

# Optical Disc Archive Utility

Help

ODS-D55U

ODS-D77U

ODS-D280U

ODS-D380U

# About the Optical Disc Archive Software

## Overview

This software can perform the following functions to ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U on the computer connected to ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.

- **Information display function**
  - Drive information
  - Media information
- **Setup function**
  - Operation mode settings
  - Write-protect settings for media using Cartridge Memory
- **Media manipulation function**
  - Rollback
  - Format
  - Finalize
  - Recover file
  - Duplicate volume
- **Maintenance function**
  - Update firmware
  - Log display and export
  - System Check

## Related Manual

### OPERATION MANUAL

This manual is supplied with the ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.

It describes how to use the ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U and the supplied software.



obtain this software and documentation by searching for the target model name, such as "ODS-380U".)

b) The SuperSpeed USB (USB 3.2) connection may not achieve the desired transfer speed.



Start [Explorer] > [Organize] > [Folder Options] > Select [View] tab, then deselect the checkbox of [Hide empty drives in the Computer folder].

# About the Optical Disc Archive Utility

## Starting and Quitting the Software

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### Starting


First make sure that the ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U is connected to the computer. For details on connection, refer to the OPERATION MANUAL.

To start this software, perform one of the following.

- Click the [Start] button on the computer to which the ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U is connected, and then select [Sony Optical Disc Archive Software] > [Optical Disc Archive Utility].
- Open the folder in which this software is installed, and then double-click [ODAUtility.exe].
- If you created a shortcut icon on the desktop when you installed this software, double-click the icon.

### Quitting

Perform one of the following.

- Click the  (close) button in the top right corner of the window.
- Right-click the title bar, and select [Close] from the context menu.
- While this software is active, press Alt + F4 (press the F4 key while holding down the Alt key).
- Select [View] > [Close] from the menubar.





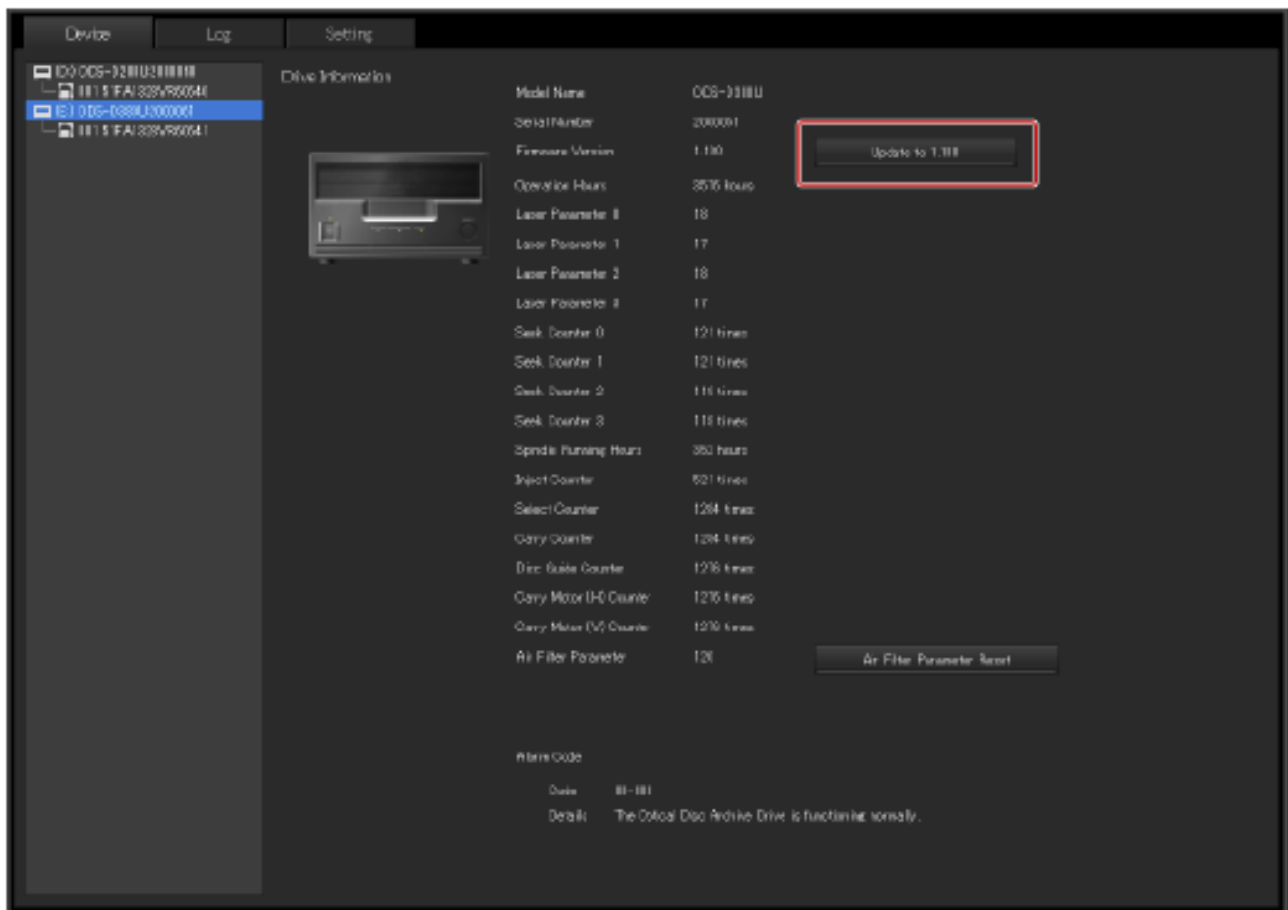












## How to update the firmware

1. Click the [Update to 1.630] button <sup>a)</sup>.

"Do you want to update the firmware?" appears.

2. Click the [Yes] button.

"Updating the firmware. Do not turn off the PC and the drive; do not disconnect cables during the update." appears and the update starts.

After a certain period of time, the drive will restart and the update will be complete.

a) Update when the firmware version in this package is 1.630.

## Related Topics

Device screen-Screen Organization

## Rollback

If you delete the file system control information or media file accidentally, you can restore the file by searching for the roll-back points.



















Item	Information displayed
Type	Displays the type of log (information/warning/error)
Time	The time when log occurred.
Contents	Contents of log

## Export button

Exports the log to any desired location.

### Note

You cannot select the capacity for the Optical Disc Archive Drive.

## How to export the log

1. Click the [Export] button.  
The [Save as] screen is displayed.
2. Designate the file name and the destination to save, then click the [Save] button.  
"Export completed." appears.
3. Click the [Close] button.  
The log is exported to the designated place.

### Refreshing the Display

Select [Update] from the View menu.

### Note

- A drive log may not be available with the old version of the Optical Disc Drive firmware.
- A drive log is not available from the drive with a cartridge injected.

# Setting screen

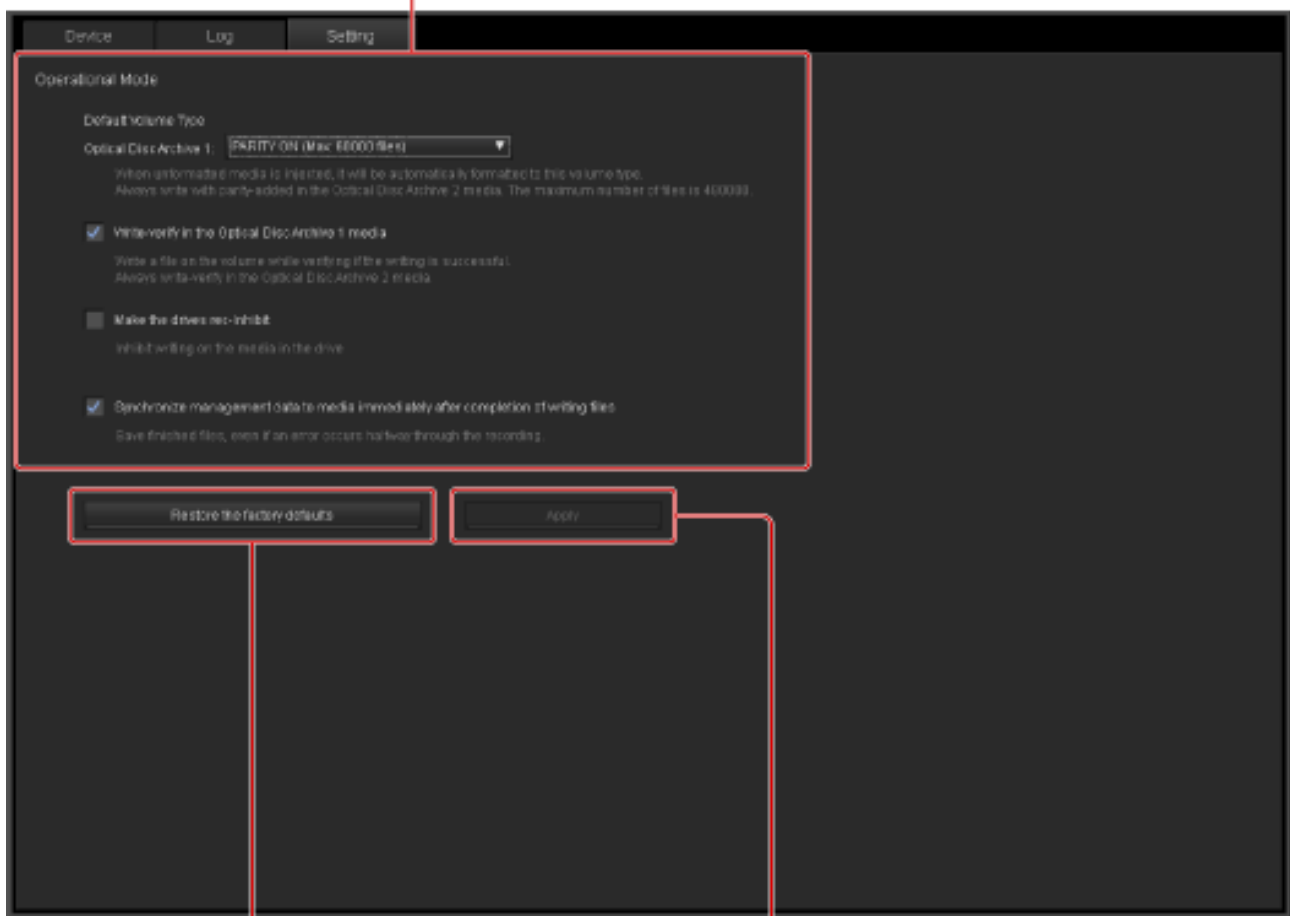
## Setting screen-Screen Organization

Sets the Operational mode for ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U and the Optical Disc Archive Software.

### Note

To validate change of a setup, it is necessary to re-inject the cartridge.

## Operational Mode



[Restore the factory defaults] button

[Apply] button

## Operational Mode

Operational Mode	Information
Write-verify	<p>Write-verify in the Optical Disc Archive 1 media</p> <p>Write a file on the volume while verifying if the writing is successful.</p> <p>Always write-verify in the Optical Disc Archive 2/3 media.</p> <p><b>Note</b></p> <p>Transfer speed will be changed. For details, refer to the ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U OPERATION MANUAL.</p>
Make the drives rec-Inhibit	Prevents from writing to the drive.

Operational Mode	Information
Synchronizes management data to media, immediately after completion of writing files	<p>Saves finished files, even if an error occurs halfway through the recording.</p> <p><b>Note</b></p> <p>“File System” operation mode: ON – Default setting Even in the event of a drive power interruption or a failure in recording a file, previously finished files are safely stored. Next time the volume is mounted, only the damaged file during recording due to such interruptions is deleted, while the other completed files are recovered automatically. This is because system information is updated and written every time a new file is recorded. It is recommended to set to [ON], when safety comes on top of your priorities.</p> <p>“File System” operation mode: OFF The [OFF] mode provides improved performance in recording a series of small files. In addition, it enhances the efficiency rate of cartridge usage. On the other hand, many files could possibly be deleted due to troubles such as a power interruption during successive recordings. This is because system information is updated and written once, right after consecutive files are recorded. In the case of a recording trouble, a rollback occurs and it returns to the previous state before you start recording a series of files. Next time the volume is mounted, the last complete file system update written to the cartridge is valid. All previous small files unaccompanied by complete file system records will be deleted and irrecoverable. For this reason, it is recommended to set to [ON] under unstable power supply environments.</p>
Default Volume Type	<p>Optical Disc Archive 1 :</p> <p>When unformatted media is injected, it will be automatically formatted to this volume type.</p> <p>Always write with parity-added in the Optical Disc Archive 2/3 media. The maximum number of files is 480000/800000 respectively.</p> <p><b>Note</b></p> <p>When parity-added write is performed, broken files will be recovered/restored since performing “Recover File” corrects the error with parity information.</p>

### **[Restore the factory defaults] button**

Restores the operational mode to the factory default settings.

### **[Apply] button**

Determines the operational mode.

## **How to change the Operational Mode**

1. Select a check box of the Operational Mode. Select [Default Volume Type] from the pull-down menu.
2. Click the [Apply] button.

“Operational mode setting has been changed. Reinject the cartridge to activate the mode newly set.” appears.
3. Click the [Close] button.
4. Re-inject the cartridge.

The operational mode is changed.

## **How to return the operational mode to the factory default setting**

1. Click the [Restore the factory defaults] button.

“Do you want to restore the factory defaults of operational mode settings?” appears.
2. Click the [Yes] button.

“Operational mode setting has been changed. Reinject the cartridge to activate the mode newly set.” appears.
3. Click the [Close] button.
4. Re-inject the cartridge.

The operational mode returns to the factory default setting.

# **Appendix**

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## **Alarm Code List**

The contents of the alarm displayed on the drive information in the device screen are listed according to each state of ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.

When the error is eliminated, the indicator goes off.

- Alarms when a Cartridge is injected
- Alarms during Operation
- Alarms Relating to Sensors and Drives

## Alarms when a Cartridge is injected

LED <sup>a)</sup>	Alarm code	Description	Possible solution
Flashes four times per second	50-010 50-011 51-020 51-021 54-008	The management area of the disc is unreadable.	Unusable media; inject another cartridge.
	51-500	Unsupported disc. The latest firmware is required to use the media.	Get the latest Optical Disc Archive Software, install it, and update the firmware.
Flashes every second	21-001 6D-000	This cartridge is nearing the end of its use cycle.	You are recommended to duplicate the data to another cartridge.
	21-100	Unusable media;	Consult your Sony Service representative.
	21-101	There may be a problem with the media.	You are recommended to duplicate the data to another cartridge. See the latest release notes for details.
	21-102	The cartridge is mounted read-only.	You are recommended to duplicate the data to another cartridge. See the latest release notes for details.
	54-009	The cartridge and the disc do not correspond.	Unusable media; inject another cartridge.
	54-000 54-001 54-002 54-003	Unsupported format of the disc.	Unusable media; inject another cartridge.
	54-006	Unsupported format of the cartridge memory.	Unusable media; inject another cartridge.
	54-004 54-005 54-007 95-517 95-518	Inaccessible to the cartridge memory.	Reinject the cartridge.

a) ALARM indicator on the ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.

## Related Topics

Alarms during Operation

Alarms Relating to Sensors and Drives

## Alarms during Operation

LED <sup>a)</sup>	Alarm code	Description	Possible solution
Flashes every second	6D-001	Unusable media;	Consult your Sony Service representative.
	6D-002	There may be a problem with the media.	You are recommended to duplicate the data to another cartridge. See the latest release notes for details.
	54-200 54-201 53-502	Detected an error in the management area of the disc.	Reinject the cartridge.
	54-004 54-005 54-007 95-517 95-518	Inaccessible to the cartridge memory.	Reinject the cartridge.
	54-006	Unsupported format of the cartridge memory.	Unusable media; inject another cartridge.
	54-300	Physical format of the disc for recording is being restored.	Do not turn off the power while an error occurs. The cartridge is being repaired. As this process may take a few minutes, wait until the process is complete without turning off the power.

LED <sup>a)</sup>	Alarm code	Description	Possible solution
Non-lighting	22-001	Multiple, simultaneous access were frequently made to the cartridge.	Do not conduct the following operation; performance may decline. <ul style="list-style-type: none"> <li>• Reading multiple files at the same time</li> <li>• Reading (writing) a file while it is being written (read)</li> <li>• Producing a duplicate copy of a file in the same volume</li> </ul> For details, see "Inadvisable Operations."
	91-552	Mounting failed.	Eject the cartridge and insert the same cartridge again.
	91-553	A read error occurred.	
	91-554	A write error occurred.	
	91-556	Some of the parity recorded on the media may be corrupted.	You are recommended to duplicate the data to another cartridge. See the latest release notes for details.
	91-558	The maximum data transfer size for the fiber channel host bus adaptor is not set correctly.	For details, refer to ODS-D380F Technical Note.
	91-559	Unable to access the path to store the file system cache.	Consult your Sony Service representative.

a) ALARM indicator on the ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.

## Related Topics

Alarms when a Cartridge is injected

Alarms Relating to Sensors and Drives



LED <sup>a)</sup>	Alarm code	Description	Possible solution
Flashes four times per second	3E-501	The drive is not set horizontally.	Turn off and turn on the drive after setting the drive horizontally.
	20-xxx	Detected an abnormality in the mechanical control of the drive.	Please push the EJECT button and eject the cartridge when the cartridge is not ejected. Turn off and turn on the drive if the cartridge cannot be ejected.
	20-117	Detected an abnormality in the mechanical control of the drive.	There is a possibility that the cartridge unable to handle was injected.
	52-00B 52-08B 52-10B 52-18B 72-00B 72-08B 72-10B 72-18B	Inaccessible to the disc.	Reinject the cartridge.
Flashes every second	6F-E00 6F-E80 6F-F00 6F-F80 8F-E00 8F-E80 8F-F00 8F-F80	Unable to write to the disc.	Reinject the cartridge.
Flashes four times per second	6F-E03 6F-E83 6F-F03 6F-F83 8F-E03 8F-E83 8F-F03 8F-F83	Inaccessible to the disc.	Reinject the cartridge.

LED <sup>a)</sup>	Alarm code	Description	Possible solution
Flashes every second	3F-511	It is time for replacement of the air filter.	Replace the air filter. <sup>b)</sup>
	02-605	The amount of light in the optical block has been reduced due to dirt and other factors.	Consult your Sony Service representative.
	02-685		
	02-705		
	02-785		
	12-605		
	12-685		
	12-705		
	12-785		

a) ALARM indicator on the ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.

b) For details, refer to the operation manual.

## Related Topics

Alarms when a Cartridge is injected

Alarms during Operation











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```
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