You can read the recommendations in the user guide, the technical guide or the installation guide for SONY CYBER-SHOT DSC-HX400V. You'll find the answers to all your questions on the SONY CYBER-SHOT DSC-HX400V in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual SONY CYBER-SHOT DSC-HX400V
User guide SONY CYBER-SHOT DSC-HX400V
Operating instructions SONY CYBER-SHOT DSC-HX400V
Instructions for use SONY CYBER-SHOT DSC-HX400V
Instruction manual SONY CYBER-SHOT DSC-HX400V

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http://yourpdfguides.com/dref/5580467

Manual abstract:

3 Search for the model name of your camera within the support page. ☐ Check the model name on the bottom of your camera. @@@@1 Press the MENU button or the Fn (Function) button. 2 Select the desired item, then press the (In-Camera Guide) button. Shooting Tip The camera displays shooting tips for the shooting mode selected. 1 Press the (In-Camera Guide) button in shooting mode. 2 Select the desired shooting tip, then press z on the control button. the shooting tip is displayed. ☐ You can scroll the screen using v/V and change shooting tips using b/B. GB 2 Owner's Record The model and serial numbers are located on the bottom.

Record the serial number in the space provided below. Refer to these numbers whenever you call your Sony dealer regarding this product. _____ GB WARNING To reduce fire or shock hazard, do not expose the unit to rain or moisture. IMPORTANT SAFETY INSTRUCTIONS -SAVE THESE INSTRUCTIONS DANGER TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS If the shape of the plug does not fit the power outlet, use an attachment plug adaptor of the proper configuration for the power outlet. CAUTION [Battery pack If the battery pack is mishandled, the battery pack can burst, cause a fire or even chemical burns.

☐ Do not crush and do not expose the battery pack to any shock or force such as hammering, dropping or stepping on it. ☐ Do not short circuit and do not allow metal objects to come into contact with the battery terminals. ☐ Do not expose to high temperature above 60°C (140°F) such as in direct sunlight or in a car parked in the sun. GB 3 • Be sure to charge the battery pack using a genuine Sony battery charger or a device that can charge the battery pack. ☐ Keep the battery pack out of the reach of small children.

☐ Keep the battery pack dry. ☐ Replace only with the same or equivalent type recommended by Sony. ☐ Dispose of used battery packs promptly as described in the instructions. [AC Adaptor Use the nearby wall outlet (wall socket) when using the AC Adaptor. Disconnect the AC Adaptor from the wall outlet (wall socket) immediately if any malfunction occurs while using the apparatus. For Customers in the U. You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you. For more information regarding recycling of rechargeable batteries, call toll free 1-800-822-8837, or visit http://www. [Battery pack 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.

CAN ICES-3 B/NMB-3 B This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that are deemed to comply without testing of specific absorption ratio (SAR). If you have any questions about this product, you may call: Sony Customer Information Center 1-800-222-SONY (7669) The number below is for the FCC related matters only. : 858-942-2230 This device complies with Part15 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. This equipment must not be co-located or operated in conjunction with any other antenna or transmitter. [CAUTION You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment. [Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: – Reorient or relocate the receiving antenna. ☐ Increase the separation between the equipment and receiver. ☐ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. ☐ Consult the dealer or an experienced radio/TV technician for help.

The supplied interface cable must be used with the equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules. gB 5 For Customers in Canada This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. For Customers in Europe [Notice for the customers in the countries applying EU Directives Manufacturer: Sony Corporation, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan For EU product compliance: Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany Hereby, Sony Corporation, declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. For details, please access the following URL: http://www.

De/ [Notice If static electricity or electromagnetism causes data transfer to discontinue midway (fail), restart the application or disconnect and connect the communication cable (USB, etc.) again. This product has been tested and found compliant with the limits set out in the EMC regulation for using connection cables shorter than 3 meters (9. 8 feet). The electromagnetic fields at the specific frequencies may influence the picture and sound of this unit. GB 6 [Disposal of waste batteries and electrical and electronic equipment (applicable in the European Union and other European countries with separate collection systems) This symbol on the product, the battery or on the packaging indicates that the product and the battery shall not be treated as household waste. On GB certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbols for mercury (Hg) or lead (Pb) are added if the battery contains more than 0. By ensuring these products and batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling.

The recycling of the materials will help to conserve natural resources.

In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only. To ensure that the battery and the electrical and electronic equipment will be treated properly, hand over these products at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment. For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries. For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product or battery. For Customers in Singapore Checking the supplied items The number in parentheses indicates the number of pieces. □ Camera (1) • Rechargeable Battery Pack NP-BX1 (1) • Micro USB Cable (1) • AC Adaptor AC-UB10C/UB10D (1) • Power Cord (mains lead) (not supplied in the USA and Canada) (1) • Shoulder Strap (1) • Lens Cap (1) • Shoe Cap (1) (Attached on the camera) • Instruction Manual (this manual) (1) • Wi-Fi Connection/One-touch (NFC) Guide (1) This guide explains the functions that require a Wi-Fi connection. GB 7 Identifying parts • When the Zoom/Focus switch is set to MF or DMF, turn the manual ring to adjust the focus. A For shooting: Fn (Function) button For viewing: (Send to Smartphone) button B CUSTOM (Custom) button • You can assign a desired function to the CUSTOM button. C Shutter button D For shooting: W/T (zoom) lever For viewing: (Index) lever/ (Playback zoom) lever E Self-timer lamp/AF illuminator F Lens G Flash • Press the (Flash pop-up) button to use the flash.

The flash does not pop up automatically. □ When not using the flash, press it back into the camera body. A GPS receiver (built-in, DSCHX400V only) B Stereo microphone C Eye sensor D Viewfinder • When you look into the viewfinder, the viewfinder mode is activated, and when you move your face away from the viewfinder, the viewing mode returns to the screen mode. E MOVIE (Movie) button F (Playback) button G Control button H FINDER/MONITOR button • This button switches whether to display the image on the screen or in the viewfinder. H (Flash pop-up) button I Hook for Shoulder Strap J Zoom/Focus switch K Manual ring • When the Zoom/Focus switch is set to AF/ZOOM, turn the manual ring to perform the zoom function.

GB I ON/OFF (Power) button and Power/Charge lamp 8 J Mode dial (Intelligent Auto)/ (Superior Auto)/ (Program Auto)/ (Aperture Priority)/ (Shutter Priority)/ (Manual Exposure)/ 1/2 (Memory recall)/ (Movie)/ (iSweep Panorama)/ (Scene Selection) K Control dial L Wi-Fi sensor (built-in) M (N Mark) • Touch the mark when you connect the camera to a smartphone equipped with the NFC function. • NFC (Near Field Communication) is an international standard of the short-range wireless communication technology. □ When adjusting the diopter level, point the camera to a bright area to make it easier to adjust the diopter level. c Multi/Micro USB Terminal • Supports Micro USB compatible device. GB D Connector cover E HDMI micro jack F Speaker G LCD screen N (In-Camera Guide)/ (Delete) button O MENU button A Battery/Memory card cover B Battery insertion slot C Battery eject lever D Access lamp E Memory card slot F Tripod socket hole • Use a tripod with a screw less than 5.*

5 mm (7/32 inches) long. Otherwise, you cannot firmly secure the camera, and damage to the camera may occur. A Multi interface shoe B Diopter-adjustment dial • Adjust the diopter-adjustment dial to your eyesight until the display appears clearly in the viewfinder. GB 9 * For details on compatible accessories for the multi interface shoe and the Multi/Micro USB Terminal, visit the Sony web site, or consult your Sony dealer or local authorized Sony service facility. You can also use accessories that are compatible with the accessory shoe. Operations with other manufacturers' accessories are not guaranteed. GB 10 Inserting the battery pack Battery eject lever GB 1 Open the cover. 2 Insert the shooting under the following conditions: – Using a Sony Memory Stick PRO Duo™ (Mark2) media (sold separately). □ The battery pack is used at an ambient temperature of 25°C (77°F). □ [GPS On/Off] is set to [Off] (DSC-HX400V only) – [Display Quality] is set to [Standard] GB 14 • The number for "Shooting (still images)" is based on the CIPA standard, and is for shooting under the following conditions: (CIPA: Camera & Imaging Products Association) – DISP is set to [Display All Info.]*

□ The flash is used once every two times. □ The power is turned on and off once every ten times. □ The number of minutes for movie shooting is based on the CIPA standard, and is for shooting under the following conditions: –[Record Setting]: 60i 17M(FH)/50i 17M(FH). □ Typical movie shooting: Battery life based on repeatedly starting/stopping shooting, zooming, turning on/off, etc. □ Continuous movie shooting: Battery life based on non-stop shooting until the limit (29 minutes) has been reached, and then continued by pressing the MOVIE button again. Other functions, such as zooming, are not operated. X Supplying power You can use the AC Adaptor AC-UD10 (sold separately) or AC-UD11 (sold separately) for shooting and playback to supply power when shooting or playing back images. Notes • If you shoot or play back images when the camera is connected to the supplied AC Adaptor, power will not be supplied through the AC Adaptor. GB 15 Inserting a memory card (sold separately) Ensure that the notched corner is faced correctly. Memory card • With facing as illustrated, insert the until it clicks into place.

3 Close the cover. GB 16 x Memory cards that can be used Memory card Memory Stick XC-HG Duo™ A B C Memory Stick PRO Duo™ Memory Stick PRO-HG Duo™ Memory Stick Micro™ (M2) SD memory card SDHC memory card SDXC memory card microSD memory card D microSDHC memory card microSDXC memory card (Mark2 only) (Class 4 or faster) (Class 4 or faster) (Class 4 or faster) (Class 4 or faster) (Class 4 or faster) (Class 4 or faster) (Mark2 only) For still images For movies GB • In this manual, the products in the table are collectively referred to as follows: A: Memory Stick PRO Duo media B: Memory Stick Micro media C: SD card D: microSD memory card Notes • When using Memory Stick Micro media or microSD memory cards with this camera, make sure to use with the appropriate adaptor. X To remove the memory card/battery pack Memory card: Push the memory card in once to eject the memory card. battery pack: Slide the battery eject lever.

Be sure not to drop the battery pack.

Notes • Never remove the memory card/battery pack when the access lamp (page 9) is lit. This may cause damage to data in the memory card. gB 17 Setting the clock ON/OFF (Power) Control button Select items: v/V/b/B Set: z ON/OFF (Power) 1 Press theTime setting is displayedbutton. Turn on the camera for the The Date & when you first time. ☐ It may take some time for the power to turn on and allow operation.

that [Enter] is selected 2 Checkthe control button. On the screen, then press z on location 3 Select a desired geographic press z. By following the on-screen instructions, then 4 Set [Daylight Savings], [Date/Time] and [Date Format], then press z. • When setting [Date/Time] , midnight is 12:00 AM , and noon is 12:00 PM. 5 Check that [Enter] is selected, then press z. GB 18 Shooting still images/movies Shutter button GB Mode dial MOVIE W/T (zoom) lever : Intelligent Auto : Movie Shooting still images W: zoom out T: zoom in button halfway down to focus. 1 Press the shutterfocus, a beep sounds and the z indicator lights. When the image is in 2 Press the shutter button fully down to shoot an image. Shooting movies (Movie) button to 1 Press the MOVIElever to change the zoomstart recording. • Use the W/T (zoom) ratio.

2 Press the MOVIE button again to stop recording. Notes • Do not pull up the flash manually. this may cause a malfunction. ☐ When using the zoom function while shooting a movie, the sound of the camera operating will be recorded. The sound of the MOVIE button operating may also be recorded when movie recording is finished. ☐ The panoramic shooting range may be reduced, depending on the subject or the way it is shot. Therefore even when [360°] is set for panoramic shooting, the recorded image may be less than 360 degrees. GB 19 • For the continuous shooting time of a movie recording, refer to "Number of still images and recordable time of movies" (page 29). When movie recording is finished, you can restart recording by pressing the MOVIE button again. Recording may stop to protect the camera depending on the ambient temperature.

Viewing images Control dial W: zoom out T: zoom in Control button (Playback) (Delete) Select images: B (next)/b (previous) or turn the control dial Set: z the 1 Press images on (Playback) button. With other cameras are played • When a memory card recorded back on this camera, the registration screen for the data file appears. x Selecting next/previous image Select an image by pressing B (next)/b (previous) on the control button. Press z in the center of the control button to view movies. x Deleting an image 1 Press the (Delete) button.

2 Select [Delete] with v on the control button, then press z. X Returning to shooting images Press the shutter button halfway down. GB 20 Introduction of other functions Control dial Fn (Function) GB MENU Control button x Control button DISP (Display Contents): Allows you to change the screen display. (Drive Mode): Allows you to switch between shooting methods, such as single shooting, continuous shooting or bracket shooting. (Exposure Comp.): Allows you to compensate the exposure and brightness for the entire image. (Photo Creativity): Allows you to operate the camera intuitively and shoot creative images easily. (Flash Mode): Allows you to select a flash mode for still images. Z (Lock-on AF): The camera tracks the subject and adjusts focus automatically even when the subject is moving. X Fn (Function) button Allows you to register 12 functions and recall those functions when shooting. 1 Press the Fn (Function) button. 2 Select the desired function by pressing v/V/b/B on the control button. 3 Select the setting value by turning the control dial. X Control dial You can instantly change the appropriate setting for each shooting mode just by turning the control dial. Selects the aspect ratio for still images.

Sets the image quality for still images. selects the size of panoramic images. Sets the shooting direction for panoramic images. selects the movie file format. Selects the size of the recorded movie frame. Sets the drive mode, such as for continuous shooting. Reduces the red-eye phenomenon when using flash. selects the area of focus. Sets the AF illuminator, which provides light for a dark scene to aid focusing. Compensates the brightness of the entire image. adjusts the luminous sensitivity. Selects the metering mode that sets which part of the subject to measure to determine the exposure. Selects the desired effect filter to achieve a more impressive and artistic expression. Enlarges the image before shooting so that you can check the focus in detail. Sets noise reduction processing for high-sensitivity shooting.

22 Lock-on AF Sets the function to track a subject and continue focusing. selects to detect faces and adjust various settings automatically. Sets to automatically release the shutter when a smile is detected. Sets the Soft Skin Effect and the effect level. @@ selects pre-set settings to match various scene conditions.

Selects the shooting mode to suit your subject or effect. sets SteadyShot for shooting movies. @@Sets the microphone reference level when recording movies. Reduces wind noise during movie recording. @@Sets the length of time the image will be shown in an enlarged form. @@Sets auto review to display the captured image after shooting. @@@@@@@@Sets the method for switching between the viewfinder and screen. Sets whether to record a shooting date on the still image. @@ assigns a desired function to the button. Sets whether to always activate the MOVIE button.

You can view images on a network-enabled TV. assigns an application to One-touch (NFC). @@@@@@You can register your access point manually. You can change the device name under Wi-Fi Direct, etc. Displays the MAC address of the camera. Resets the SSID and password for the smartphone connection. You can select the application you want to use. Sets the way in which images are grouped for playback. @@Sets the volume for movie playback. Sets the functional sounds of the camera.

sets the GPS function. Sets the upload function of the camera when using an Eye-Fi card. @@@@ sets the display quality. Sets the length of time until the camera turns off automatically. @@ sets demonstration movie playback to on or off.

Sets the resolution when the camera is connected to an HDMI TV. Operates the camera from a TV that supports BRAVIA™ Sync. sets the USB connection method. @@Sets whether or not to supply power through USB connection. selects the language.

Sets the date and time, and daylight savings. @@Changes the selected folder for storing images. Creates a new folder for storing still images and movies (MP4). Sets the folder name for still images. recovers the image database file and enables recording and playback. @@@@@@@☐ An Internet connection is required to use PlayMemories Online or other network services. PlayMemories Online or other network services may not be available in some countries or regions.

Use the following URL for Mac applications: http://www. Jp/imsoft/Mac/ GB 27 • If the software PMB (Picture Motion Browser), supplied with models released before 2011, has already been installed on your computer, PlayMemories Home will overwrite it during the installation. Use PlayMemories Home, the successor software of PMB.

X System requirements You can find the system requirements for the software at the following URL: www. sony. Net/pcenv/ x Installing PlayMemories Home on a computer Internet 1 Using theURL, andbrowser on your computer, go to the following then install PlayMemories Home. Net/pm/ • For details on PlayMemories Home, refer to the following PlayMemories Home support page (English only): http://www. 2 Connect the camera to your computer using the micro USB cable (supplied). Connect the camera to your computer even if PlayMemories Home is already installed on your computer. Notes • Do not disconnect the micro USB cable (supplied) from the camera while the operating screen or the accessing screen is displayed. Doing so may damage the data.
To disconnect the camera from the computer, click on the tasktray, then click (disconnect icon). For Windows Vista, click on the tasktray.
GB 28 Adding functions to the camera You can add the desired functions to your camera by connecting to the application download website (PlayMemories Camera Apps™) via the GB Internet. Net/pmca • After installing an application, you can call up the application by touching an NFC-enabled Android smartphone to the N mark on the camera, using the [One-touch(NFC)] function. Number of still images and recordable time of movies The number of still images and recordable time may vary depending on the shooting conditions and the memory card. X Still images [Image Size]: L: 20M Aspect Ratio] is set to [4:3] Capacity Quality Standard Fine 2 GB 295 images 200 images When [* When the [Aspect Ratio] is set to other than [4:3], you can record more pictures than shown above. GB 29 x Movies The table below shows the approximate maximum recording times.*
These are the total times for all movie files. Continuous shooting is possible for approximately 29 minutes (a product specification limit). The maximum continuous recording time of an MP4 (12M) format movie is about 15 minutes (limited by the 2 GB file size restriction). (h (hour), m (minute)) Capacity Record Setting 60i 24M(FX)/50i 24M(FX) 60i 17M(FH)/50i 17M(FH) 60p 28M(PS)/50p 28M(PS) 24p 24M(FX)/25p 24M(FX) 24p 17M(FH)/25p 17M(FH) 1440×1080 12M VGA 3M 2 GB 10 m 10 m 9m 10 m 10 m 15 m 1 h 10 m • The recordable time of movies varies because the camera is equipped with VBR (Variable Bit-Rate), which automatically adjusts the image quality depending on the shooting scene. When you record a fast-moving subject, the image is clearer but the recordable time is shorter because more memory is required for recording.
The recordable time also varies depending on the shooting conditions, the subject or the image quality/size settings. GB 30 Notes on using the camera Functions built into this camera • This manual describes 1080 60i-compatible devices and 1080 50i-compatible GB devices. To determine whether your camera supports the GPS function, check the model name of your camera. GPS-compatible: DSC-HX400V GPS-incompatible: DSC-HX400 – To check whether your camera is a 1080 60i-compatible device or 1080 50icompatible device, check for the following marks on the bottom of the camera. 1080 60i-compatible device: 60i 1080 50i-compatible device: 50i • This camera is compatible with 1080 60p or 50p-format movies. Unlike standard recording modes up to now, which record in an interlacing method, this camera records using a progressive method. This increases the resolution, and provides a smoother, more realistic image. • While aboard an airplane , set [Airplane Mode] to [On]. On GPS-compatible devices (DSC-HX400V only) • Use GPS in accordance with regulations of countries and regions where you use it. If you do not record the location information, set [GPS On/Off] to [Off].

On use and care Avoid rough handling, disassembling, modifying, physical shock, or impact such as hammering, dropping, or stepping on the product. Be particularly careful of the lens. ZEISS lens The camera is equipped with a ZEISS lens which is capable of reproducing sharp images with excellent contrast. The lens for the camera has been produced under a quality assurance system certified by ZEISS in accordance with the quality standards of ZEISS in Germany. Notes on recording/playback • Before you start recording, make a trial recording to make sure that the camera is working correctly. The camera is neither dust-proof, nor splash-proof, nor water-proof. Do not aim the camera at the sun or other bright light. It may cause a malfunction of the camera. If moisture condensation occurs, remove it before using the camera. Do not shake or strike the camera.
It may cause a malfunction and you may not be able to record images. Furthermore, the recording media may become unusable or image data may be damaged. GB 31 Do not use/store the camera in the following places • In an extremely hot, cold or humid place In places such as in a car parked in the sun, the camera body may become deformed and this may cause a malfunction. Under direct sunlight or near a heater The camera body may become discolored or deformed, and this may cause a malfunction. In a location subject to shaking or vibration • Near a location that generates strong radio waves, emits radiation or is strongly magnetic In such locations, the camera may not properly record or play back images.
In sandy or dusty places Be careful not to let sand or dust get into the camera. This may cause the camera to malfunction, and in some cases this malfunction cannot be repaired. Notes on the screen, electronic viewfinder and lens • The screen and electronic viewfinder are manufactured using extremely highprecision technology, and over 99. 99% of the pixels are operational for effective use. However, some tiny black and/or bright dots (white, red, blue or green) may appear on the screen and electronic viewfinder.
These dots are a normal result of the manufacturing process, and do not affect the recording. Take care that your fingers or other objects are not caught in the lens when it is operating. Notes on the flash • Do not carry the camera by the flash unit, or use excessive force on it. If water, dust or sand get into the open flash unit, it may cause a malfunction. Take care that your finger is not in the way when pushing the flash down. On camera's temperature Your camera and battery may get hot due to continuous use, but it is not a malfunction. On the overheat protection Depending on the camera and battery temperature, you may be unable to record movies or the power may turn off automatically to protect the camera. A message will be displayed on the screen before the power turns off or you can no longer record movies.

In this case, leave the power off and wait until the camera and battery temperature goes down. If you turn on the power without letting the camera and battery cool down enough, the power may turn off again or you may be unable to record movies.

GB 32 On charging the battery • If you charge a battery that has not been used for a long time, you may be unable to charge it to the proper capacity. This is due to the battery characteristics. charge the battery again. ☐ Batteries which have not been used for more than a year may have become deteriorated. Warning on copyright Television programs, films, videotapes, and other materials may be copyrighted. Unauthorized recording of such materials may be contrary to the provisions of the copyright laws. GB No guarantee in the case of damaged content or recording failures Sony cannot provide a guarantee in the case of failure to record or loss or damage of recorded content due to a malfunction of the camera or recording media, etc. Cleaning the camera surface Clean the camera surface with a soft cloth slightly moistened with water, then wipe the surface with a dry cloth. To prevent damage to the finish or casing: – Do not expose the camera to chemical products such as thinner, benzine, alcohol, disposable cloths, insect repellent, sunscreen or insecticide. Maintaining the screen • Hand cream or moisturizer left on the screen may dissolve its coating.

If you get any on the screen, wipe it off immediately. ☐ Wiping forcefully with tissue paper or other materials can damage the coating. ☐ If fingerprints or debris are stuck to the screen, we recommend that you gently remove any debris and then wipe the screen clean with a soft cloth. Notes on wireless LAN We assume no responsibility whatsoever for any damage caused by unauthorized access to, or unauthorized use of, destinations loaded on the camera, resulting from loss or theft. 264 Audio: Dolby Digital 2ch, equipped with Dolby Digital Stereo Creator • Manufactured under license from Dolby Laboratories. movies (MP4 format): Video: MPEG-4 AVC/H. 264 Audio: MPEG-4 AAC-LC 2ch GB Recording media: Memory Stick PRO Duo media, Memory Stick Micro media, SD cards, microSD memory cards Flash: Flash range (ISO sensitivity (Recommended Exposure Index) set to Auto): Approx. 0 type) TFT drive Total number of dots: 921 600 dots 34 [Power, general] Power: Rechargeable battery pack NP-BX1, 3. 4 W (during shooting with the LCD screen) Approx. 1. 1 W (during shooting with the viewfinder) Operating temperature: 0 °C to 40 °C (32 °F to 104 °F) Storage temperature: –20 °C to +60 °C (–4 °F to +140 °F) Dimensions (CIPA compliant): 129. 5 Wh (1 240 mAh) Design and specifications are subject to change without notice. 4 GHz Supported security protocols: WEP/ WPA-PSK/WPA2-PSK Configuration method: WPS (Wi-Fi Protected Setup) / manual Access method: Infrastructure Mode NFC: NFC Forum Type 3 Tag compliant GB 35 Trademarks • Memory Stick and are trademarks or registered trademarks of Sony Corporation. ☐ "AVCHD Progressive" and the "AVCHD Progressive" logotype are trademarks of Panasonic Corporation and Sony Corporation. ☐ Dolby and the double-D symbol are trademarks of Dolby Laboratories. ☐ The terms HDMI and HDMI HighDefinition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. ☐ Windows and Windows Vista are registered trademarks of Microsoft Corporation in the United States and/ or other countries. • Mac is a registered trademark of Apple Inc. In the United States and other countries. In the United States and other countries.

☐ Wi-Fi, the Wi-Fi logo and Wi-Fi PROTECTED SET-UP are registered trademarks of the Wi-Fi Alliance. • The N Mark is a trademark or registered trademark of NFC Forum , Inc. In the United States and in other countries. • DLNA and DLNA CERTIFIED are trademarks of Digital Living Network Alliance. GB • Facebook and the "f" logo are trademarks or registered trademarks of Facebook, Inc. ☐ YouTube and the YouTube logo are trademarks or registered trademarks of Google Inc. • Eye-Fi is a trademark of Eye-Fi , Inc. ☐ In addition, system and product names used in this manual are, in general, trademarks or registered trademarks of their respective developers or manufacturers. However, the ™ or ® marks may not be used in all cases in this manual. Additional information on this product and answers to frequently asked questions can be found at our Customer Support Website. ☐ Remplacez-la uniquement par une batterie de même type ou d'un type équivalent recommandé par Sony. [Batteri Batteriet kan brista om det hanteras ovarsamt, vilket kan leda till brand eller risk för kemiska brännskador. SE x Uppladdning genom att ansluta kameran till en dator Batteripaketet går att ladda upp genom att ansluta kameran till en dator med hjälp av en mikro-USB-kabel. Till ett USB-uttag SE 11 • Om man ansluter kameran till en dator medan den är påslagen laddas inte batteriet upp, men kameran drivs av ström från datorn vilket gör det möjligt att importera bilder till datorn utan att behöva oroa sig över att batteriströmmen tar slut. Anmärkningar • Observera följande vid uppladdning via en dator: – Om kameran ansluts till en bärbar dator som inte är ansluten till en strömkälla förbrukas datorns batteriström. Anmärkningar • När den medföljande nätadaptern är ansluten till kameran, matas det ingen SE ström från nätadaptern till kameran under tagning eller uppspelning. SE SE 27 För att lägga till ytterligare funktioner i kameran Det går att lägga till önskade funktioner i kameran genom att ansluta till webbsidan för applikationsnedladdning (PlayMemories Camera Apps™) via Internet. @@@@@@@@For å sikre at batteriet og det elektriske og elektroniske utstyr blir behandlet korrekt, overlevere disse produktene ved endt levetid til et mottak for resirkulering av batterier og elektrisk og elektronisk utstyr. H (blitsknapp) I Krok for skulderrem J Zoom/fokus-bryter K Manuell ring • Når zoom-/fokusbryteren er stilt inn på AF/ZOOM, må du dreie på den manuelle ringen for å zoome. D Kontaktdeksel E HDMI mikrokontakt F Høyttaler G LCD-skjerm N (Kameraveiviser) / (sletteknapp) O MENU-knapp A Batteri-/minnekortdeksel B Spor for innsetting av batteri C Batteriutkaster D Tilgangslampe E Minnekortspor F Skruehull for stativ • Bruk et stativ hvor skruen er kortere enn 5,5 mm. NO 17 • Når det gjelder kontinuerlig opptakstid for et filmopptak, se "Antall stillbilder og mulig opptakstid for film" (side 27). når filmopptaket er avsluttet , kan du starte det igjen ved å trykke på MOVIE-knappen på nytt.

Opptaket kan stoppes for å beskytte kameraet, hvis temperaturen blir for lav eller for høy. Stille inn bruksmodus, for eksempel for kontinuerlig opptak. MOVIE-knapp (Trådløs) Send til smarttelefon Send til datamaskin Se på en TV En touch (NFC) Overføre bilder for visning på en smarttelefon. PAL/NTSC-velger (kun for 1080 50ikompatible modeller) Demomodus HDMI-oppløsning KTRL for HDMI USB-tilkobling USB LUN-innstilling Strømfors. For å forhindre skade på overflaten eller huset: – Ikke utsett kameraet for kjemiske produkter som tynner, bensin, alkohol, engangskluter, insektmiddel, solkrem eller insektgift. DK 2 ADVARSEL Apparatet må ikke udsættes for regn eller fugt af hensyn til risiko for brand eller elektrisk stød. ☐ Udskift kun batteriet med et batteri af samme type eller en tilsvarende type, som anbefales af Sony. DK Til et USB-stik • Hvis du tilslutter kameraet til en computer, mens der er tændt for strømmen på kameraet, oplades batteriet ikke, men kameraet strømforsynes via computeren, hvilket gør det muligt for dig at importere billeder til en computer uden at skulle bekymre dig for, om batteriet løber tør for strøm.

☐ Der gives ingen garanti for opladning med en specialbygget eller modificeret computer. ☐ Antallet af minutter for filmoptagelse er baseret på CIPA-standarden og gælder for optagelse under følgende forhold: –[Optageindstilling]: 60i 17M(FH)/50i 17M(FH). DK 17 • Se "Antal stillbilleder og optagetid for film" (side 27) angående den kontinuerlige optagetid for en filmoptagelse.): Giver dig mulighed for at kompensere eksponeringen og lysstyrken for hele billedet. (Fotokreativitet): Giver dig mulighed for at betjene kameraet intuitivt og nemt optage kreative billeder. (Blitztilstand): Giver dig mulighed for at vælge en blitztilstand for DK stillbilleder. Om brug og vedligeholdelse Produktet må ikke udsættes for hårdhændet behandling, skilles ad, ændres, udsættes for stød eller tryk som f. For at undgå at beskadige overfladebehandlingen eller kabinettet: – Udsæt ikke kameraet for kemiske produkter som f. .