

Operating Instructions
Before operating the unit, please read this manual and "User's Guide/Troubleshooting" (separate volume) thoroughly, and retain them for future reference.



Checking the accessories supplied

- Ni-MH battery charger BC-CS2A/CS2B (1)/Power cord (mains lead) (1)
- HR6 (size AA) Nickel-Metal Hydride batteries (2)/Battery case (1)
- USB cable (1)
- A/V cable (1)
- Shoulder strap (1)
- Lens hood (1)/Adaptor ring (1)
- Lens cap (1)/Lens cap strap (1)
- CD-ROM (Cyber-shot application software) (1)
- Operating instructions: "Read This First" (this manual) (1)
- Operating instructions: "User's Guide/Troubleshooting" (1)

A "Memory Stick Duo" is not supplied.

The camera has its own internal memory (30 MB), however, purchase of a "Memory Stick Duo" is recommended for shooting more images.

"Memory Stick Duo": you can use a "Memory Stick Duo" with your camera.



"Memory Stick": you cannot use a "Memory Stick" with your camera.



Other memory cards cannot be used.
• For details on "Memory Stick Duo" → "User's Guide/Troubleshooting" (page 108)

Notes

- Charge the batteries (supplied) before using the camera for the first time.
- The LCD screen is manufactured using extremely high-precision technology so over 99.99% of the pixels are operational for effective use. However, there may be some tiny black points and/or bright points (white, red, blue or green in color) that constantly appear on the LCD screen. These points are normal in the manufacturing process and do not affect the recording in any way.
- The camera is a precision instrument. Be careful not to bump the lens or the LCD screen, and not to apply force to it. Attach the shoulder strap to prevent the camera from damage by being dropped, etc. → "User's Guide/Troubleshooting" (page 20).

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

1 Prepare the batteries

1 Insert the batteries.
Match ⊕/⊖ and insert.

2 Connect the power cord (mains lead).
To wall outlet (wall socket)

CHARGE lamp
Light on: Charging
Light off: Completed (Remove the batteries.)

- Connect the battery charger to an easily accessible wall outlet (wall socket) close by.
- Even if the CHARGE lamp is not lit, the battery charger is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet (wall socket). If some trouble occurs while using the battery charger, immediately shut off the power by disconnecting the plug from the wall outlet (wall socket).
- When charging is finished, disconnect the power cord (mains lead) from the wall outlet (wall socket), and remove the Nickel-Metal Hydride batteries from the battery charger.
- Time required to charge fully depleted Nickel-Metal Hydride batteries (supplied) at a temperature of 25°C (77°F) is approximately 6 hours. Charging may take longer under certain circumstances or conditions.
- The CHARGE lamp may remain lit longer than six hours, but this is not a malfunction.

4 Insert the charged batteries.

Bottom

While pressing OPEN, open the battery cover.

Match ⊕/⊖ and insert.

Close the cover.

Using batteries other than the supplied ones

You can use HR 15/51:HR6 (size AA) Nickel-Metal Hydride batteries/R6 (size AA) alkaline battery/ZR6 (size AA) Oxy Nickel Primary Battery. → "User's Guide/Troubleshooting" (page 110)

Using the AC Adaptor

You can connect the camera to a wall outlet (wall socket) using the AC-LS5K AC Adaptor (not supplied). → "User's Guide/Troubleshooting" (page 19). Refer to the operating instructions supplied with the AC Adaptor.

To check the remaining battery level

Press POWER to turn on and check the level on the screen.

Battery remaining indicator				
Battery remaining guidelines	Sufficient power remaining	Battery half full	Battery low, recording/playback will stop soon.	Change the batteries with fully charged ones, or charge the batteries. (The warning indicator flashes.)

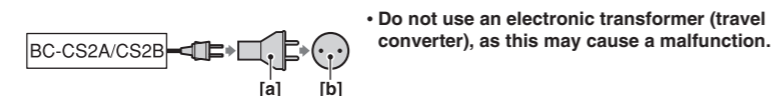
- The displayed time remaining may not be correct under certain circumstances.
- When using R6 (size AA) alkaline battery/Oxy Nickel Primary Battery, the battery remaining indicator does not display the correct information.
- When the AC Adaptor (not supplied) is used, the battery remaining indicator is not displayed.

To remove the batteries

Hold the camera with the battery cover facing upward, then open the battery cover and remove the batteries. Be careful not to drop the batteries.

To use your camera abroad — Power sources

You can use your camera, the supplied battery charger, and the AC-LS5K AC Adaptor (not supplied) in any country or region where the power supply is within 100 V to 240 V AC, 50/60 Hz. Use a commercially available AC plug adaptor [a], if necessary, depending on the design of the wall outlet (wall socket) [b].



2 Turn the camera on/set the clock

1 Select

2 Press the POWER button.
Lighting

3 Set the clock with the control button.

1 Select the date display format with ▲/▼, then press ●.

2 Select each item with ◀/▶ and set the numeric value with ▲/▼, then press ●.

3 Select [OK] with ▶, then press ●.

• To cancel, select [Cancel] and press ●.

3 Insert a "Memory Stick Duo" (not supplied)

Open the "Memory Stick Duo" cover.

Insert the "Memory Stick Duo" all the way in until it clicks.

Close the cover.

When there is no "Memory Stick Duo" inserted

The camera records/plays back images using the internal memory (30 MB). → "User's Guide/Troubleshooting" (page 29)

4 Select the image size for use

1 Select a mode.
Still image:
Movie:

2 Press

3 Select the size with ▲/▼.

4 Press to complete the setting.

• The screen above is for still images.
• For movies, select [640(Fine)] ("Memory Stick PRO Duo" only), [640(Standard)] or [160].

To change the date and time

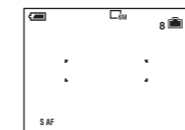
Select [Clock Set] in the (Setup) screen and perform the procedure in step 3 above. → "User's Guide/Troubleshooting" (pages 56 and 68)

On the clock display

- Midnight is indicated as 12:00 AM, and noon as 12:00 PM.
- If you selected [D/M/Y] in step 3-1, set the time on a 24-hour cycle.

When turning on the power

- Unless you set the clock, the Clock Set screen appears each time the camera is turned on.
- Do not touch the lens portion as the lens portion extends. Also, do not leave the camera with the lens portion extended for a long period of time with the power off as this may cause malfunction.
- The following screen appears when the camera is turned on for the second time or afterwards.



To turn off the power

- Press the POWER button again.
- If the camera is running on battery power and you do not operate the camera for about three minutes, the camera turns off automatically to prevent wearing down the batteries (Auto power-off function).

Changing the language setting

You can change the screen display to show messages in a specified language. To change the language setting, press MENU to display the menu screen. Select (Setup) with the control button, then, select [A Language] in (Setup1), and select the desired language. → "User's Guide/Troubleshooting" (page 65)

On still image sizes

For details on the image size → "User's Guide/Troubleshooting" (page 16)

The default settings are marked with ✓.

Image size	Guidelines	No. of images	Printing
✓ 6M	Up to A4/8×10" print	Less ↕ More	Fine ↕ Rough
3:2 ¹⁾	Match 3:2 Aspect Ratio		
3M	Up to 13×18cm/5×7" print		
2M	Up to 10×15cm/4×6" print		
VGA	For E-mail		
16:9 ²⁾	Display On 16:9 HDTV ³⁾		

¹⁾ Images are recorded in the same 3:2 aspect ratio as photograph printing paper or postcards, etc.
²⁾ Both edges of the image may be cut off when printing → "User's Guide/Troubleshooting" (page 102)
³⁾ By using a Memory Stick slot or USB connection, you can enjoy higher quality images.

On the recordable number of still images and recordable time of movies

Recordable number of still images and recordable time of movies vary depending on the image size selected.

For details on recordable number or time → "User's Guide/Troubleshooting" (page 28)

Still images: Maximum number of recordable images (106)

Movies: Maximum recordable time (00:01:27)

- The number of recordable images and time can differ according to shooting conditions.

To remove a "Memory Stick Duo"

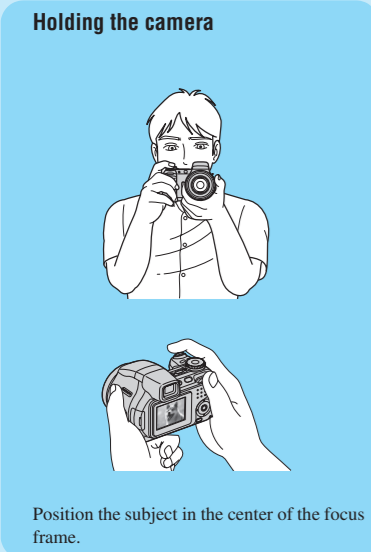
"Memory Stick Duo" cover

Open the "Memory Stick Duo" cover, then push the "Memory Stick Duo" in once.

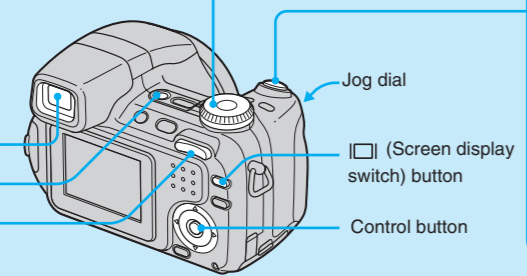
When the access lamp is lit

Never open the battery cover, remove the "Memory Stick Duo" or turn off the power. The data may be corrupted.

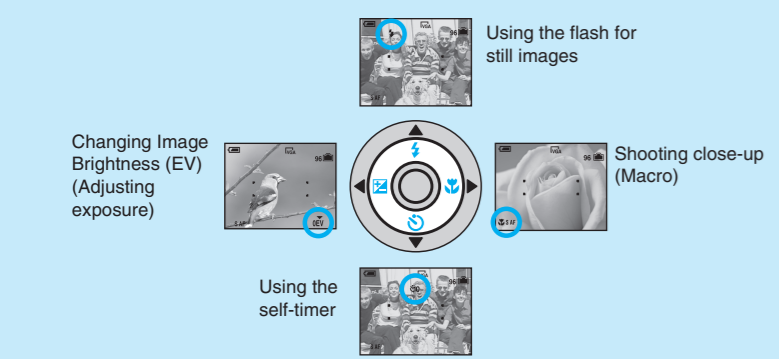
5 Shoot images easily (Auto adjustment mode)



- Select a mode.**
Still image (auto adjustment mode):
Select .
Movie:
Select .

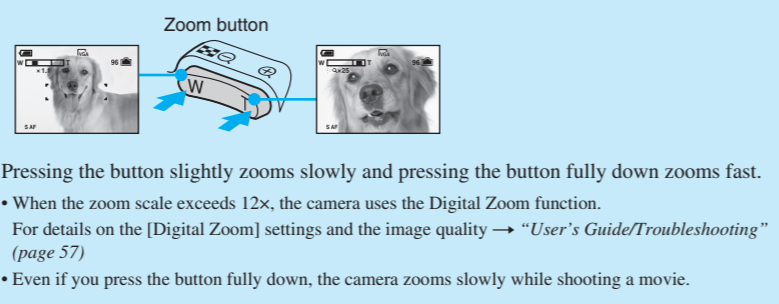


Using the control button



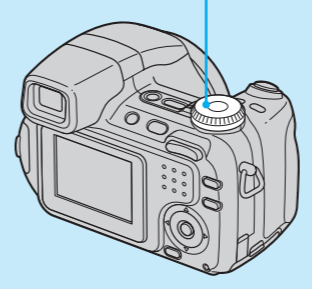
- Shoot with the shutter button.**
Still image:
Press and hold the shutter button halfway down to focus. AE/AF lock indicator Flashing → lit/beeps
Press the shutter button fully down. The shutter sounds.
Movie:
Press the shutter button fully down.
To stop recording, press the shutter button fully down again.

Using the zoom



Shoot still images (Scene Selection)

- Select the desired mode of Scene Selection (ISO, High Sensitivity, High-Speed Shutter, Landscape, Portrait, Beach).**
- Shoot with the shutter button.**



On Function Guide

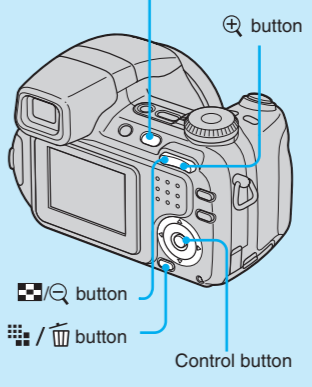
The operational instructions displayed on the Function Guide are automatically turned off in a few seconds. When you want to cancel the Function Guide, press the shutter button halfway down. You can set the Function Guide not to be displayed on the [Setup] screen. → "User's Guide/Troubleshooting" (page 58)

To cancel the Scene Selection

Set the mode dial to other than the mode of Scene Selection.

6 View/delete images

- Press (Playback).**
If you press button when the camera is powered off, the camera is turned on in the playback mode.
- Select an image with .**
Still image: the image size is displayed
Movie: is displayed
You can easily view the next/previous image by turning the jog dial.
Movie:
To playback a movie, press .
Rewind/Fast forward: (Return to normal playback:)
Volume: (Return to normal playback:)
Stop playback:

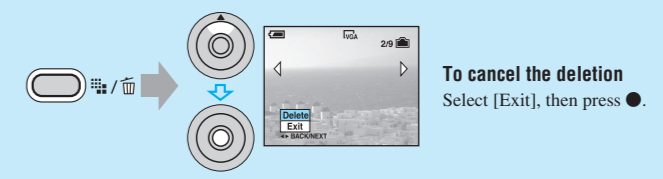


To return to the shooting mode

- Press (Playback) again.
- Press and hold the shutter button halfway down.
- Change the position of the mode dial.

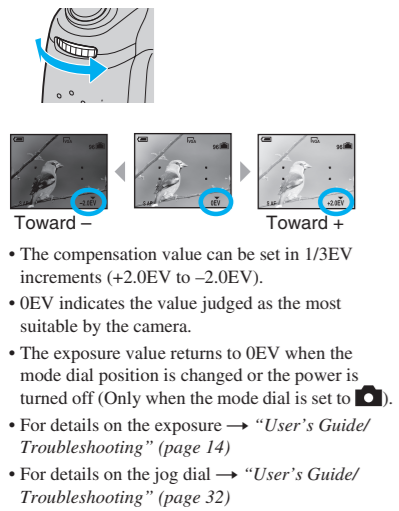
To delete images

- Display the image you want to delete and press (Delete).
- Select [Delete] with , then press .



Changing Image Brightness (EV) (Adjusting exposure)

Before Step 2, press on the control button. Adjust the image brightness by turning the jog dial. + (Brighter) / - (Darker).



T side: Approx. 0.9 to 6.8 m (35 1/2 inches to 22 feet 3 3/4 inches)

- The flash strobes twice. The first time is to adjust the light quantity.

Shooting close-up (Macro)

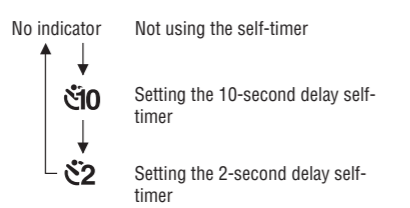
Before step 2, press on the control button. To cancel, press again.

- Setting the zoom all the way to the W side is recommended.
- The in-focus range becomes narrow, and the complete subject may not entirely be in focus.
- The Auto Focus speed drops.

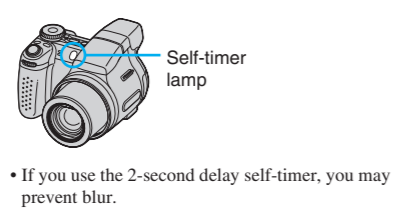
Shortest shooting distance from the lens surface
Setting all the way to the W side: Approx. 2 cm (13/16 inches)
Setting all the way to the T side: Approx. 90 cm (35 1/2 inches)

Using the self-timer

Before Step 2, press on the control button repeatedly until the desired mode is selected.



Press the shutter button, the self-timer lamp flashes, and a beep sounds until the shutter operates. To cancel, press until the indicator disappears.



If you shoot a still image of a subject that is difficult to focus on

- The shortest shooting distance is 50 cm (19 3/4 inches) (W)/90 cm (35 1/2 inches) (T). Shoot in the close-up (Macro) mode (left) when shooting a subject closer than the shortest shooting distance.
- When the camera cannot focus on the subject automatically, the AE/AF lock indicator changes to flashing slowly and the beep does not sound (except for Continuous AF, → "User's Guide/Troubleshooting" (page 57)). Recompose the shot and focus again.

- Subjects difficult to focus on are:**
- Distant from the camera and dark
 - Moving fast
 - The contrast between the subject and its background is poor.
 - Reflective light or with a lustrous finish
 - Seen through glass
 - Flashing
 - Backlit

Anti-blur function

The anti-blur function is equipped with the camera. To cancel the anti-blur function, set the mode dial to other than , then press the (STEADY SHOT) button (above) to display the . To turn on the anti-blur function, press the (STEADY SHOT) button again.

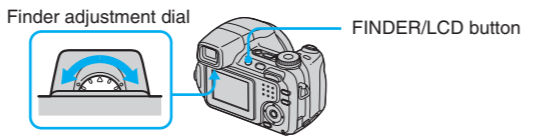
- When the mode dial is set to , you cannot cancel the anti-blur function.
- You can change the anti-blur mode → "User's Guide/Troubleshooting" (page 61).

To identify items on the screen

→ "User's Guide/Troubleshooting" (page 22)

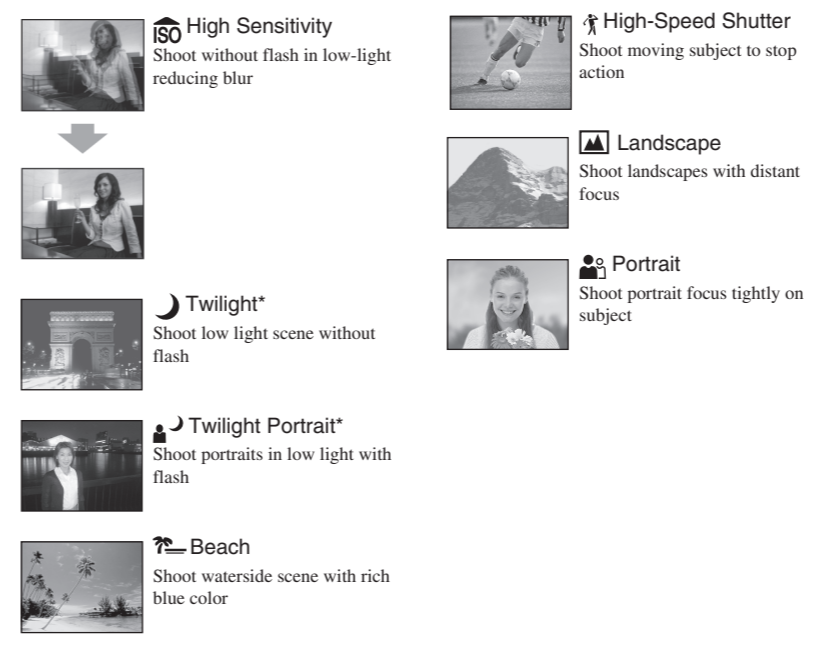
To shoot using the finder

With the FINDER/LCD button, you can choose to shoot either using the finder or the LCD screen. When you use the finder, the image does not appear on the LCD screen. Adjust the finder adjustment dial to your eyesight so that the image appears clearly within the finder, then shoot the image.



Scene Selection modes

The following modes are predetermined to match the scene conditions.



*The shutter speed becomes slower, so using a tripod is recommended.

To use the functions set by the control button with Scene Selection

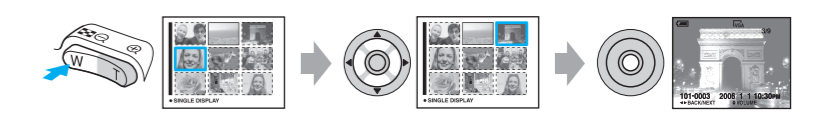
Before shooting in step 2, select the settings with the control button. Some functions are not available, depending on the Scene Selection mode. When you press the button to select functions that cannot be combined with Scene Selection, a beep sounds. → "User's Guide/Troubleshooting" (page 34)

To view an enlarged image (playback zoom)

Press while displaying a still image. To undo the zoom, press . Adjust the portion: . Cancel playback zoom: . To store enlarged images: [Trimming] → "User's Guide/Troubleshooting" (page 55)

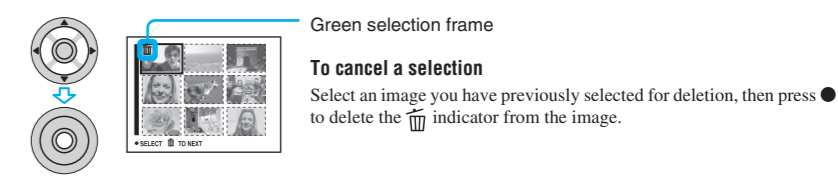
Viewing an index screen

Press (Index) and select an image with . To return to the single-image screen, press . To display the next (previous) index screen, press .



To delete images in index mode

- While an index screen is displayed, press (Delete) and select [Select] with on the control button, then press .
- Select the image you want to delete with , then press to display the (Delete) indicator on the selected image.



- Press (Delete).
 - Select [OK] with , then press .
- To delete all the images in the folder, select [All In This Folder] with in step 1 instead of [Select], then press .