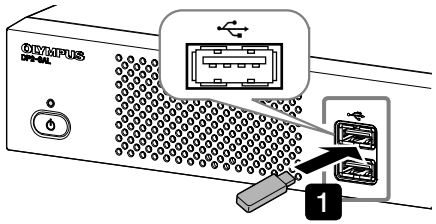
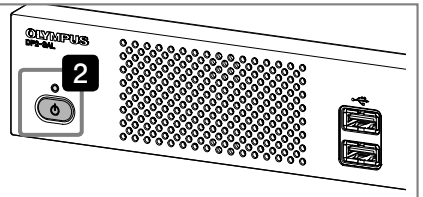
DP2-SAL Quick Operation Manual - Acquisition -

Acquisition procedures



1 Insert the USB memory.

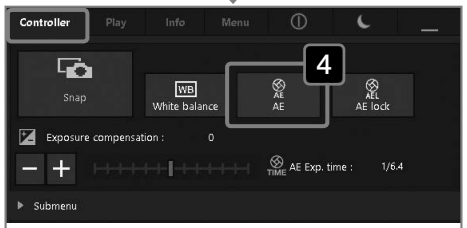


2 Turn ON the main switch of the control box D2-CB.
The control window is displayed in the upper right area of the display.
(If nothing is shown on the display, see the back page.)

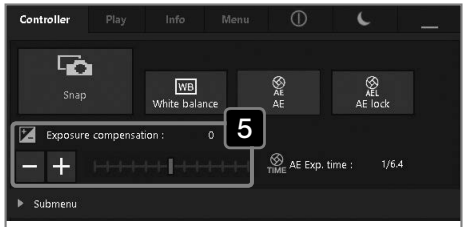
3 Adjust the microscope setting

- Change the light path selection knob of the microscope to the acquisition (camera) light path.
- Insert the LBD filter into the light path of the microscope.
- Adjust the light intensity of the microscope.
- In the camera of CX microscope, to get the maximum color reproduction, set the light intensity closer to maximum.

(Refer to the microscope instruction manual for details.)

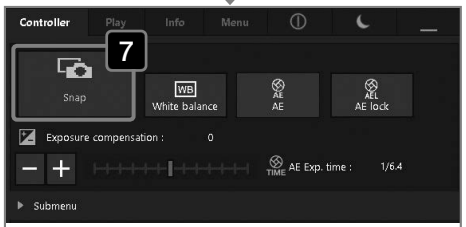


4 Set the AE (Auto Exposure) mode
Select the [Controller] tab and press the [AE] button, then the button will turn in blue.



5 Adjust brightness
Press the + or − button of [Exposure Compensation].
When observing a dark specimen, adjust in the + direction
When observing a bright specimen, adjust in the - direction.

6 Confirm live image
Confirm the focus and the framing (acquisition area) of the specimen on the display.



7 Acquire still images
Press the [Snap] button.

7 Record movies
If the setting items of Submenu are not displayed, press [Submenu] to show them.
Press the [Movie] button to start recording.
Press the [Movie] button again to stop recording.

8 Confirm acquisition results
Select the [Play] tab to confirm the acquisition results. (See the back page for explanation)

9 Exit observation
Press the [Shutdown] button. (See the back page for explanation)

Frequently used shortcut keys

Function	Shortcut keys
Acquire still images	Double-click (double-tap) on the live image.
	[F8] key *
Acquire movies	[Shift]+[F8] key *
Exit camera control software and display Windows® desktop	[Ctrl]+[Alt]+[End] key *

* The keyboard must be connected for these operations.

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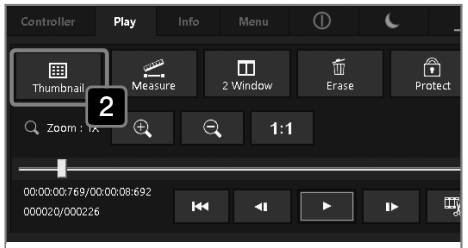
DP2-SAL Quick Operation Manual - Play -

Play procedures

1 Display the [Play] tab.

Select the [Play] tab.



2 Display thumbnail.

Press the [Thumbnail] button.

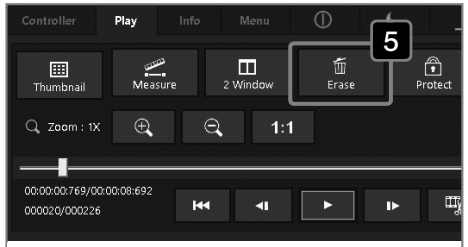
3 Select files

Select the file you want to display from the thumbnail in the lower area of the display.

- Icons displayed in the thumbnail
  - : Protected image
  - : Movie file

4 Display zoom

Change the zoom by pressing [Zoom in], [Zoom out] or [Actual size] button.



5 Delete files.

Select the thumbnail in the lower area of the display and press the [Erase] button.

Main factory default settings

- Still image resolution: 1920 x 1440 (DP22)
  2448 x 1920 (DP27)
- Exposure compensation: ±0
- White balance: Auto
- AE area: Spot 30%
- AE mode: Auto
- Sharpness: Normal
- ISO sensitivity: 200 (DP22), 100 (DP27)
- Image color: High fidelity

(Refer to the DP2-SAL instructions for details.)

Shutdown and Sleep

Button	Function
⏻	The system shuts down and the main switch of the control box D2-CB is turned OFF.
☾	DP2-SAL is in a sleep status (Operations are paused). In the sleep status, if you click the mouse or touch the touch panel display, DP2-SAL resumes operations immediately.

Playing movies

To play the movie file ( ), use these buttons.

Button	Function
⏮	Back to top.
◂▮	Back to previous frame.
▸	Play/Pause
▮▸	Go to next frame.
✂	Extract current frame as the image.

Show/Hide control window

Button	Function
—	The control window is hidden.
⤢	The control window is shown again. (Upper right area of the display)

Protect (delete-prohibited)

Pressing this button after selecting any image enables to protect (prohibit to delete) the selected image. Press this button again to cancel the protection.

CAUTION

Protected images ( ) cannot be deleted. (Delete images after canceling the protection.)

When nothing is shown on the display:

Connect the keyboard to the control box and press the main switch of the control box D2-CB while pressing [Alt] + [M] keys. Then you can use DP2-SAL with XGA(1024x768). Please try this.