



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for SANYO VPC-CG9. You'll find the answers to all your questions on the SANYO VPC-CG9 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-CG9
User guide SANYO VPC-CG9
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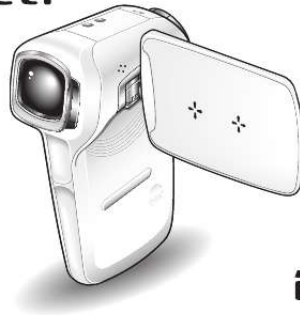
SANYO

INSTRUCTION MANUAL

VPC-CG9EX
VPC-CG9
VPC-CG9GX

Digital Movie Camera

Xacti



Important note

This manual explains how to safely operate the VPC-CG9EX, VPC-CG9 and VPC-CG9GX.
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.



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Manual abstract:

@@@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 sections "COMMONLY ASKED QUESTIONS" (page 180) and "TROUBLESHOOTING" (page 187). i English SHOOT, PLAY BACK AND SAVE Prepare the battery pack 1 Charge the battery pack. The CHARGE indicator shows the battery pack charge status. h Lights red during recharging. h Turns off when battery pack is fully charged. h The charging time is approx. 90 minutes. CHARGE indicator [o] mark Battery pack Socket CHARGE indicator Power cord 2 Insert the battery pack.

2Insert the battery pack 1Open 3Close English ii 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 Open the monitor unit, and press the ON/OFF button for at least 1 second to turn the camera on. h If the screen to set the date and time appears, press the MENU button 2 times to cancel it. For how to set the date and time, see page 32. Record. To record a video clip:] button to h Press the [begin recording a video clip. h Press the [] button again to end the recording. To take a photo:] button. h Press the [h A still image is captured.

[Monitor unit [] button] button 2 ON/OFF button MENU button 668 01:17:32 <Shooting Mode Screen> iii English Playback 1 Press the REC/PLAY button. h The display changes to the Playback Screen and the image that was just captured is shown. Toggle the SET button to the left or right to display the image you wish to see. <Video clip playback> h Video clips are indicated by a video clip pattern along the left and right sides of the screen. h Press the SET button to start video clip playback. <To return to the shooting mode> h Press the REC/PLAY button. REC/PLAY button 2 SET button SAVE PLAY Video clip pattern <Example: After recording a video clip> When you are finished using the camera... Press the ON/OFF button for at least 1 second to turn the camera off.

English iv SHOOT, PLAY BACK AND SAVE Copy files to the computer (Windows XP) Connect your camera to a computer, and copy files to the computer. 1 2 Turn on the computer, and use the supplied dedicated USB interface cable to connect your camera to the computer. h Connect the cable between the camera's USB/AV terminal and the computer's USB connector. Turn on the camera (page 29). h The USB Connection Screen appears on the camera's monitor. SET button To USB/AV terminal on the camera Supplied dedicated USB interface cable USB CONNECTION COMPUTER PRINTER CANCEL To USB connector on the computer CANCEL OK 3 Select "COMPUTER", and press the SET button. h The screen to select the computer connection mode appears. v English 4 Select "CARD READER", and press the SET button. h The message [Found New Hardware] appears in the task tray, showing that the camera is recognized as a drive. h The card is recognized (mounted) as a disk, and the [XACTI_INT (E:)] icon appears in the [My Computer] window. * The drive name (E:) may be different on your computer. <If the access menu (page 168) appears> h Click on [Exit] to cancel the access menu. Select an action. h If the [XACTI_INT (E:)] window appears automatically, select the desired procedure from the window. 5 Dismounting the camera CAUTION i To disconnect your camera, be sure to follow the procedure below.

Failure to follow this procedure may cause faulty operation of your computer or corrupt the files in your camera. 1 Left-click on the icon for safely removing hardware in the task tray. h A list appears showing the devices connected to the computer's USB connector. <Windows Vista> h Close the window. Left-click on the camera drive (E:).

h The camera can now be disconnected. * The drive name (E:) may be different on your computer. 2 No software is included with this camera. Instructions for obtaining the software can be found on page 167. English vi CONTENTS CONTENTS

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From creating precisely the photo you want, to viewing images using various techniques, you can locate the exact operation for your purposes in the following table. Shooting/recording Basic operation Getting started shooting/recording · "VIDEO CLIP RECORDING" on page 60 · "SHOOTING SINGLE SHOTS" on page 61 · "Sequential shots" on page 80 · "Audio recording" on page 81 Convenient functions Log the date and time of your photos · "DATE AND TIME SETTING" on page 32 Additional functions For more accurate focus · "How to use the manual focus" (manual focus) on page 94 Zoom in on the subject · "MACROPHOTOGRAPHY (ZOOM)" on page 67 Set the focus to a narrow range · "FOCUS MODE" on page 95 Close-up photography · "Select the focus setting" (super macro mode) on page 57 · "FOCUS RANGE" (super macro mode) on page 93 Reduce noise when recording · "NOISE-REDUCTION FUNCTION" on page 137 Optimize the photo quality · "Select the recording size" on page 56 · "RECORDING SIZE" on page 78 Reduce video clip flicker · "FLICKER-REDUCTION" on page 139 Set the camera's color/contrast characteristics · "ADJUST THE IMAGE QUALITY" on page 138 7 English Shooting/recording Basic operation Convenient functions Additional functions Capture fast-moving subjects · "SCENE SELECT" (sports mode) on page 84 Suppress camera shake effect · "Compensate for camera shake during video clip recording" on page 90 · "Compensate for camera shake during still image shooting" on page 90 Shoot in dark conditions · · · · "EXPOSURE COMPENSATION" on page 104 "Using the flash" on page 63 "FLASH OPERATION" on page 87 · "SCENE SELECT" (night view portrait mode/fireworks mode/lamp mode) on page 84 Increase the camera's sensitivity · "ISO SENSITIVITY" on page 97 · "HIGH SENSITIVITY MODE" on page 101 Photographing people · "SCENE SELECT" (portrait mode/night view portrait mode) on page 84 · "FILTERS" (cosmetic filter) on page 86 Sharp face shots · "FACE CHASER" on page 100 Simplified operation for shooting/playback · "Switching between the SIMPLE and NORMAL modes" on page 36 English 8 QUICK SEARCH BY OPERATION Shooting/recording Basic operation Convenient functions Additional functions Photographing landscapes · "SCENE SELECT" (landscape mode) on page 84 Take a self-photo · "SELF-TIMER" on page 88 Make images lighter or darker · "EXPOSURE COMPENSATION" on page 104 · "HIGH SENSITIVITY MODE" on page 101 Measure the brightness of a specific area · "LIGHT-MEASURING MODE SETTING" on page 96 Adjust the camera's sensitivity · "ISO SENSITIVITY" on page 97 Change the color of the images · "FILTERS" (monochrome filter/sepia filter) on page 86 Make white appear natural · "WHITE BALANCE" on page 99 9 English Playback Basic operation Getting started viewing images · "PLAYING BACK VIDEO CLIPS AND STILL IMAGES" on page 68 Convenient functions Adjust the speaker volume · "PLAYBACK VOLUME" on page 72 Additional functions Change the angle of view · "ROTATE STILL IMAGE" on page 108 Search for image/ audio files · "Multi-image display" on page 75 · "Selecting the playback folder" on page 76 Magnify an image · "Magnifying (zooming in) the image" on page 77 · "Audio playback" on page 82 Adjust the speaker volume · "PLAYBACK VOLUME" on page 72 Continuous playback · "SLIDESHOW PLAYBACK" on page 71 and 105 Adjust the monitor brightness · "MONITOR BRIGHTNESS" on page 140 Playback on a TV · "PLAYING BACK ON A TV" on page 156 Set the TV system · "CONNECTING TO A TV" on page 155 and "PLAYING BACK ON A TV" on page 156 English 10 QUICK SEARCH BY OPERATION File managing/processing Basic operation Convenient functions Additional functions Search for image/audio files · "Multi-image display" on page 75 · "Selecting the playback folder" on page 76 Delete files · "DELETING FILES" on page 73 Protect files from accidental erasure · "FILE PROTECT" on page 107 Format a card · "FORMATTING A CARD" on page 148 Delete a part of a video clip and join video clips · "EDITING VIDEO CLIPS" on page 112 Specify the number of prints, index print, and date imprint · "PRINTING INSTRUCTIONS" on page 120 Repair the "red-eye" caused by the flash, or enhance the contrast · "CORRECTING THE RED-EYE EFFECT AND IMAGE BLUR" on page 110 View the settings that were in effect when the image/audio files were recorded ·

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13 English i Quick Guide i Obtaining the PDF instruction manual and cautions English 14 CHECKING THE INCLUDED ACCESSORIES k How to attach the lens cap 15 English <When used with a commercially available handstrap> English 16 CHECKING THE INCLUDED ACCESSORIES Media cards that can be used with this camera The type of card that can be inserted into and used with this camera is: i SD Memory Card i SDHC Memory Card What "card" means in this manual i In this manual, SD Memory Cards and SDHC Memory Cards that can be used in this digital camera are referred to as "card". 17 English GETTING THE MOST OUT OF YOUR CAMERA As well as photographing still images and recording video clips, your digital movie camera can even capture still images while you're recording a video clip. In one compact body you get sophisticated but easy-to-use features such as the "SIMPLE mode" that gives you beautiful images with a minimum of setup, an image stabilizer that suppresses the effects of camera shake during shooting, "face chaser" for perfectly focused faces, and more.

SIMPLE mode for quick-and-easy operation (page 36) Select from two operating modes: the "SIMPLE mode" for users new to the camera, and the "NORMAL mode" for full use of all the camera's many features and functions. Select movie and photo size S N OK RECORDING MENU 1 MOVIE PHOTO SCENE SELECT 1 FILTER 2 FLASH 3 SELF-TIMER SN EXIT OK 1 2 3 <SIMPLE Mode Shooting Menu> <NORMAL Mode Shooting Menu> English 18 GETTING THE MOST OUT OF YOUR CAMERA Movie image stabilizer for sharp pictures (page 90) Your camera can compensate for the camera shake that results in blurry images when you try to capture a fast-moving subject or zoom in on a subject. Sharp faces (page 100) Your camera is equipped with a face recognition feature which detects the subject's face even when slightly lit from behind or in dim surroundings and automatically adjusts the focus and brightness to compensate. Now those otherwise perfect photos that are marred by shadowed faces can be minimized. 19 English SYSTEM MAP You can connect the camera to various devices to expand its capabilities.

Internet Computer Dedicated USB interface cable Printer Dedicated AV interface cable TV DC adaptor (Optional) AC adaptor (Optional) i Card reader i DPOF-compatible printer i Photo shop Commercially available SD Memory Card English 20 SETUP SETUP PARTS NAMES Front Flash Lens Strap holder Speaker Stereo microphone ON/OFF button Monitor unit To open 21 English Rear REC/PLAY button Zoom switch [T]/[] [W]/[P] SETUP [] button MENU button Multi-indicator Monitor [] button SET button Card slot cover Bottom Tripod stand hole USB/AV terminal English 22 CHARGING Please charge the supplied battery pack before using it. 1 Insert the battery pack in the battery charger. h Insert it in the direction indicated by the [o] mark on the battery pack. Connect the supplied power cord to the socket on the battery pack charger. h Insert the connector straight and securely. Plug the power plug into a power outlet (AC 100 V to 240 V). h Charging begins. h During charging, the CHARGE indicator is lit red. h The charging time is approx. 90 minutes.

When the CHARGE indicator turns off, unplug the power cord from the power outlet, and remove the battery pack from the charger. CHARGE indicator [o] mark Battery pack Socket To power outlet 2 Power cord CHARGE indicator 3 4 CAUTION Do not charge the battery pack immediately after the camera has been in continuous use for a long time i The battery pack becomes hot when the camera is used continuously for a long time. If you attempt to charge the battery pack in this state, the CHARGE indicator may flash red and it may not be possible to charge the battery pack. Wait until the battery pack has cooled down before attempting to charge it. 23 English INSTALL THE CARD The card can be used after it has been formatted with the camera (page 148). 1 Open the card slot cover. Card slot cover SETUP 1 Release from the bottom end. 2 Pull gently, and rotate. 2 Insert the card. h Firmly insert the card until it clicks into place.

SD Memory Card Card slot English 24 INSTALL THE CARD 3 Close the card slot cover. <When removing the card...> h To remove the card, press it down, and then release.

The card will protrude slightly, and you can then pull it out. 1 Open 2 Push 3 Pull out CAUTION Do not attempt to forcibly remove the card i Never remove the card when the multi-indicator is flashing red. In doing so, you risk losing the data stored in the card. HINT Shooting without a card installed i When a card is installed, images are recorded to and played back from the card. When no card is installed, images are recorded to and played back from the camera's internal memory.

When the camera is turned on with no card installed, the internal memory icon is shown on the monitor to let you know that the images you capture will be saved to the camera's internal memory. 25 English INSTALLING THE BATTERY PACK Please charge the supplied battery pack before using it. 1 Open the battery cover. 1 Push down and slide out. 2 Open SETUP Battery cover 2 Insert the battery pack. h Take care that it is positioned correctly. 1 Align 2 Insert Battery pack English 26 INSTALLING THE BATTERY PACK 3 Replace the battery cover. <To remove the battery pack...

> i Raise the edge of the battery pack to remove it. Push Installing the DC adaptor (sold separately: VAR-A2U/A2EX) 4 Close 3 Set in groove 1 Insert 2 Open AC adaptor (sold separately: VAR-G8U/G8EX) 27 English CAUTION Does the battery pack appear swollen? i The lithium-ion battery used in this camera may expand slightly when stored in a hot environment or repeatedly used, but this is not a safety hazard. HINT About the internal backup battery i This camera's internal battery serves to maintain the date and time settings, as well as the shooting settings. The backup battery will be fully charged when the battery pack is kept in the camera continuously for about 2 days. In the fully charged state, the backup battery will maintain the camera settings for about 7 days. When not using the camera for a long time, remove the battery pack i A small amount of power is still used even if the camera is turned off, and it is therefore recommended that the battery pack be removed from the camera if it is not going to be used for a long time. Note that when the battery pack is removed for a long period, the time and date settings may be cleared. Before using your camera again, be sure to confirm that the camera settings are correct. To prolong the life of the battery pack i Although the battery pack is an expendable item, you can maximize the life of the battery by heeding the following suggestions.



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h Do not leave the battery under the hot summer sun or exposed to other high-temperature environments.

h Do not continually recharge the battery when it is already fully charged. After fully charging it once, for example, use it for a while to partially discharge it before recharging it again. h When the battery is not to be used for a long time, if possible store the partially charged (not fully charged) battery in a cool environment. SETUP Warning concerning battery pack temperature i If the battery pack in the camera becomes too hot, a blinking temperature warning icon will appear on the monitor. If the blinking icon does appear, the camera should be turned off as soon as possible and the battery pack allowed to cool before the camera is turned on again.

i Note that the camera will turn off automatically if it continues to be used with the battery pack temperature elevated. i If you attempt to turn on the camera when the battery pack temperature is too high, the temperature warning icon will blink and the camera will not turn on. English 28 TURNING THE CAMERA ON AND OFF Turning on the camera 1 Open the monitor unit, and press the ON/OFF button for at least 1 second. h The camera turns on. h If the date and time have not been set, the screen to set the date and time is shown on the monitor (page 32).

*Monitor unit REC/PLAY button 1 Press the REC/PLAY button for at least one second. h The Playback Screen appears on the monitor (page 68). h Pressing the REC/PLAY button again will change the display to the shooting screen. ON/OFF button 29 English Turning off the camera when the power save (sleep) mode is active In order to preserve battery pack power, the power save (sleep) function will automatically turn off the camera after 1 minute of no use during shooting, or 5 minutes of no use during playback (factory-preset setting). i When the power save mode is active, you can restore the power by any of the following methods: h Press the REC/PLAY button. h Press the ON/OFF button. h Press the [] or [] button. h Press the SET or MENU button. h Push the zoom switch. * When the MENU button is used to turn on the camera, the screen to set the operation sounds (page 132) appears.*

i After the power save mode has been active for about 1 hour, the camera will switch to the standby mode. In this case, you can restore the power by pressing the ON/OFF button, or by closing and then opening the monitor unit. i The user can specify the time elapsed before the power save mode is activated (page 143). i When the camera is connected to a computer or printer, the power save mode becomes active after about 12 hours. SETUP Turning off the camera 1 Press the ON/OFF button for at least 1 second. h The camera turns off. English 30 TURNING THE CAMERA ON AND OFF HINT To immediately activate the power save mode i Press the ON/OFF button briefly to activate the power save function. About the standby mode i To turn off the camera only briefly, you can close the monitor unit to put the camera in the standby mode. The standby mode uses almost no power. When the monitor unit is opened again, the camera turns on immediately and you are ready to shoot or view images without any delay.

If the date and time setting has been completed (page 32) i The current time is shown on the monitor when the camera is turned on. CAUTION If the K icon appears... i When a picture is taken, the date and time it was captured are recorded with it.

If the date and time settings have not been completed (page 32), the date and time cannot be recorded with the captured images. For this reason, immediately after the camera is turned on, the "Set date and time" reminder briefly appears, after which the K icon is shown on the Shooting Screen. To have the date and time recorded with the images, please complete this setting before capturing images. 31 English DATE AND TIME SETTING The camera will record the date and time an image or audio recording is taken so that you can display them during playback. Therefore, before capturing images, make sure the correct date and time are set.

** To correct the date and time setting, please see under HINT on page 34. Example: To set the clock to 7:30 p.m. on December 24, 2008 1 Turn on the camera (page 29), and press the SET button. h The Clock Set Screen appears. 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 display the Recording or Playback Screen, press the MENU button 2 times. SET button MENU button SETUP CLOCK SET DATE TIME DISP OK 2008/04/01 00:00 Y/M/D English 32 DATE AND TIME SETTING 2 Set the date. 1 Select "DATE". 2 Press the SET button.*

h The Set Date Screen appears. 3 Set the date to "2008/12/24". h The date is set in the following order: Set the year Set the month Set the day. h Toggle the SET button left or right to select year, month or day. Toggle the SET button up or down to increase or decrease the number. 4 Press the SET button. Set the clock. 1 Select "TIME". 2 Press the SET button. h The Set Time Screen appears.

3 Set the time to "19:30". h The time is set in the following order: Set the hour Set the minute. h A 24-hour clock is used for the time display. 4 Press the SET button. CLOCK SET DATE 2008/12/24 OK 3 CLOCK SET TIME 19:30 OK 33 English 4 Set the order in which the date is displayed during playback. 1 Select "DISP". 2 Press the SET button. h The Set Date Format Screen appears. 3 Toggle the SET button up or down. h Toggle the SET button up to change the displayed date order as follows: Y/M/DM/D/YD/M/Y CLOCK SET DISP Y/M/D OK SETUP Toggle the SET button down to change it in the reverse order. 4 Press the SET button. 5 Press the MENU button. h The date and time setting is completed. h To display the Recording or Playback Screen, press the MENU button. HINT About the settings backup 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 step 1). To correct the date and time settings 1 Turn on the camera. 2 Display the Option Setting Menu [E1] (page 129). 3 Select "CLOCK SET" and press the SET button.

h The screen to set the date and time appears. h The current date and time settings are shown. 4 Select the line you wish to change, and make the correction. English 34 SWITCHING BETWEEN THE SHOOTING MODE AND PLAYBACK MODE Switch between the shooting mode (for recording) and the playback mode (for viewing your recorded images). 1 2 Turn on the camera (page 29).



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Press the REC/PLAY button. h The mode changes. h The mode changes each time the REC/PLAY button is pressed. REC/PLAY button 668 01:17:32
<Example of the shooting mode> SAVE PLAY <Example of the playback mode> 35 English SWITCHING THE OPERATING MODE The "SIMPLE mode"
comprises only those functions that are most often used and necessary to operate the camera, while the "NORMAL mode" enables full use of all the camera's
many functions. Select the mode that is suitable for your purposes.

Switching between the SIMPLE and NORMAL modes SETUP 1 2 3 Turn on the camera (page 29). h The previous mode is active. Press the MENU button. h
The Menu Screen for the active mode appears. Select the operating mode icon , and press the SET button.

h Switch from the SIMPLE mode to the NORMAL mode, or from the NORMAL mode to the SIMPLE mode. h Press the MENU button to cancel the Menu
Screen. Switch to detailed normal menu S N OK Operating mode icon <SIMPLE Mode Menu Screen> 1 2 3 1 2 3 Switch to simple menu EXIT OK S N
Operating mode icon <NORMAL Mode Menu Screen> English 36 SWITCHING THE OPERATING MODE Accessing/exiting the SIMPLE/NORMAL Mode
Menu Screen 1 2 3 Set the camera to the shooting or playback mode (page 35). Select the desired operating mode (page 36). If the Menu Screen is not
displayed, press the MENU button.

h The Menu Screen appears. h To cancel the Menu Screen, press the MENU button. MENU button Switch to detailed normal menu S N OK <Example:
SIMPLE Mode Shooting Menu> 1 2 3 1 2 3 Switch to simple menu EXIT OK S N <Example: NORMAL Mode Shooting Menu> 37 English Using the SIMPLE
Mode Menu 4 Toggle the SET button up or down to select the item you wish to change, and press the SET button. h The Setting Screen for the selected item
appears. SETUP Select an item to change Description of selected item Select movie and photo size S N OK To watch on TV TV size 9M [4:3] OK <Setting
Screen> English 38 SWITCHING THE OPERATING MODE Using the NORMAL Mode Menu 4 Toggle the SET button up or down to select a tab. h The
Menu Screen for the selected tab appears. Tab RECORDING MENU 1 MOVIE PHOTO SCENE SELECT 1 FILTER 2 FLASH 3 SELF-TIMER SN EXIT OK 1
2 3 5 Toggle the SET button to the right. 1 2 3 RECORDING MENU 1 MOVIE PHOTO SCENE SELECT 1 FILTER 2 FLASH 3 SELF-TIMER EXIT OK 39
English 6 Toggle the SET button up or down to select the item you wish to change, and press the SET button. h The Setting Screen for the selected item
appears. h To return to the Menu Screen, press the MENU button.

Select an item to change SETUP 1 2 3 1 2 3 RECORDING MENU 1 MOVIE PHOTO SCENE SELECT FILTER FLASH SELF-TIMER EXIT OK Applicable
mode PHOTO 4000×3000 3456×2592 3456×2592 3456×1944 [16:9] 5M 1944×2592 OK <Setting Screen> HINT About the applicable mode indicator i
This indicator shows the shooting mode(s) for which the selected setting is effective. : This setting is effective during still image shooting. : This setting is
effective during video clip recording. : This setting is effective during still image shooting and video clip recording. English 40 SWITCHING THE
OPERATING MODE Overview of the SIMPLE Mode Setting Screen SIMPLE Mode Shooting Menu 1 2 3 4 S Select movie and photo size N OK 5 41 English 1
Recording size (page 56) h Select the video clip size to record, and the still image size to shoot. M 6 : The video clip size will be 640 × 480 pixels, and the still
image size will be 3456 × 2592 pixels. : The video clip size will be 320 × 240 pixels, and the still image size will be 640 × 480 pixels. 2 Focus range (page 57)
h Select the focus range that corresponds to the distance to the subject. 7: The camera automatically focuses on the subject within a range of 10 cm (3.94 in.
) to infinity (normal). 8: The camera focuses on a subject within a range of 1 cm (0.39 in.) to 80 cm (31.50 in.

) (super macro). 3 Flash (page 63) h Specify how the flash will operate. 9: The camera detects the subject brightness and uses the flash only when necessary.
:: The flash operates with every image captured regardless of the conditions. :: The flash does not operate even in dark situations.

(page 36) h Set to the NORMAL mode. 5 Remaining battery power indication (page 153) 4 SETUP English 42 SWITCHING THE OPERATING MODE
SIMPLE Mode Playback Menu 1 2 3 S N Start slideshow OK 5 4 43 English 1 Slideshow (page 71) h Specify the slideshow settings and play the slideshow. 2
Playback volume (page 72) h Adjust the volume for video clip and audio file playback. 3 Delete (page 73) h Delete files. 4 (page 36) h Set to the NORMAL
mode. 5 Remaining battery power indication (page 153) SETUP English 44 SWITCHING THE OPERATING MODE Overview of the NORMAL Mode Setting
Screen NORMAL Mode Shooting Menu <Tab 1> 1 2 3 RECORDING MENU 1 MOVIE PHOTO SCENE SELECT 1 FILTER 2 FLASH 3 SELF-TIMER EXIT
OK 1 2 3 4 5 6 7 45 English 1 Video clip settings (page 78) (: Record at 640 × 480 pixels, 60 frames per second.): Record at 640 × 480 pixels, 30 frames per
second (high bit rate). B: Record at 640 × 480 pixels, 30 frames per second (standard bit rate). l: Record at 320 × 240 pixels, 30 frames per second. d:
Record at 320 × 240 pixels, 15 frames per second.

<: Make an audio recording. 2 Still image settings (page 79) I: Image size is 4000 × 3000 pixels. J: Image size is 3456 × 2592 pixels (low compression). K:
Image size is 3456 × 2592 pixels (normal compression). Q: Image size is 3456 × 1944 pixels (16:9 aspect ratio). L: Image size is 1944 × 2592 pixels (portrait
orientation). G: Image size is 1600 × 1200 pixels. [: Image size is 640 × 480 pixels. R: 3264 × 2448-pixel sequential shots. t: 1600 × 1200-pixel sequential
shots.

3 Scene select (page 84) =: Full auto setting a: Sports mode >: Portrait mode +: Landscape mode /: Night view portrait mode k: Snow & beach mode +:
Fireworks mode Q: Lamp mode 4 Filter (page 86) &: No filter %: Cosmetic filter W: Monochrome filter ,: Sepia filter 5 Flash (page 87) k: The camera will
detect the subject brightness and use the flash only when necessary. m: The flash will operate with every image captured regardless of the conditions. l: The
flash will not operate even in dark situations. 6 Self-timer (page 88) N: Self-timer is off. y: Shooting begins 2 seconds after the [] or [] button is pressed.

x: Shooting begins 10 seconds after the [] or [] button is pressed. 7 Remaining battery power (page 153) SETUP English 46 SWITCHING THE
OPERATING MODE <Tab 2> 1 2 3 RECORDING MENU 2 MOVIE STABILIZER PHOTO STABILIZER FOCUS 1 FOCUS MODE 2 EXP MEASURE 3 ISO
EXIT OK 1 2 3 4 5 6 7 47 English 1 Movie stabilizer (page 90) h Compensate for camera shake during video clip recording.



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p: Shoot using the video clip field of view display. q: Shoot using the still image field of view display. J: Image stabilizer function off.
2 Photo stabilizer (page 90) h Compensate for camera shake during still image shooting. \: Shoot with image stabilizer on.]: Shoot without image stabilizer. 3
Focus range (page 93) h Select the focus range that corresponds to the distance to the subject. -: The camera automatically focuses on the subject within a
range of 10 cm (3.94 in.) to infinity (total range). *: The camera automatically focuses on the subject within a range of 80 cm (31.50 in.) to infinity (normal).

-. Set the focus distance manually (manual). +: The camera focuses on the subject within a range of 1 cm (0.39 in.) to 80 cm (31.50 in.) (super macro). 4
Focus mode (page 95) B: 9-point range finder focus C: Spot focus 5 Light-measuring mode (page 96) X: Multi-section light measuring W: Center-weighted
light measuring Y: Spot light-measuring 6 ISO sensitivity (page 97) =: Sensitivity is set automatically *: Sets sensitivity to ISO 50 u: Sets sensitivity to ISO
100 v: Sets sensitivity to ISO 200 w: Sets sensitivity to ISO 400 6: Sets sensitivity to ISO 800 -: Sets sensitivity to ISO 1600 * The indicated ISO value is the
standard output sensitivity. 7 Remaining battery power (page 153) SETUP English 48 SWITCHING THE OPERATING MODE <Tab 3> 1 2 3 RECORDING
(page 99) >: White balance is automatically adjusted depending on the ambient lighting (auto). r: For shooting in sunny conditions (fair) o: For shooting in
overcast conditions (cloudy) p: For shooting under fluorescent lighting (fluorescent) q: For shooting under incandescent lighting (incandescent) ^: For
setting the most accurate white balance (one push) 2 Face chaser (page 100) -: Enable face chaser. .

: Disable face chaser. 3 High sensitivity mode (page 101) 1: Increased sensitivity 2: Normal sensitivity 4 Digital zoom (page 102) Q: Enable the digital zoom.
B: Disable the digital zoom. 5 Recording folder (page 103) h Create or select a folder in which to store recorded files. 6 Remaining battery power indication
(page 153) SETUP English 50 SWITCHING THE OPERATING MODE NORMAL Mode Playback Menu <Tab 1> 1 PLAYBACK MENU 1 SLIDESHOW 2
PLAY VOLUME 1 PROTECT 2 DELETE 3 ROTATE RESIZE EXIT OK 1 2 3 4 5 6 7 1 Slideshow (page 105) h Specify the slideshow settings and play the
slideshow.

2 Playback volume (page 72) h Adjust the volume for video clip and audio files playback. 3 Protect (page 107) h File protect setting (delete prohibited) 4
Delete (page 73) h Delete files. 5 Rotate (page 108) h Rotate a still image. 6 Resize (page 109) h Reduce the resolution of a still image. 7 Remaining battery
power (page 153) 51 English <Tab 2> 1 PLAYBACK MENU 2 EDIT PHOTO 2 EDIT VIDEO 1 PRINT INSTRUCTIONS 2 SELECT FOLDER 3 COPY EXIT
OK 1 2 3 4 5 6 SETUP 1 Edit photo (page 110) h Repair the "red-eye" caused by the flash, or enhance the contrast.

2 Video clip edit (page 112) h Edit video clips. 3 Printing instructions (page 120) h Specify the printing instructions (DPOF settings). 4 Select folder (page
76) h Select a folder to play back. 5 Copy (page 126) h Copy files from the card to the internal memory, or vice versa. 6 Remaining battery power indication
(page 153) English 52 SIMPLE SHOOTING SIMPLE/SHOOTING BEFORE TAKING PICTURES For best results Hold the camera securely, keeping your
elbows close to your body and making sure the camera is stable. Correct hold Incorrect hold <Holding the camera> Example 1: Grip the camera by
wrapping the fingers of the right hand, from the little finger to the middle finger, around the camera, and hook the index finger above the camera. A finger is
blocking the lens or flash. Example 2: Grip the camera by wrapping the fingers of the right hand, from the little finger to the index finger, around the camera.
Make sure that the lens and flash are not blocked by your fingers or the handstrap. 53 English Using the autofocus The autofocus will work in almost all
situations; however, there are certain conditions that may cause the autofocus function to not work properly.

If the autofocus function is not working properly, set the focus range to capture images (page 57). k Conditions that may cause incorrect focus The following
examples are some of the situations where the autofocus function may not work. SIMPLE/SHOOTING i Subjects with low contrast, very bright subjects at the
center of the image or dark subjects or locations Use the focus-lock function to lock the focus on an object with contrast at the same distance as the desired
subject. i Subjects without vertical lines Use the focus-lock function to lock the focus while framing the subject vertically, then re-orient the camera to
compose a horizontally framed image. English 54 BEFORE TAKING PICTURES The following examples are some of the situations where the autofocus
function may work, but not as desired. i When both near and far objects are present Use the focus-lock function to lock the focus on an object at the same
distance as the desired subject, then reposition the camera to compose the picture. i Fast-moving subjects Use the focus-lock function to lock the focus on an
object at the same distance as the desired subject, then reposition the camera to compose the picture. HINT i Images captured in the still image shooting mode
can be rotated when they are played back (page 108). i When the [] button is pressed halfway, the image in the monitor may waver vertically. This is the
result of internal image processing and is not a malfunction.

This wavering is not recorded and will not affect your images in any way. 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. 55 English Select the recording size The larger the image size (number of pixels), the better the image quality
will be, but the file size will also be larger. Select the image quality that is correct for the intended purpose. 1 Display the SIMPLE Mode Shooting Menu
(page 37), select the recording size setting, and press the SET button.

SIMPLE/SHOOTING To watch on TV TV size 9M [4:3] OK M: The video clip size will be 640 × 480 pixels, and the still image size will be 3456 × 2592
pixels. 6: The video clip size will be 320 × 240 pixels, and the still image size will be 640 × 480 pixels. 2 Select the desired video clip recording size, and
press the SET button. h This completes the recording size setting. English 56 BEFORE TAKING PICTURES Select the focus setting Select the focus range
corresponding to the distance between the camera and the subject.

1 Display the SIMPLE Mode Shooting Menu (page 37), select the focus setting, and press the SET button.



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All ranges Automatic focus (people, landscape, etc.) OK 7: The camera automatically focuses on the subject within a range of 10 cm (3.94 in.) to infinity (normal). 8: The camera focuses on a subject within a range of 1 cm (0.39 in.) to 80 cm (31.50 in.) (super macro).

2 Select the desired focus range, and press the SET button. h This completes the focus range setting. 57 English Switching the display mode In the shooting mode, you can select the either the "settings display mode" which allows you to confirm the shooting settings on the monitor while you shoot, or the "normal display mode" in which the setting indications are turned off, providing a full view of the subject. 1 2 Set the camera to the shooting mode (page 36). Press the

SET button. h Each time the SET button is pressed, the camera switches between the settings display mode and the normal display mode. SET button SIMPLE/SHOOTING 668 01:17:32 <Settings display mode> <Normal display mode> English 58 BEFORE TAKING PICTURES Hints for taking pictures Muting the operation sounds i The audio guidance that sounds when you operate the camera can be muted (page 132). Where are the image and audio files saved? i All the image and sound files are recorded on the card installed in the camera or in the camera's internal memory. Taking pictures in backlight conditions..

. i When taking pictures with the light coming from behind the subject, due to the characteristics of the lens, ghost patterns (flare phenomenon) may appear in the captured image. In this situation, it is recommended that you avoid taking pictures with the subject lit from behind. While the image files are being recorded..

. i While the multi-indicator is flashing red, the image files are being written to the memory, during which time it is not possible to capture another image. Another image can be captured after the flashing red indicator turns off. However, even when the multi-indicator is flashing red, depending on the camera's internal memory remaining capacity, in some cases the next image can be captured about 2 seconds after shooting. 59 English VIDEO CLIP RECORDING 1 2 Turn on the camera (page 29), and set it to the shooting mode (page 35).

Press the [] button. h Recording begins. h It is not necessary to keep the [] button pressed while shooting. h When the remaining recording time available for the currently recording clip becomes little, a countdown of the remaining recording time appears on the display. End the recording. h Press the [] button again to stop recording. [] button SIMPLE/SHOOTING 3 Recording time REC 00:00:09 5 Available recording time remaining English 60 SHOOTING SINGLE SHOTS Capture a still image (single-shot). 1 2 Turn on the camera (page 29), and set it to the shooting mode (page 35). Press the [] button. 1 Press the [] button halfway.

h The autofocus operates, and the image is focused (focus lock). 2 Continue to gently press the [] button all the way. h The shutter releases and the image is captured. h You can view the captured image on the monitor by keeping the [] button depressed when you capture the image (postview [page 134]). 1 2 [] button F3.5 1/30 Target mark Shutter speed Aperture 61 English HINT Adjusting the monitor brightness i While the Shooting Screen is active, you can quickly access the screen for adjusting the brightness of the monitor (page 140) by pressing the MENU button for at least 1 second. What is the camera focusing on?

Target mark i A target mark & on the monitor shows the area the camera is focusing on. i The camera automatically determines the correct focus by measuring from 9 different focus points within the shooting area. If the F3.5 target mark is at a position that is 1/7 different from the point you wish to focus on, you can refocus, for Camera shake icon example, by changing the shooting angle.

Shutter speed i The large target mark appears when Aperture the camera focuses on a wide area in the center of the screen. The focus can be locked i By assigning an operation shortcut to the SET button (page 135), you can set the autofocus or the aperture to a fixed setting. When the aperture setting is fixed, the P icon appears on the monitor; when the autofocus setting is fixed, the p icon appears on the monitor. i When the focus range (page 57) setting is changed, the focus lock is released. The shutter speed and aperture are displayed i In the NORMAL mode, the shutter speed and aperture settings are shown on the Shooting Screen.

You can use them as a reference when shooting. If the camera shake icon > appears... i During still image shooting, if the shutter speed is slow and the possibility that the image may be blurred due to camera shake becomes high, the camera shake icon may appear on the monitor. In this case, use a tripod to stabilize the camera when shooting, or set the flash operation mode to automatic (page 63). i When shooting with the scene select function set to the fireworks + mode, the camera shake icon always appears, but this is normal. SIMPLE/SHOOTING English 62 SHOOTING SINGLE SHOTS Using the flash The flash is not only used for photographing under dark conditions, but is also convenient for example when the subject is in shadow or lit from behind. The flash is available only when shooting single-shot still images. 1 Display the SIMPLE Mode Shooting Menu (page 37), select the flash setting, and press the SET button. h The screen to select the flash operation appears. Auto Flash automatically OK 9: The camera detects the subject brightness and uses the flash only when necessary. :: The flash operates with every image captured regardless of the conditions. :: The flash does not operate even in dark situations. 2 3 Select the desired flash operation, and press the SET button.

h This completes the flash operation setting. Press the [] button to take the picture. 63 English CAUTION Do not touch the flash unit when shooting i The flash unit becomes very hot and may cause a burn. Avoid touching the flash unit when shooting. HINT i The flash works only when shooting single-shot still images. SIMPLE/SHOOTING English 64 SHOOT A STILL IMAGE WHILE RECORDING A VIDEO CLIP You can capture a still image (a single-shot) while recording a video clip. 1 2 3 Turn on the camera (page 29), and set it to the shooting mode (page 35). Press the [] button. [] button [] button When you see a scene you'd like to capture as a still image. press the [] button.

Press the [] button to end the video clip recording. 4 REC 00:00:09 65 English HINT i When shooting a still image while recording a video clip, the flash does not operate. i The face chaser feature (page 100) is inoperative. i When the remaining video recording time becomes approximately 50 seconds, it will no longer be possible to capture a still image while recording a video clip.



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The exact remaining recording time at which this occurs will differ depending on the subject and on the video clip mode setting (page 78).

If you intend to capture a still image while recording a video clip, it is suggested that you take note of the remaining video recording time. About the recording size of still images i The still image shooting size automatically changes to G and the image is captured. SIMPLE/SHOOTING English 66 MACRO-PHOTOGRAPHY (ZOOM) Your camera has two zoom functions: optical zoom and digital zoom. 1 2 Point the camera lens at the subject. Push the zoom switch toward [T/] or [W/P] to compose the desired image.

[T/]: Zoom in on the subject. [W/P]: Zoom out. h When the zoom switch is pushed, the zoom bar appears on the monitor. h When the optical zoom factor is at maximum, zooming stops temporarily. When the zoom switch is pushed toward the [T/] side again, the mode changes to the digital zoom mode and zooming continues. Take the picture. For video clip recording, see page 60. For shooting single shots, see page 61. For shooting sequential shots, see page 80. Zoom switch Narrow angle (tele) Wide angle 3 Monitor SET button Zoom bar When both optical and digital zoom are enabled Magnification ratio $\times 2$.

6 Optical zoom Digital zoom (yellow) When optical zoom only is enabled Magnification ratio $\times 2.6$ Pointer 67 English PLAYBACK SIMPLE/PLAYBACK PLAYING BACK VIDEO CLIPS AND STILL IMAGES 1 2 Set the camera to the playback mode (page 35). Toggle the SET button to the left or right to display the image you wish to play back. h Video clips are indicated by a video clip pattern along the left and right sides of the screen. SIMPLE/PLAYBACK SAVE PLAY <Example: After recording a video clip> Video clip pattern SET button <Example: After capturing a still image> 3 For a video clip, press the SET button. h Playback begins. English 68 PLAYING BACK VIDEO CLIPS AND STILL IMAGES To do this... Normal forward playback Stop playback Pause To play back one image at a time (singleframe step) Slow playback Forward playback Reverse playback Forward playback Reverse playback Do this Press the SET button.

During playback, toggle the SET button down. During playback, press the SET button or toggle the SET button up. During accelerated playback, toggle the SET button up. After pausing playback, toggle the SET button to the right. After pausing playback, toggle the SET button to the left.

After pausing playback, press and hold the SET button to the right. After pausing playback, press and hold the SET button to the left. During forward playback, toggle the SET button to the right. * The playback speed changes each time the SET button is toggled to the right, as follows: Normal playback $2\times$ $5\times$ $10\times$ $15\times$ Toggle the SET button to the left to resume normal playback speed. During forward playback, toggle the SET button to the left.

* The playback speed changes each time the SET button is toggled to the left, as follows: $15\times$ $10\times$ $5\times$ Toggle the SET button to the right to resume normal playback speed. Press the SET button. Louder: During playback, push the zoom switch toward the [T] side. Softer: During playback, push the zoom switch toward the [W] side. Forward playback To accelerate playback Reverse playback Return to normal playback speed Adjusting the volume When you are finished using the camera... i Press the ON/OFF button to turn the camera off. 69 English How to save one frame from a video clip as a still image 1 2 Play back the video clip. Pause the playback at the point you wish to "snap" a photo.

Press the [] button. h The currently displayed frame is saved as a still image. SIMPLE/PLAYBACK HINT The size of a video clip file 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 monitor or a television.) i Depending on the card, shooting may end even before the possible shooting time indicated. Display the video clip playback point i During video clip playback, press the MENU button for at least 1 second to display a bar showing the current playback point in the video clip. i Press the MENU button for about 1 second to cancel the bar. CAUTION 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. If no audio is heard... i The audio is not played back when the video clip is played back in the frame-by-frame, fast playback or reverse playback mode. English 70 SLIDESHOW PLAYBACK You can play back files in succession with the "slideshow playback" feature. 1 Display the SIMPLE Mode Playback Menu (page 37), select the slideshow setting, and press the SET button. =: Play back all files. 3: Play back video clips and audio files. c: Play back still image files. SLIDESHOW ALL MOVIE PHOTO START 2 Select the type of file to play back, and press the SET button. h Slideshow playback begins. h To stop slideshow playback, press the SET button or MENU button. HINT About the slideshow settings i During slideshow playback, the BGM that was set for the slideshow from the NORMAL Mode Playback Menu is played. To change the BGM, display the NORMAL Mode Playback Menu and change the BGM setting for the "SLIDESHOW" (page 105). i For slideshows played in the SIMPLE mode, the transition effect is fixed at FADE and the transition interval is fixed at 2 SEC. 71 English PLAYBACK VOLUME Adjust the playback volume for video clips and audio files. 1 Display the SIMPLE Mode Playback Menu (page 37), select the playback volume setting, and press the SET button. h The volume control bar appears.

PLAY VOLUME SIMPLE/PLAYBACK 4 2 Toggle the SET button to the left or right to set the volume, and press the SET button. h The playback volume is set, and the display returns to the SIMPLE Mode Playback Menu. VOLUME SETTING HINT The volume can be adjusted during playback i During video clip or audio file playback, if you move the zoom switch, the volume control bar will appear, allowing you to adjust the volume. In the NORMAL mode i When you select "PLAY VOLUME" from the NORMAL Mode Playback Menu and press the SET button, the volume control bar appears. English 72 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 Display the SIMPLE Mode Playback Menu (page 37), select the delete c icon, and press the SET button. DELETE SINGLE: Deletes the currently displayed file. DELETE ALL: Deletes all files. DELETE DELETE SINGLE DELETE ALL OK 2 Select the desired delete mode, and press the SET button. h The Delete Confirmation Screen appears.



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<DELETE SINGLE> h Toggle the SET button to the left or right to select the file you wish to delete. h There is no confirmation screen when deleting single files. Please make sure that the displayed image is one you wish to delete. <DELETE ALL> h Toggle the SET button to the left or right to confirm the files to delete.

73 English 3 Select "DELETE", and press the SET button. <DELETE SINGLE> h The currently displayed file is deleted. h To delete other files, select the files, select "DELETE" and press the SET button. <DELETE ALL> h The Delete Confirmation Screen again appears. To delete the files, select "YES", and press the SET button.

When file delete is completed, "No image" is shown. SIMPLE/PLAYBACK HINT To delete the currently displayed file i Toggle the SET button up to access the screen to delete the currently displayed file. In the NORMAL mode i When you select "DELETE" from the NORMAL Mode Playback Menu and press the SET button, the Delete Screen appears. CAUTION i Files that are protected from accidental delete cannot be deleted. To delete protected files, set the protect setting for the files to off (page 107), and then follow the file delete procedure. English 74 PLAYBACK MODES Multi-image display 1 2 3 Display the image you wish to play back. Push the zoom switch toward the [W/P] side. h The 9-image display appears. Select the image to play back. h Toggle the SET button up, down, left or right to move the orange frame to the desired image, and press the SET button.

Instead of pressing the SET button, you can push the zoom switch toward the [T/] side to show the image full screen. h If the zoom switch is pushed toward the [W/P] side while the 9-image display is shown, the display changes to the 20-image display. Zoom switch SET button Video clip 100 0001 0004 0007 0002 0005 0008 0003 0006 0009 Orange frame Still image Audio file Image number Folder number 75 English Selecting the playback folder If the card contains multiple folders, you can select from which folder you would like to play back. 1 2 Display the Playback Screen. Push the zoom switch toward the [W/P] side 3 times. h The screen to select the playback folder appears. h If the zoom switch is pushed toward the [T/] side, the camera changes to the 20-image display (page 75). Toggle the SET button up, down, left or right to move the orange frame to the desired folder, and press the SET button. h The files in the selected folder are displayed in the Playback Screen. SIMPLE/PLAYBACK 100 101 102 103 104 105 FOLDER : 100SANYO 3 HINT In the NORMAL mode i When you select "SELECT FOLDER" from the NORMAL Mode Playback Menu and press the SET button, the screen to select the playback folder appears. English 76 PLAYBACK MODES Magnifying (zooming in) the image 1 2 Display the image that you want to magnify. h For a video clip, pause playback at the place you want to magnify. Push the zoom switch toward the [T/] side. h Magnification is enabled. h The image is magnified, and the central portion of image is displayed.

h Toggle the SET button to view different parts of the magnified image. To magnify: Magnification increases each time the zoom switch is pushed toward the [T/] side. To return to normal size: Magnification decreases each time the zoom switch is pushed toward the [W/P] side. h Press the SET button to return to the normal (100%) view. SAVE 105% 100% MOVE HINT The magnified portion of the image can be saved as a separate image i Press the [] button. The magnified portion is saved as a new still image. 77 English NORMAL SHOOTING NORMAL/SHOOTING RECORDING SIZE The image quality of video clips and still images is determined by the recording size (number of pixels). The larger the recording size, the better the image quality will be, but the file size will also be larger. Select the recording size that is correct for the intended purpose. Movies The faster the frame rate (frames per second), the smoother playback will be. However, as with the recording size, the file size is also proportionately larger, using up more memory. This menu is also used when making audio recordings. NORMAL/SHOOTING 1 Display the NORMAL Mode Shooting Menu (page 37), select "MOVIE", and press the SET button. (: Record at 640 × 480 pixels, 60 frames per second.): Record at 640 × 480 pixels, 30 frames per second (high bit rate).

B: Record at 640 × 480 pixels, 30 frames per second (standard bit rate). l: Record at 320 × 240 pixels, 30 frames per second. d: Record at 320 × 240 pixels, 15 frames per second. <Audio mode> <: Make an audio recording (voice memo) (page 81). 2 Select the desired recording size, and press the SET button. h This completes the recording size setting. CAUTION When editing video clips (page 112)... i In order for video clips to be joined, they must have been photographed in the same mode.

i Video clips that were photographed in different modes cannot be joined. English 78 RECORDING SIZE Still images This menu is also used for shooting sequential shots. 1 Display the NORMAL Mode Shooting Menu (page 37), select "PHOTO", and press the SET button. I: J: K: Q: L: G: [: R: t: Image size is 4000 × 3000 pixels. Image size is 3456 × 2592 pixels (low compression).

Image size is 3456 × 2592 pixels (normal compression). Image size is 3456 × 1944 pixels (16:9 ratio). Image size is 1944 × 2592 pixels (portrait orientation). Image size is 1600 × 1200 pixels Image size is 640 × 480 pixels. 3264 × 2448-pixel sequential shots.

1600 × 1200-pixel sequential shots. 2 Select the desired recording size, and press the SET button. h This completes the recording size setting. 79 English Sequential shots 1 2 3 Display the NORMAL Mode Shooting Menu (page 37), select "PHOTO", and press the SET button. Select R or t, and press the SET button. Press the [] button. h Shooting begins. Shooting continues as long as the [kept pressed.] button is NORMAL/SHOOTING HINT i The maximum number of images in a sequential shots sequence is about 10. About the focus when shooting sequential shots i When sequential shots are captured, the autofocus operates when the [] button is pressed halfway, fixing the focus.

Can the flash be used? i The flash does not operate when shooting sequential shots. English 80 RECORDING SIZE Audio recording Your camera can make audio recordings and play them back. Audio recording 1 2 Display the NORMAL Mode Shooting Menu (page 37), select "MOVIE", and press the SET button. Select <, and press the SET button. h The audio recording mode is enabled. Remaining time 668 11:44:37 3 Press the [] button. h Audio recording begins. During recording, < appears in the monitor.



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