. English 62 SANYO Electric Co., Ltd. .



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