

Каталог фотоаппаратов



Digital Still Camera

Instruction Manual

SONY

Cuber-shot







English

Learning more about the camera ("Help Guide")



"Help Guide" is an on-line manual. Refer to it for in-depth

Access the Sony support page.

http://www.sonv.net/SonvInfo/Support/

Select your country or region.

3) Search for the model name of your camera within the support

• Check the model name on the bottom of your camera.

Checking the supplied items

The number in parentheses indicates the number of pieces.

Dedicated USB cable (1)

AC Adaptor AC-UB10C (1

• Power cord (mains lead) (not supplied in the USA, Canada and China) (1)

• Instruction Manual (this manual) (1)

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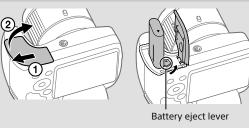
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Additional information on this product and answers to frequently asked guestions can be found at our Customer Support Website.

http://www.sony.net/

How to use

Inserting the battery pack

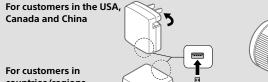


Open the cover.

2 Insert the battery pack.

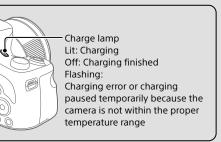
Charging the battery pack

Turn off the camera while charging the battery.



(Mains lead)

countries/regions other than the USA, Canada and China



Connect the camera to the AC Adaptor (supplied), using the dedicated USB cable (supplied).

2 Connect the AC Adaptor to the wall outlet (wall socket). • Be sure to use only genuine Sony brand battery packs, the dedicated USB cable (supplied) and AC Adaptor (supplied).

Charging time (Full charge)

The charging time is approximately 230 min., using the AC Adaptor (supplied).

To charge by connecting to a computer

The battery pack can be charged by connecting the camera to a computer using

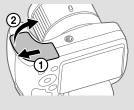


Battery life and number of images that can be recorded and

		Battery life	Number of images
ooting (still images)	LCD screen	Approx. 150 min.	Approx. 300 images
	Viewfinder	Approx. 160 min.	Approx. 320 images
oical movie shooting	LCD screen	Approx. 60 min.	_
	Viewfinder	Approx. 75 min.	_
ntinuous movie ooting	LCD screen	Approx. 120 min.	_
	Viewfinder	Approx. 135 min.	_
ewing (still images)		Approx. 240 min.	Approx. 4800 images

 The number is based on the CIPA standard (CIPA: Camera & Imaging Products Association)

Inserting a memory card (sold separately)





Ensure the notched corner faces correctly.

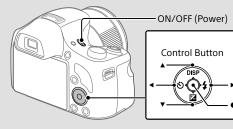
Open the cover.

2 Insert the memory card (sold separately).

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.

Setting the clock



Select items: **△/**▼//**▶**

1 Press the ON/OFF (Power) button.

2 Select a desired language.

3 Select a desired geographic location by following the on screen instructions, then press • on the control button.

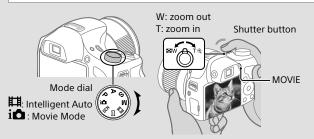
4 Set [Date & Time Format], [Summer Time] and [Date & Time], then select [OK].

5 Follow the instructions on the screen.

To set the date and time again

Select MENU $\rightarrow \bigoplus$ (Settings) $\rightarrow \bigoplus$ (Clock Settings) \rightarrow [Date & Time Setting] to open the date & time setting displa-

Shooting still images/movies



Shooting still images

Press the shutter button halfway down to focus.

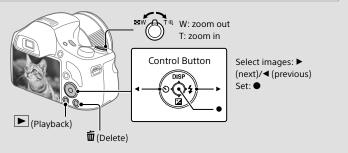
2 Press the shutter button fully down to shoot an image.

Shooting movies

Press the MOVIE (Movie) button to start recording.

2 Press the MOVIE (Movie) button again to stop recording.

Viewing images



1 Press ► (Playback) button.

To select next/previous image

Select an image by pressing ► (next)/ (previous) on the control button. Press • in the center of the control button to view movies.

To delete an image

Press (Delete) button

② Select [This Image] with ▲ on the control button, then press ●

Features of PlayMemories Home™



Calendar





Playing back images

imported from your







• 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.

Downloading PlayMemories Home

You can download PlayMemories Home from the following URL:

Recommended computer environment

Notes on using the camera

On use and care

On database files

memory card.

working correctly.

the camera.

Notes on recording/playback

image data may be damaged

to remove dirt or dust, etc.

On camera's temperature

On the overheat protection

Warning on copyright

You can check the system requirements for software at the following URL www.sony.net/pcenv/

Avoid rough handling, disassembling, modifying, physical shock, or impact such as

hammering, dropping, or stepping on the product. Be particularly careful of the lens.

When you insert a memory card without a database file into the camera and turn on the

power, part of the memory card capacity is used to automatically create a database file.

occurs, import all the images to a computer using PlayMemories Home, then format the

camera to format any memory card being used with this camera for the first time. Note

that formatting will erase all data recorded on the memory card. This data cannot be

It may take some time until you can perform the next operation. If a database file error

• To ensure stable operation of the memory card, we recommend that you use this

restored. Be sure to back up any important data to a computer or other storage

• Before you start recording, make a trial recording to make sure that the camera is

• Avoid exposing the camera to water. If water enters inside the camera, a malfunction

• Do not aim the camera at the sun or other bright light. It may cause the malfunction of

• Do not use the camera near a location that generates strong radio waves or emits

• 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

• Clean the flash surface before use. The heat of the flash emission may cause dirt on

the flash surface to start smoking or burning. Wipe the flash surface with a soft cloth

Your camera and battery may get hot due to continuous use, but it is not a malfunction.

movies or the power may turn off automatically to protect the camera. A message will

Depending on the camera and battery temperature, you may be unable to record

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 enough, the power may turn off again or you may be unable to record

radiation. Otherwise, the camera may not properly record or play back images.

• The camera is neither dust-proof, nor splash-proof, nor water-proof.

• Using the camera in sandy or dusty locations may cause malfunctions

may occur. In some cases, the camera cannot be repaired.



[Svstem] Image device: 7.76 mm (1/2.3 type) CCD, Primary color filter

Specifications

Total pixel number of camera: Approx. 20.4 megapixels Effective pixel number of camera: Approx. 20.1 megapixels Lens: 63× zoom lens

f = 4.4 mm - 277 mm (24.5 mm - 1550 mm (35 mm film equivalent)) F3.4 (W) - F6.5 (T)

While shooting movies (16:9): 32.1 mm – 2 029 mm While shooting movies (4:3): 29.2 mm - 1849 mm

SteadyShot: Optical Burst shooting (when shooting with the largest pixel number): Approx. 0.71 image/second (up to 100 images)

Still images: JPEG (DCF, Exif, MPF Baseline) compliant, DPOF compatible Movies: MPEG-4 AVC/H.264

Recording media: Internal Memory (Approx. 55 MB), 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. 0.4 m to 8.8 m (1.3 ft to 28.8 ft) (W) Approx. 3.5 m to 4.6 m (11.4 ft to 15.0 ft) (T)

[Input and Output connectors] USB / A/V OUT jack:

Video output Audio output

File format:

USB communication USB communication: Hi-Speed USB (USB 2.0)

[Viewfinder]

Type: Electronic viewfinde Total number of dots: 201 600 dots equivalent Frame coverage: 100%

LCD screen: 7.5 cm (3.0 type) TFT drive Total number of dots: 460 800 dots

[Power, general]

Speaker: Monaural

Output voltage: DC 5 V, 0.5 A

Rechargeable battery pack NP-BX1

Battery type: Lithium-ion battery

Maximum charge voltage: DC 4.2 V

Maximum charge current: 1.89 A

Maximum voltage: DC 4.2 V

Nominal voltage: DC 3.6 V

4.5 Wh (1 240 mAh)

Power: Rechargeable battery pack NP-BX1, 3.6 V AC Adaptor AC-UB10C, 5 V

Power consumption (during shooting): Approx. 1.5 W 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 6 mm x 95 0 mm x 122 3 mm (5 1/8 in x 3 3/4 in x 4 7/8 in) (W/H/D)

Approx. 50 mm × 22 mm × 54 mm (2 inches × 7/8 inches × 2 1/4 inches) (W/H/D)

Mass (CIPA compliant) (including NP-BX1 battery pack, Memory Stick PRO Duo media): Approx. 655 g (1 lb 7.1 oz) Microphone: Monaural

Power requirements: AC 100 V to 240 V, 50 Hz/60 Hz, 70 mA

Design and specifications are subject to change without notice.

Operating temperature: 0 °C to 40 °C (32 °F to 104 °F)

Storage temperature: -20 °C to +60 °C (-4 °F to +140 °F)

Exif Print: Compatible PRINT Image Matching III: Compatible Television programs, films, videotapes, and other materials may be copyrighted. AC Adaptor AC-UB10C

Unauthorized recording of such materials may be contrary to the provisions of the

No compensation for damaged content or recording failure

to keep away from metal materials when carrying or storing.

Sony cannot compensate for failure to record or loss or damage of recorded content due to a malfunction of the camera or recording media, etc. On moisture condensation

If the camera is brought directly from a cold to a warm location, moisture may condense inside or outside the camera. This moisture condensation may cause a malfunction of the camera.

If moisture condensation occurs

Turn off the camera and wait about an hour for the moisture to evaporate. Note that if you attempt to shoot with moisture remaining inside the lens, you will be unable to record clear images.

How to store the battery pack • To prevent staining the terminal, short-circuiting, etc., be sure to use a plastic bag, etc.

• A battery pack that has not been used for more than one year may have deteriorated

• Do not crush and do not expose the battery pack to any shock or force such as hammering

• Do not short circuit and do not allow metal objects to come into contact with the battery

• Do not expose to high temperature above 60°C (140°F) such as in direct sunlight or in a car

Do not incinerate or dispose of in fire.

• Do not handle damaged or leaking lithium ion batteries

Keep the battery pack out of the reach of small children

• Replace only with the same or equivalent type recommended by Sony.

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

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,

If static electricity or electromagnetism causes data transfer to discontinue midway (fail), restart

for using connection cables shorter than 3 meters (9.8 feet).

Disposal of waste batteries and electrical and electronic equipment (applicable in the European Union and other European countries with

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 0.0005% mercury or 0.004% lead. By ensuring these products and batteries are disposed of correctly, you will help prevent potentially negative

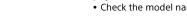
nappropriate waste handling. The recycling of the materials will help to conserve natural In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery this battery should be replaced by qualified service staff only. To ensure that 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









• Rechargeable battery pack NP-BX1 (1)

• Shoulder strap (1) Lens cap (1)

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.

Model No. DSC-H400 Serial No.

Model No. AC-UB10C Serial No.

INSTRUCTIONS

To reduce fire or shock hazard, do not expose the unit to rain or

IMPORTANT SAFETY INSTRUCTIONS -SAVE THESE INSTRUCTIONS

DANGER TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE

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. Observe the following cautions.

dropping or stepping on it.

parked in the sun.

• 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 dry.

• Dispose of used battery packs promptly as described in the instructions.

For Customers in Europe

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

The electromagnetic fields at the specific frequencies may influence the picture and sound of

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 certain

consequences for the environment and human health which could otherwise be caused by

disposal service or the shop where you purchased the product or battery.

• For details on applications for Mac computers, visit the following URL: http://www.sonv.co.ip/imsoft/Mac/

Обратите внимание!



Объективы



Вспышки





Фотопринтеры



Штативы



Сумки для фотокамер



Подводные боксы