

# Optical Disc Archive Utility

Help

ODS-D55U

ODS-D77U

ODS-D280U

ODS-D380U

# Acerca de Optical Disc Archive Software

## Descripción general

Este software permite realizar las siguientes funciones en la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U en el ordenador conectado a la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.

- **Función de visualización de información**
  - Información de la unidad
  - Información de soporte
- **Función de configuración**
  - Ajustes de modo operativo
  - Ajustes de protección contra escritura para soportes con la memoria del cartucho
- **Función de manipulación de soportes**
  - Desinstalar actualizaciones
  - Formatear
  - Finalizar
  - Recuperar archivo
  - Duplicar volumen
- **Función de mantenimiento**
  - Actualizar firmware
  - Visualizar y exportar registros
  - Comprobación del sistema

## Manual relacionado

### MANUAL DE INSTRUCCIONES

Este manual está incluido con la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.

Explica cómo utilizar la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U y el software incluido.

# Requisitos del sistema

Este software requiere un ordenador que cumpla con los siguientes requisitos.

Opción	Requisito
Procesador	<p>ODS-D55U/D77U/D77UA:</p> <p>Intel Core 2 Duo a 2,66 GHz o superior o Intel Xeon a 2,0 GHz o superior</p> <p>ODS-D280U:</p> <p>Intel Core i5 de 3.ª generación a 2,5 GHz o superior o Intel Xeon a 2,27 GHz o superior</p> <p>ODS-D380U:</p> <p>Intel Core i5 de 6.ª generación a 2,3 GHz o Intel Xeon a 2,0 GHz o superior</p>
Memoria	<p>ODS-D55U/D77U/D77UA:</p> <p>2 GB × (número de unidades conectadas + 1) o más</p> <p>ODS-D280U/D380U:</p> <p>4 GB × (número de unidades conectadas + 1) o más</p>
Espacio disponible en la ubicación de destino para la instalación	<p>ODS-D55U/D77U/D77UA:</p> <p>32 GB + 16 GB × (número de unidades conectadas + 1) o más</p> <p>ODS-D280U:</p> <p>32 GB + 32 GB × (número de unidades conectadas + 1) o más</p> <p>ODS-D380U:</p> <p>64 GB + 64 GB × (número de unidades conectadas + 1) o más</p>
Sistema operativo	Consulte el sitio web de productos profesionales de Sony. <sup>a)</sup>
Otros	<p>ODS-D55U/D77U/D77UA:</p> <p>USB de alta velocidad (USB 2.0)</p> <p>(Requiere un controlador de host de USB de alta velocidad (USB 2.0))</p> <p>SuperSpeed USB (USB 3.2)</p> <p>(Requiere un controlador de host de SuperSpeed USB)</p> <p>ODS-D280U:</p> <p>SuperSpeed USB (USB 3.2)</p> <p>(Requiere un controlador de host de SuperSpeed USB)</p> <p>ODS-D380U:</p> <p>SuperSpeed USB 10 Gbps (USB 3.2)</p> <p>(Requiere un controlador de host de SuperSpeed USB 10 Gbps (USB 3.2))</p> <p>SuperSpeed USB (USB 3.2) <sup>b)</sup></p> <p>(Requiere un controlador de host de SuperSpeed USB)</p>

a) Sitio web de productos profesionales de Sony

Japón <https://www.sony.jp/professional/>

Países/regiones distintos de Japón

<https://pro.sony/product-resources/product-resources-search/>  
(Puede elegir su región e idioma en [Change Country, Region or

Language] al final de la página. Además, puede obtener este software y documentación buscando por el nombre de modelo, como "ODS-380U".)

b) Es posible que la conexión SuperSpeed USB (USB 3.2) no alcance la velocidad de transferencia deseada.

# Acerca de Optical Disc Archive Utility

## Abrir y cerrar el software


### Abrir

Para abrir este software, realice alguna de las siguientes operaciones.

- Abra la carpeta en la que está instalado este software (/usr/bin/odautility).
- Seleccione [Optical Disc Archive Utility] en las herramientas del sistema del menú de la aplicación.

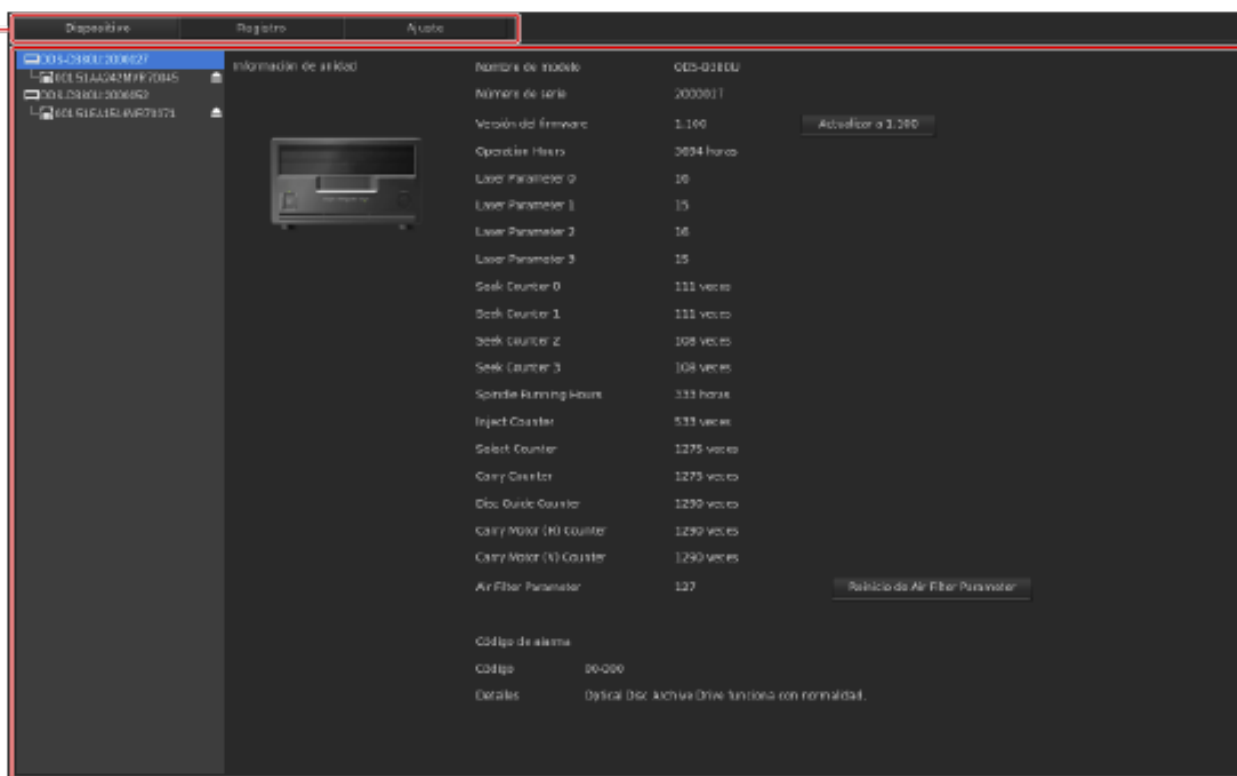
### Salir

Realice una de las siguientes operaciones.

- Haga clic con el botón derecho en la barra de título de este software para seleccionar [Cerrar].
- Haga clic en el botón  (cerrar) de la barra de título.
- Con este software activo, pulse Alt + F4 (mantenga pulsada la tecla Alt mientras pulsa la tecla F4).

## Organización de la pantalla

Pestaña



Sección de visualización de información/sección de trabajo

### Barra de menús

Haga clic en el nombre de un menú para mostrar sus opciones.

## Pestaña

Permite alternar entre las pantallas Dispositivo, Registro y Configuración.

## Sección de visualización de información/sección de trabajo

Aparece la pantalla seleccionada en la pestaña.

## Opciones de la barra de menús

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La barra de menús incluye los siguientes menús y comandos.

### Menú Ver

Minimizar

Mover

Siempre arriba

Siempre en un espacio de trabajo visible

Solo en este espacio de trabajo

Mover a la derecha del espacio de trabajo \*Si el espacio de trabajo está situado a la izquierda

o

Mover a la izquierda del espacio de trabajo \*Si el espacio de trabajo está situado a la derecha

Cerrar

### Menú Herramientas

#### Comprobación del sistema

Determina si Optical Disc Archive Software funciona correctamente.

Esta función utiliza CoreMark-Pro, un software basado en las referencias de EEMBC, para analizar el rendimiento de la CPU.



<http://www.eembc.org/>

#### Nota

No significa que el rendimiento esté garantizado.

### Cambio de destino de caché de archivos

Modifica el destino de almacenamiento de la caché de archivos.

### Temas relacionados

Abrir y cerrar el software

## Funciones de las pantallas de funcionamiento

### Pantalla del dispositivo

#### Pantalla Dispositivo-Organización de la pantalla

##### Sección del árbol: información de unidad

Dispositivo

Registro

Ajuste


001-03801-2006021

001-03801-2006021

001-03801-2006021

001-03801-2006021

Información de unidad



Nombre de modelo

001-03801

Nombre de serie

2006021

Versión del firmware

1.100

Actualizar a 1.200

Operación Hora

2694 horas

Laser Parameter 0

16

Laser Parameter 1

15

Laser Parameter 2

16

Laser Parameter 3

15

Seek Counter 0

111 veces

Seek Counter 1

111 veces

Seek Counter 2

108 veces

Seek Counter 3

108 veces

Spindle Running Hours

333 horas

Inject Counter

533 veces

Select Counter

1275 veces

Copy Counter

1275 veces

Doc Guide Counter

1290 veces

Copy Motor (R) Counter

1290 veces

Copy Motor (N) Counter

1290 veces

Air Filter Parameter

127

Reinicio de Air Filter Parameter

Código de alarma

Código

00-000

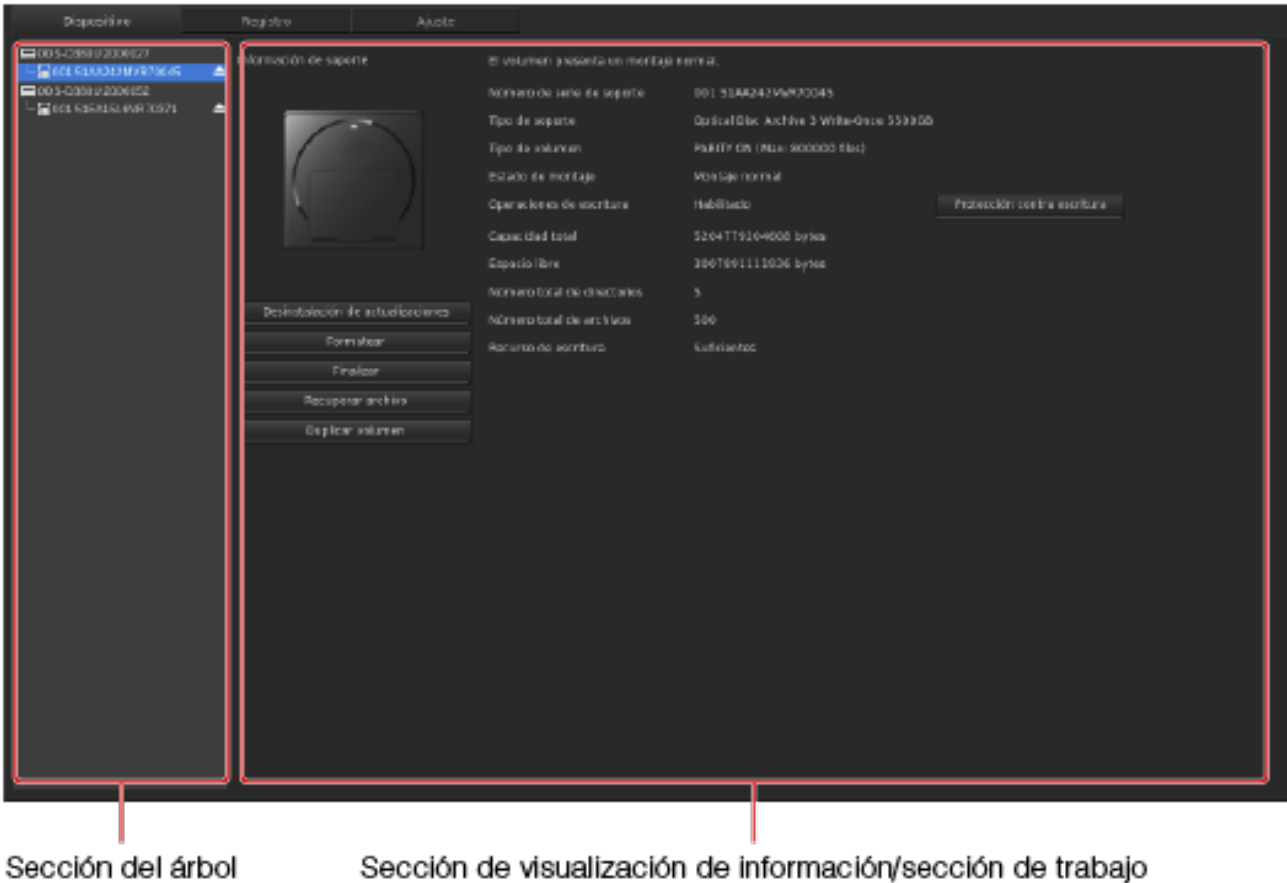
Detalles

Optical Disc Archive Drive funciona con normalidad.

Sección del árbol

Sección de visualización de información/sección de trabajo

## Sección del árbol: información de soporte



En la sección del árbol aparecen la unidad conectada (nombre de modelo y número de serie) y el soporte. El icono de expulsión aparece en el extremo derecho de la lista. En la sección de visualización de información/sección de trabajo de la parte derecha de la lista aparecerá información sobre la unidad o el soporte seleccionado.

### Nota

- Un ordenador puede conectarse a cuatro unidades.
- Si no se puede expulsar el soporte, asegúrese de que ninguna otra aplicación está utilizando el cartucho.

## Sección de visualización de información/sección de trabajo

Muestra la información o las acciones relacionadas con la unidad o el soporte seleccionado en la sección del árbol.

### Información de unidad

Opción	Información mostrada
Nombre de modelo	Nombre de la unidad seleccionada (ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U)
Número de serie	Número de serie de la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U seleccionada
Versión del firmware	Versión del firmware de la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U seleccionada

Opción	Información mostrada
Operation Hours <sup>a)</sup>	Número total de horas que la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U ha estado encendida (unidad: horas)
Laser Parameter de 0 a 3 <sup>a)</sup>	Tiempo de emisión de luz acumulado del cabezal óptico
Seek Counter de 0 a 3 <sup>a)</sup>	Número de operaciones de búsqueda acumuladas del cabezal óptico
Spindle Running Hours <sup>a)</sup>	Tiempo de rotación acumulado del eje (unidad: horas)
Inject Counter <sup>a)</sup>	Número total de veces que se ha insertado el cartucho
Select Counter <sup>a)</sup>	Número de selecciones en el disco interno
Carry Counter <sup>a)</sup>	Número de transportes en el disco interno
Disc Guide Counter	Número total de transportes del disco utilizando los rodillos de transporte de discos
Carry Motor (H) Counter	Número total de transportes del disco utilizando el Carry Motor (H)
Carry Motor (V) Counter	Número total de transportes del disco utilizando el Carry Motor (V)
Air Filter Parameter	Tiempo de funcionamiento acumulado del filtro de aire (reinicio posible) <sup>b)</sup>
Código de alarma	Muestra información sobre las alarmas que pueden haberse producido en la unidad seleccionada.

a) Esta pantalla muestra información sobre el historial de operaciones de la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.

Utilice la información a modo de referencia para programar el mantenimiento periódico. Para obtener más información sobre el mantenimiento periódico, consulte con su representante de asistencia de Sony.

b) Para obtener más información sobre cómo reiniciar el Air Filter Parameter, consulte el manual de instalación incluido con el filtro de aire (RP).

#### Nota

En función de los modelos, algunas opciones no aparecen.

## Operaciones de la unidad

Opción	Información
Actualizar a 1.090 <sup>c)</sup>	Versión del firmware de la unidad seleccionada

c) Actualizar si la versión del firmware de este paquete es la 1.090.

## Información de soporte

Opción	Información mostrada
Número de serie de soporte	Número de serie del soporte seleccionado
Tipo de soporte	Tipo y capacidad del soporte seleccionado <ul style="list-style-type: none"> <li>Optical Disc Archive 1 Regrabable 300 GB</li> <li>Optical Disc Archive 1 Regrabable 600 GB</li> <li>Optical Disc Archive 1 Regrabable 1.200 GB</li> <li>Optical Disc Archive 1 Grabable una vez 300 GB</li> <li>Optical Disc Archive 1 Grabable una vez 600 GB</li> <li>Optical Disc Archive 1 Grabable una vez 1.500 GB</li> <li>Optical Disc Archive 2 Grabable una vez 3.300 GB</li> <li>Optical Disc Archive 3 Grabable una vez 5.500 GB</li> </ul>
Tipo de volumen	Tipo de volumen del soporte seleccionado
Estado de montaje	Estado de montaje del soporte seleccionado

Opción	Información mostrada
Operaciones de escritura	Pueden realizarse o no operaciones de escritura en el soporte seleccionado.
Capacidad total	Capacidad total del soporte seleccionado
Espacio libre	Disponibilidad para escritura del soporte seleccionado
Número total de directorios	Número total de directorios del soporte seleccionado
Número total de archivos	Número total de archivos del soporte seleccionado
Recuento de reescritura	Número acumulado de reescrituras del soporte seleccionado (solo aparecen los soportes que admiten reescritura)
Recuento de formato	Número acumulado de formateos del soporte seleccionado (solo aparecen los soportes que admiten reescritura)
Recurso de escritura	Aparece [Vacío], [Pocos] o [Suficientes]. (Aparecen únicamente soportes de una sola escritura)

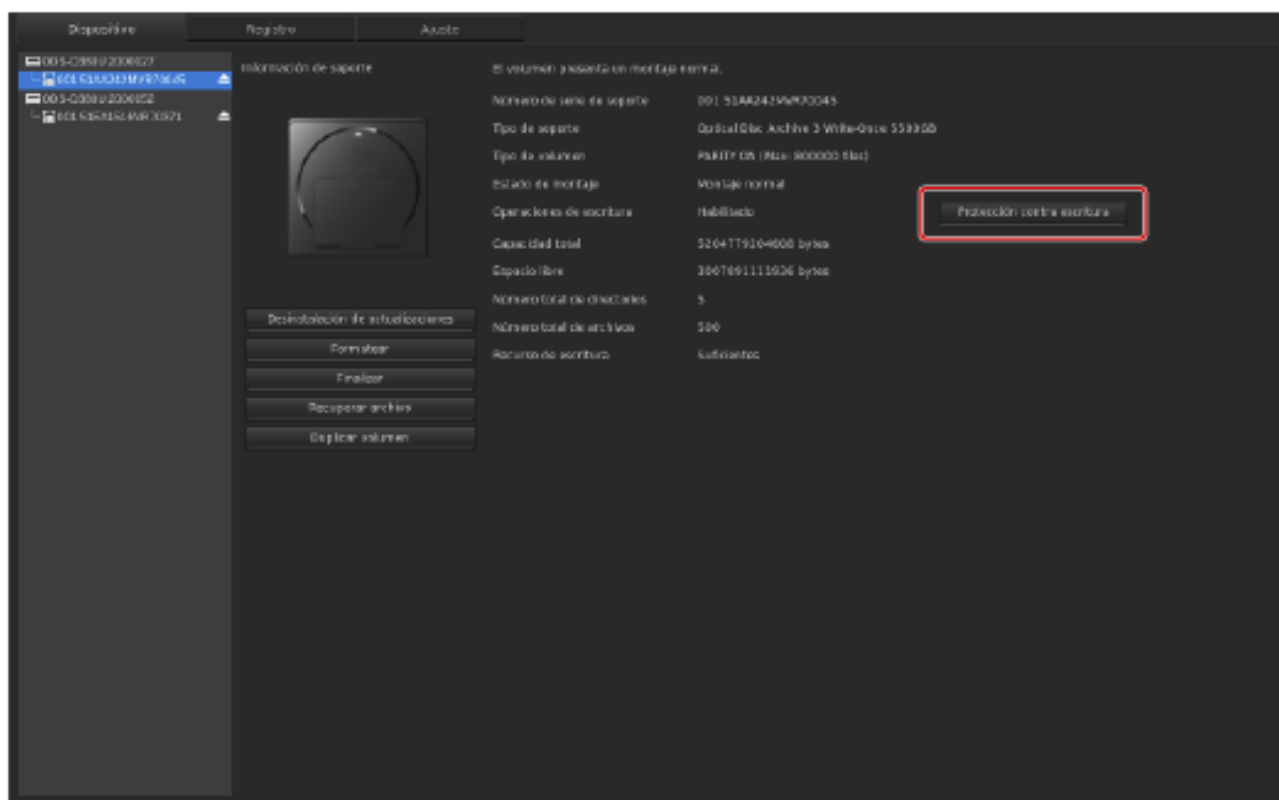
## Operaciones de los soportes

Opción	Información
Botón [Desinstalación de actualizaciones]	Inicia la búsqueda de puntos de desinstalación de actualizaciones.
Botón [Formatear]	Inicia el formateo.
Botón [Finalizar]	Inicia la finalización.
Botón [Recuperar archivo]	Muestra la pantalla de la lista de archivos de recuperación.
Botón [Protección contra escritura (o Desbloquear protección contra escritura) ]	Empieza a aplicar o eliminar la protección contra escritura.
Botón [Duplicar volumen]	Inicia la duplicación del volumen.

## Temas relacionados

Código de alarma

## Pantalla Dispositivo-Ajustes de protección contra escritura para soportes



### Ajustes de protección contra escritura para soportes con la memoria del cartucho

1. Haga clic en el botón [Protección contra escritura].  
Aparece "¿Desea modificar los ajustes de protección contra escritura? En este caso, el cartucho se expulsará automáticamente."
2. Haga clic en el botón [Aplicar].  
El soporte pasa a estar protegido contra escritura y se expulsa el cartucho.

### Para eliminar la protección contra escritura para soportes con la memoria del cartucho

1. Haga clic en el botón [Desbloquear protección contra escritura].  
Aparece "¿Desea modificar los ajustes de protección contra escritura? En este caso, el cartucho se expulsará automáticamente."
2. Haga clic en el botón [Aplicar].  
El soporte deja de estar protegido contra escritura y se expulsa el cartucho.

## Código de alarma

Esta pantalla muestra información sobre las alarmas que pueden haberse producido en la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U seleccionada. Esta información se conserva hasta que el error desaparece.

## Código

Muestra el número de código de la alarma generada en la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U seleccionada.

## Detalles

Muestra información sobre la alarma generada en la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U seleccionada e información sobre cómo responder.

Para obtener más información sobre las alarmas, consulte Lista de códigos de alarma.

## Recarga de la pantalla

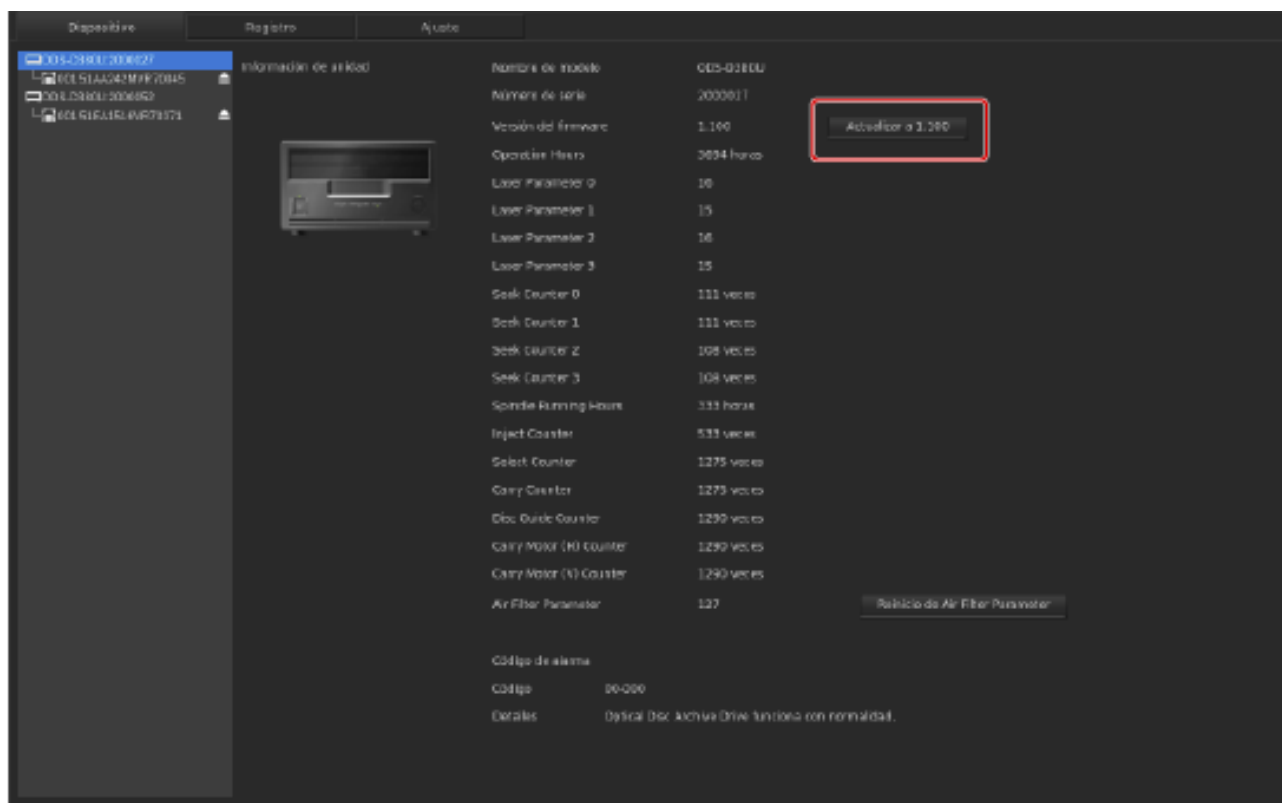
Seleccione [Actualizar] en el menú Ver.

## Temas relacionados

Pantalla Dispositivo-Organización de la pantalla

## Actualizar firmware

Actualiza el firmware de la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.



## Cómo actualizar el firmware

1. Haga clic en el botón [Actualizar a 1.630] <sup>a)</sup>.  
Aparece "¿Desea actualizar el firmware?".
2. Haga clic en el botón [Sí].  
Aparece "Actualizando el firmware. No apague el PC ni la unidad ni desconecte cables durante la

actualización.” y empieza la actualización.

Transcurrido un cierto tiempo, la unidad se reiniciará y se completará la actualización.

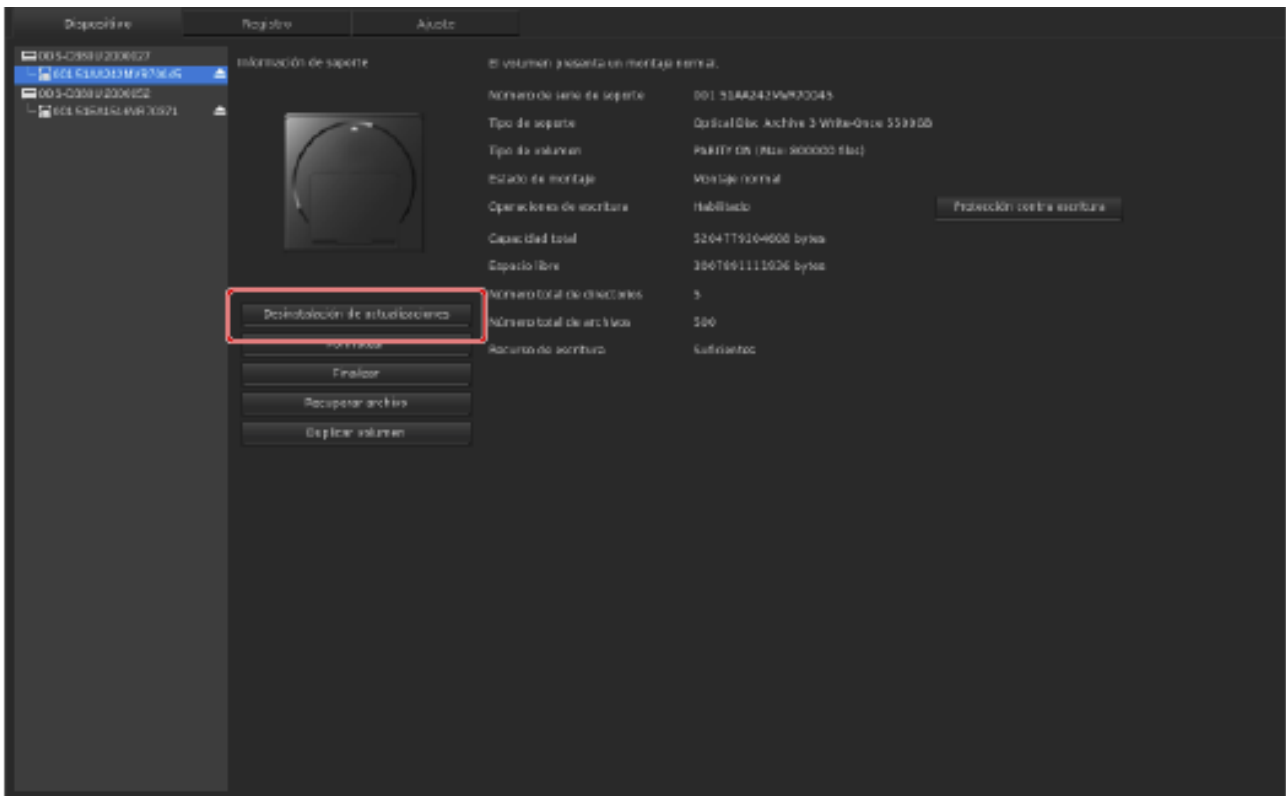
a) Actualizar si la versión del firmware de este paquete es la 1.630.

## Temas relacionados

Pantalla Dispositivo-Organización de la pantalla

## Desinstalar actualizaciones

Si elimina de forma accidental información de control del sistema de archivos o archivos del soporte, puede restaurar el archivo buscando los puntos de desinstalación de actualizaciones.



## Cómo realizar la desinstalación de actualizaciones

1. Haga clic en el botón [Desinstalación de actualizaciones].  
Aparece la pantalla [Buscar puntos de desinstalación de actualizaciones] y empieza la búsqueda de puntos de desinstalación de actualizaciones.
2. Seleccione el punto de desinstalación de actualizaciones en la lista y haga clic en el botón [Montar].  
Aparece el mensaje y empieza el montaje de solo lectura.  
Una vez realizado el montaje de solo lectura, aparece “Montaje de solo lectura en el punto de desinstalación de actualizaciones finalizado. Puede copiar todo el volumen a otro volumen mediante Optical Disc Archive Filer o copiar archivos o directorios en el volumen. También puede seleccionar uno a continuación.”.
3. Seleccione [Aplicación de montaje de escritura en este punto de desinstalación de actualizaciones.] y haga clic en el botón [Aceptar].  
Aparece el mensaje y empieza el montaje de escritura en el punto de desinstalación de

actualizaciones.

Aparece el mensaje "Montaje de escritura aplicado. Desinstalación de actualizaciones completada." y finaliza la desinstalación de actualizaciones.

## **Cómo realizar la desinstalación de actualizaciones (recuperación de capacidad)**

Al utilizar soportes que admiten reescritura, es posible recuperar la capacidad de los soportes realizando una operación de desinstalación de actualizaciones, eliminando el punto de desinstalación de actualizaciones más reciente que el punto de desinstalación de actualizaciones seleccionado.

1. En el paso 3 de "Cómo realizar la desinstalación de actualizaciones", seleccione [Aplicación de montaje de escritura en este punto de desinstalación de actualizaciones.] y [Restablecimiento de la capacidad del soporte.] y haga clic en el botón [Aceptar].

### **Nota**

- No es posible recuperar el punto de desinstalación de actualizaciones eliminado.
- Asegúrese de que ninguna otra aplicación está utilizando el cartucho y, a continuación, realice el proceso de desinstalación.

## **Cómo realizar la desinstalación de actualizaciones (recuperación de archivo)**

Los archivos del volumen pueden recuperarse en un montaje de solo lectura.

1. En el paso 2 de "Cómo realizar la desinstalación de actualizaciones", seleccione [Recuperación de los archivos del volumen.] y haga clic en el botón [Aceptar].

## **Cómo realizar la desinstalación de actualizaciones (duplicación de volumen)**

1. En el paso 3 de "Cómo realizar la desinstalación de actualizaciones", seleccione [Copia duplicada del volumen en otro soporte.] y haga clic en el botón [Aceptar].

Aparece "¿Desea realmente duplicar el volumen? No modifique archivos durante la copia duplicada del volumen."

2. Haga clic en el botón [Sí].

Aparece "Seleccione un destino de la copia duplicada."

3. Seleccione [Seleccione otro volumen.] y haga clic en el botón [Aceptar].

Seleccione una carpeta vacía de otro volumen de la pantalla presentada o haga clic en el botón [Nueva carpeta] para crear una nueva carpeta y, a continuación, haga clic en el botón [Aceptar].

Empieza la duplicación de volumen. El estado de la duplicación aparece en la barra de progreso.

### **Sugerencia**

Al seleccionar el volumen Optical Disc Archive como destino de duplicación y seleccionar [Limitar ampliación de volumen de disco.], puede limitar la grabación de un único archivo en múltiples discos.

## Temas relacionados

Pantalla Dispositivo-Organización de la pantalla

## Formatear

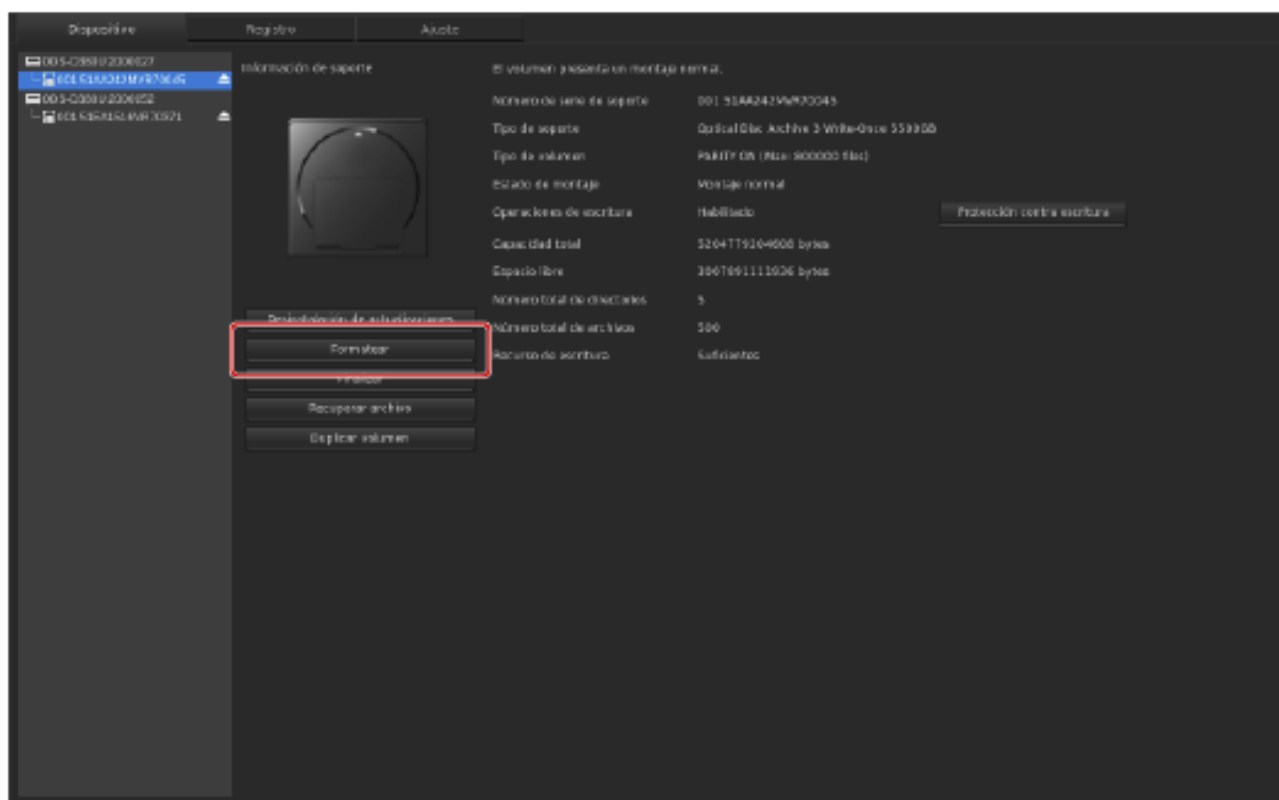
Con esta operación todos los archivos y directorios del soporte se eliminan.

### Sugerencia

Después del formateo, puede volver al estado previo a la operación de formateo mediante una acción de desinstalación de actualizaciones.

### Nota

- Después del formateo no es posible recuperar la capacidad del soporte.
- Si selecciona [Restablecimiento de la capacidad del soporte.], es posible recuperar la capacidad del soporte. De lo contrario, no es posible utilizar la función de desinstalación de actualizaciones.
- Si no es posible formatear  
El soporte está protegido contra escritura. Realice las siguientes comprobaciones y vuelva a realizar el formateo.
  - compruebe si el cartucho permite la escritura con el Optical Disc Archive Drive. (Para obtener más información, consulte el OPERATION MANUAL de la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.)
  - compruebe que la lengüeta de protección contra escritura del cartucho no esté ajustada en [Escritura inhabilitada]. (Para obtener más información, consulte el OPERATION MANUAL de la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.)
  - compruebe que la casilla [Aplicar bloqueo de grabación en las unidades] no esté activada en la pantalla Configuración. (Desactive la casilla y siga los pasos de "Cómo cambiar el modo operativo".)
  - compruebe que [Desbloquear protección contra escritura] no aparece en el botón [Protección contra escritura] de la pantalla Dispositivo/Información del soporte.



## Cómo realizar el formateo

1. Haga clic en el botón [Formatear].  
Aparece "¿Desea realmente formatear el soporte? Si lo formatea, se eliminarán todos los archivos que tenga almacenados.".
2. Haga clic en el botón [Sí].  
Una vez finalizado el formateo, aparece "Formateo completado.".
3. Haga clic en el botón [Cerrar].  
El formateo habrá finalizado.

## Cómo realizar el formateo (recuperación de capacidad)

Si utiliza soportes que admiten reescritura, puede formatear todo el soporte para liberar espacio grabado. Además, puede seleccionar el tipo de volumen entre PARITY ON (máx.: 60.000 archivos) o PARITY OFF (máx.: 240.000 archivos) cuando el cartucho Optical Disc Archive 1 esté insertado.

1. Seleccione [Restablecimiento de la capacidad del soporte.] en el paso 2 anterior y haga clic en el botón [Sí].

## Temas relacionados

Pantalla Dispositivo-Organización de la pantalla

## Finalización (solo soportes de una sola escritura)

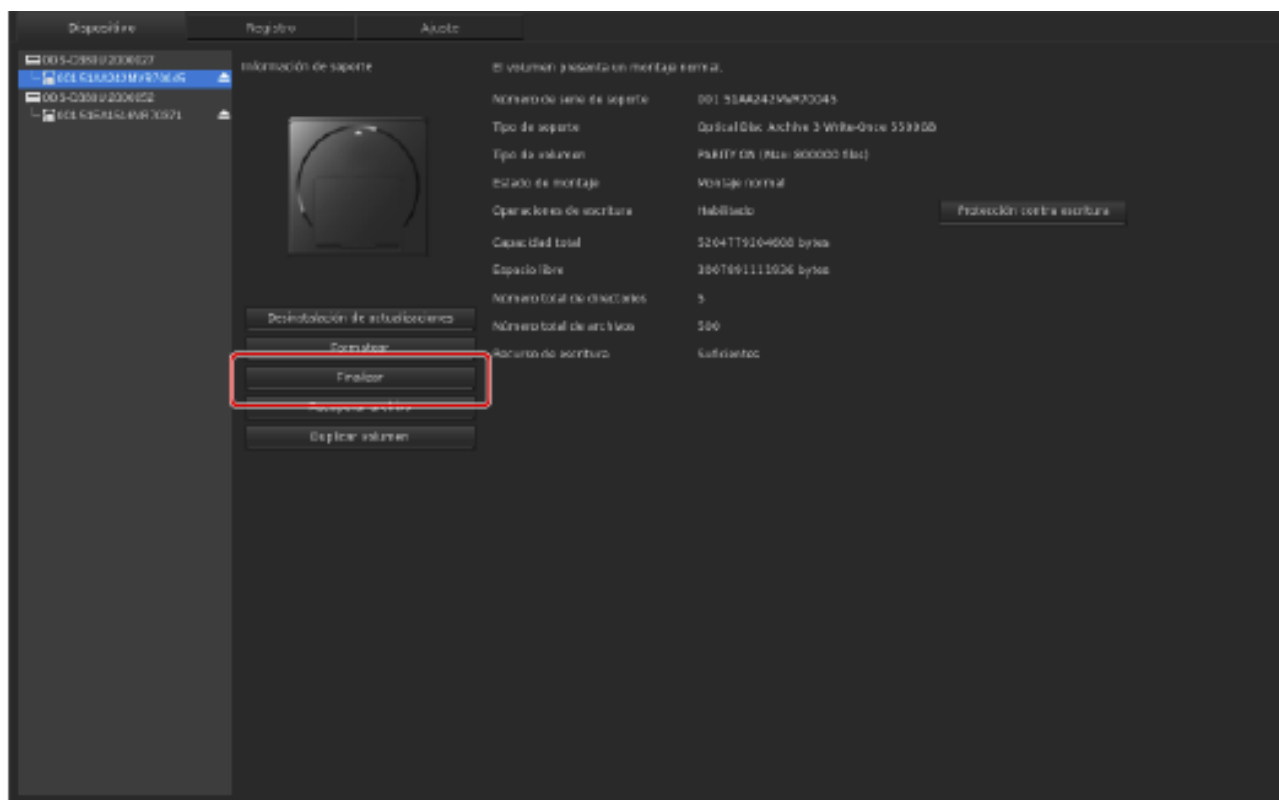
Al finalizar un soporte, el soporte pasa a ser de solo lectura y no permite la escritura. De este modo se mejora la tolerancia de los datos frente a fallos.

## Nota

- Si no es posible finalizar

El soporte está protegido contra escritura. Realice las siguientes comprobaciones y vuelva a realizar la finalización.

- compruebe si el cartucho es compatible con Optical Disc Archive Drive. (Para obtener más información, consulte el OPERATION MANUAL de la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.)
- compruebe que la lengüeta de protección contra escritura del cartucho no esté ajustada en [Escritura inhabilitada]. (Para obtener más información, consulte el OPERATION MANUAL de la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.)
- compruebe que la casilla [Aplicar bloqueo de grabación en las unidades] no esté activada en la pantalla Configuración. (Desactive la casilla y siga los pasos de “Cómo cambiar el modo operativo”.)
- compruebe que [Desbloquear protección contra escritura] no aparece en el botón [Protección contra escritura] de la pantalla Dispositivo/Información del soporte.



## Cómo realizar la finalización

1. Haga clic en el botón [Finalizar].

Aparece “¿Desea realmente finalizar el soporte? Si lo finaliza, pasará a ser de solo lectura. Una vez iniciado el proceso de finalización, es irreversible.”.

2. Haga clic en el botón [Sí].

Una vez completada la finalización, aparece “Finalización completada.”.

3. Haga clic en el botón [Cerrar].

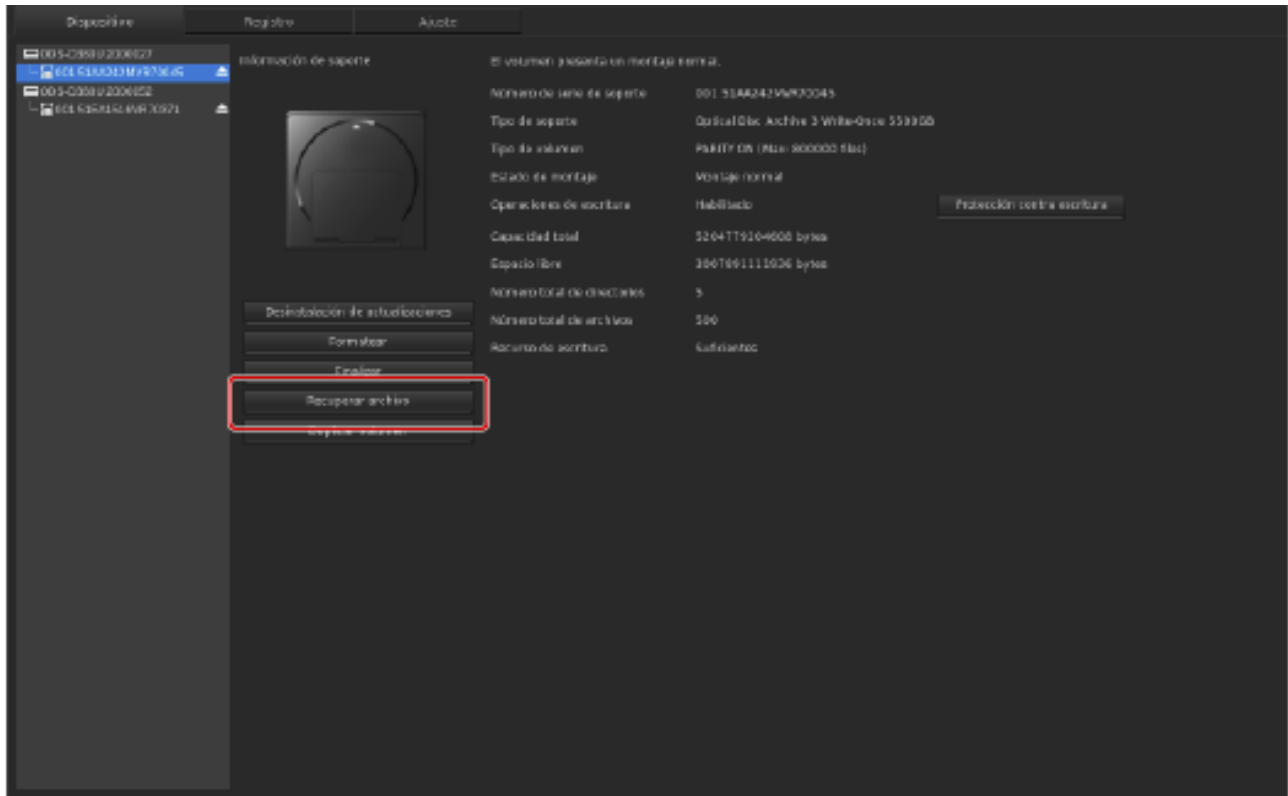
La finalización se habrá completado.

## Temas relacionados

Pantalla Dispositivo-Organización de la pantalla

## Recuperar archivo

Puede recuperar y restaurar archivos dañados.



## Cómo recuperar un archivo

### Registrar un archivo

1. Haga clic en el botón [Recuperar archivo].  
Aparecerá la pantalla de lista.
2. Haga clic en el botón [Añadir archivos].
3. Seleccione el archivo que desea recuperar en la pantalla mostrada y haga clic en el botón [Abrir].  
El archivo que desea recuperar se añade a la lista.

### Sugerencia

También puede arrastrar y soltar un archivo para añadirlo a la pantalla en el paso 3.

### Recuperación de un archivo

1. Haga clic en el botón [Recuperar archivo].  
Aparecerá la pantalla de lista.
2. Seleccione el archivo que desea recuperar y haga clic en el botón [Realizar recuperación].
3. Seleccione el destino en el que desea guardar el archivo recuperado en la pantalla y haga clic en el botón [Aceptar].

Al volver a la pantalla de lista, empieza la recuperación del archivo. Una vez completada la recuperación, "Estado" pasa a "Recuperación completada".

#### **Nota**

Si utiliza [Recuperar archivo], el archivo se recupera del cartucho y se repara, para guardarlo posteriormente en otros dispositivos de almacenamiento, como discos duros.

## **Comprobación del volumen**

Puede comprobar y recuperar el sistema de archivos.

### **Realización de la comprobación del volumen**

1. Haga clic en el botón [Recuperar archivo].  
Aparece la pantalla de la lista.
2. Haga clic en el botón [Comprobación del volumen].  
Aparece "¿Desea realmente realizar la comprobación del volumen?".
3. Haga clic en el botón [Sí].  
Aparece la pantalla de comprobación del volumen y se inicia la comprobación del volumen.
4. Si la comprobación del volumen finaliza correctamente, aparece "No se ha detectado ningún problema."

Si se encuentra algún problema, recupere el volumen siguiendo las instrucciones en pantalla.

#### **Nota**

Para recuperar archivos dañados, consulte "Cómo recuperar un archivo".

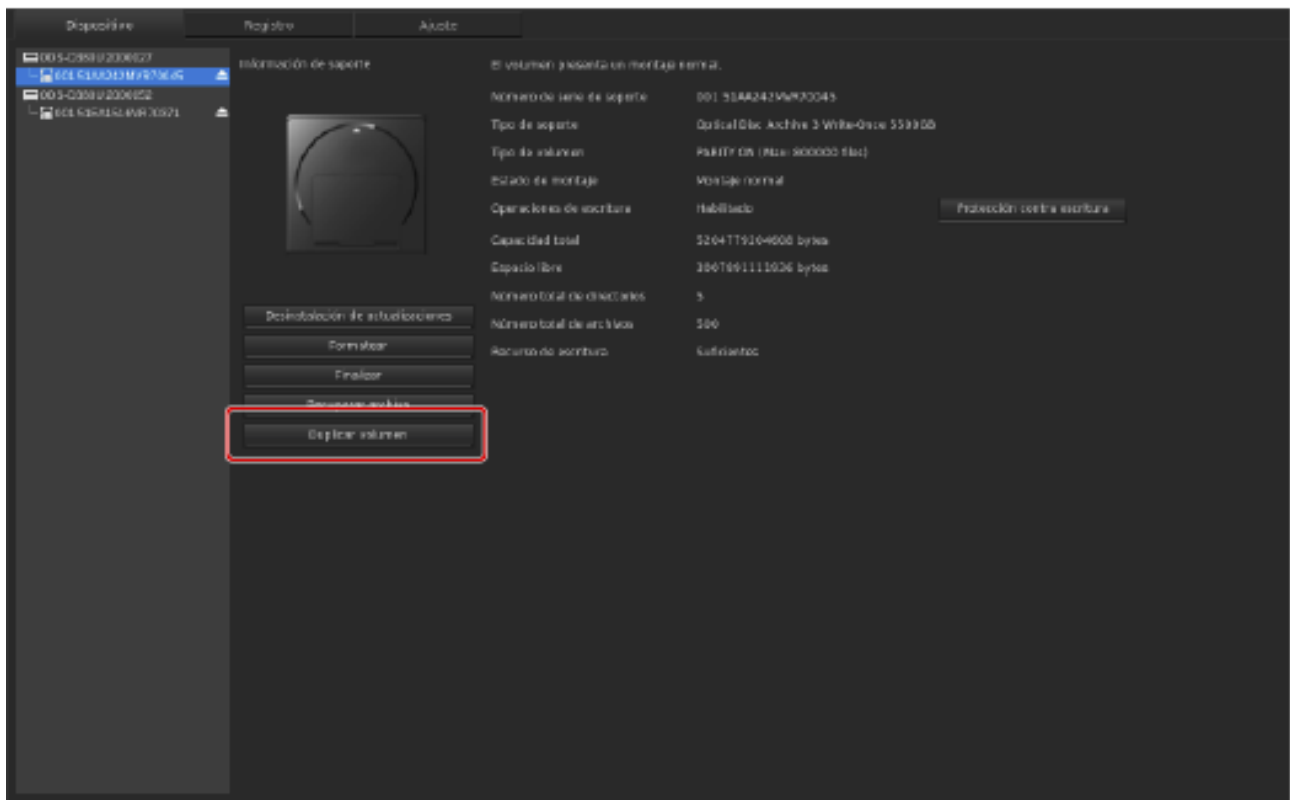
## **Temas relacionados**

Pantalla Dispositivo-Organización de la pantalla

## **Duplicación de volumen**

Puede realizar una copia duplicada de la forma más sencilla de los datos del soporte seleccionado en un volumen o carpeta en otro soporte.

Asimismo, también puede duplicarlo en una unidad de disco duro distinta del cartucho Optical Disc Archive.



## Para realizar una copia duplicada de un volumen Optical Disc Archive a un volumen de otro sistema de archivos, como un disco local

1. Haga clic en el botón [Duplicar volumen].

Aparece "¿Desea realmente duplicar el volumen? No modifique archivos durante la copia duplicada del volumen."

2. Haga clic en el botón [Sí].

Seleccione [Realizar copia duplicada en una unidad de volumen.] o [Realizar copia duplicada en una unidad de carpeta.] y haga clic en el botón [Aceptar]. Al seleccionar [Realizar copia duplicada en una unidad de carpeta.], haga clic en el botón [Referencia] para seleccionar la carpeta que desea duplicar en la pantalla mostrada.

3. Seleccione [Seleccione otro volumen.] y haga clic en el botón [Aceptar].

Seleccione la carpeta que desea duplicar en la pantalla mostrada o cree una nueva carpeta y haga clic en el botón [Aceptar].

4. Seleccione [Interrumpir la copia duplicada del volumen.] o [Reescribir.] y haga clic en el botón [Aceptar].

Empieza la duplicación de volumen. El estado de la duplicación aparece en la barra de progreso.

## Para realizar una copia duplicada de un volumen Optical Disc Archive a otro volumen Optical Disc Archive

1. Haga clic en el botón [Duplicar volumen].

Aparece "¿Desea realmente duplicar el volumen? No modifique archivos durante la copia duplicada del volumen."

2. Haga clic en el botón [Sí].

Seleccione [Realizar copia duplicada en una unidad de volumen.] o [Realizar copia duplicada en una unidad de carpeta.] y haga clic en el botón [Aceptar]. Al seleccionar [Realizar copia duplicada en una unidad de carpeta.], haga clic en el botón [Referencia] para seleccionar la carpeta que desea duplicar en la pantalla mostrada.

3. Seleccione [Seleccione el volumen de Optical Disc Archive Drive.] y otro volumen Optical Disc Archive en el menú desplegable y haga clic en el botón [Aceptar].

Tenga en cuenta que debe seleccionar una carpeta vacía o crear una nueva carpeta.

4. Seleccione [Interrumpir la copia duplicada del volumen.] o [Reescribir.] y haga clic en el botón [Aceptar].

Empieza la duplicación de volumen. El estado de la duplicación aparece en la barra de progreso.

#### **Sugerencia**

Al seleccionar un destino de duplicación y seleccionar [Limitar ampliación de volumen de disco.], puede limitar la grabación de un único archivo en múltiples discos.

## **Para realizar una copia duplicada en el mismo volumen Optical Disc Archive**

1. Haga clic en el botón [Duplicar volumen].

Aparece "¿Desea realmente duplicar el volumen? No modifique archivos durante la copia duplicada del volumen."

2. Haga clic en el botón [Sí].

Seleccione [Realizar copia duplicada en una unidad de volumen.] en la pantalla mostrada y el mismo volumen de Optical Disc Archive en el menú desplegable y haga clic en el botón [Aceptar].

3. Seleccione el destino de la copia de seguridad de otro volumen y haga clic en el botón [Aceptar].

4. Seleccione [Interrumpir la copia duplicada del volumen.] o [Reescribir.] y haga clic en el botón [Aceptar].

Empieza la duplicación de volumen del origen de la duplicación al destino de la copia de seguridad. El estado de la duplicación aparece en la barra de progreso.

Una vez finalizada la duplicación de volumen del origen de la duplicación al destino de la copia de seguridad, el cartucho se expulsa automáticamente y aparece [Inserte otro cartucho como destino de la copia duplicada.].

5. Introduzca el cartucho y haga clic en el botón [Aceptar].

[Si introduce otro cartucho] => Paso 6

[Si introduce el mismo cartucho] => Paso 7

6. Seleccione [Formatee el soporte y utilícelo como destino de la copia duplicada.] o [Realice la copia duplicada en la carpeta seleccionada.] y haga clic en el botón [Aceptar].

Empieza la duplicación de volumen del destino de la copia de seguridad al destino de la duplicación. El estado de la duplicación aparece en la barra de progreso.

7. Aparece [Se ha insertado el mismo cartucho como origen de la copia duplicada. Recomendamos copiar el soporte en otro cartucho.].

Haga clic en [Volver a seleccionar] o [Confirmar].

Si selecciona [Volver a seleccionar], el cartucho se expulsa automáticamente y aparece el mensaje "Inserte otro cartucho como destino de la copia duplicada."

Si selecciona [Confirmar], vaya al paso 6.

### Sugerencia

Al seleccionar un destino de duplicación y seleccionar [Limitar ampliación de volumen de disco.], puede limitar la grabación de un único archivo en múltiples discos.

## Temas relacionados

Pantalla Dispositivo-Organización de la pantalla

## Pantalla de registro

### Pantalla Registro-Organización de la pantalla

El registro recoge las acciones del controlador.



### Fecha

Seleccione la fecha del registro que desea ver.

Haga clic en ▼ para mostrar las fechas del registro en forma de lista.

### Registro

Muestra la lista de registros de la fecha seleccionada.

Puede filtrar los tipos de registro por [Información], [Advertencia] o [Error].

Haga doble clic o clic con el botón derecho en la lista para ver el cuadro de diálogo detallado del registro.

Opción	Información mostrada
Tipo	Muestra el tipo de registro (información/advertencia/error)

Opción	Información mostrada
Hora	Hora a la que se ha producido el registro
Contenidos	Contenido del registro

## Botón Exportar

Permite exportar el registro al lugar deseado.

### Nota

No es posible seleccionar la capacidad para Optical Disc Archive Drive.

## Cómo exportar el registro

1. Haga clic en el botón [Exportar].  
Aparecerá la pantalla [Guardar como].
2. Elija un nombre de archivo y un destino de almacenamiento y haga clic en el botón [Guardar].  
Aparece "Exportación completada".
3. Haga clic en el botón [Cerrar].  
El registro se exporta a la ubicación indicada.

## Recarga de la pantalla

Seleccione [Actualizar] en el menú Ver.

### Nota

- Es posible que no pueda acceder a un registro de la unidad con la versión anterior del firmware de Optical Disc Drive.
- No es posible acceder al registro de la unidad cuando la unidad tiene un cartucho cargado.

# Pantalla de configuración

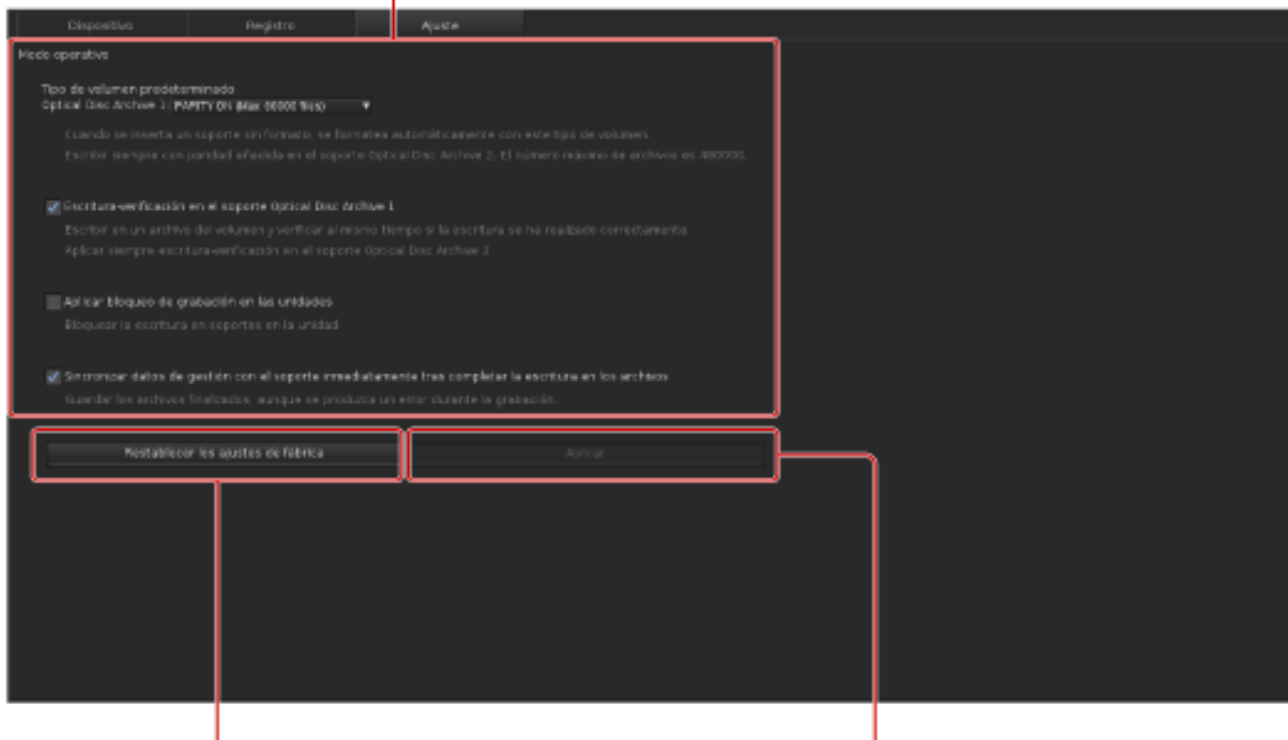
## Pantalla Configuración-Organización de la pantalla

Permite definir el modo operativo de la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U y Optical Disc Archive Software.

### Nota

Para validar la modificación de una configuración, es necesario volver a introducir el cartucho.

## Modo operativo



Botón [Restablecer los ajustes de fábrica]

Botón [Aplicar]

## Modo operativo

Modo operativo	Información
Escritura-verificación	<p>Escritura-verificación en el soporte Optical Disc Archive 1</p> <p>Escribir en un archivo del volumen y verificar al mismo tiempo si la escritura se ha realizado correctamente.</p> <p>Aplicar siempre escritura-verificación en el soporte Optical Disc Archive 2/3.</p> <p><b>Nota</b></p> <p>La velocidad de transferencia se modificará. Para obtener más información, consulte el OPERATION MANUAL de la ODS-D55U/ ODS-D77U/ODS-D280U/ODS-D380U.</p>
Aplicar bloqueo de grabación en las unidades	Impide la escritura en la unidad.

Modo operativo	Información
Sincronizar datos de gestión con el soporte inmediatamente tras completar la escritura en los archivos	<p data-bbox="608 194 1441 275">Guarda los archivos finalizados, aunque se produzca un error a mitad de la grabación.</p> <p data-bbox="608 297 719 333"><b>Nota</b></p> <p data-bbox="608 356 1441 857">Con el modo operativo “Sistema de archivos” activado (configuración predeterminada): aunque se corte la alimentación en la unidad o se produzca un fallo al grabar un archivo, los archivos finalizados anteriormente se guardan sin problemas. La próxima vez que se monte el volumen, solo se eliminarán los archivos dañados durante la grabación a causa de estas interrupciones, mientras que los demás archivos completados se recuperarán automáticamente. El motivo es que la información del sistema se actualiza y escribe cada vez que se graba un nuevo archivo. Se recomienda activar esta opción si la seguridad es su máxima prioridad.</p> <p data-bbox="608 911 1441 1686">Con el modo operativo “Sistema de archivos” desactivado: con el modo desactivado, la grabación de una serie de archivos pequeños puede realizarse de una forma más eficiente. Además, esta opción optimiza el uso del cartucho. La contrapartida es que muchos archivos podrían terminar eliminados a causa de problemas como cortes de la alimentación durante las grabaciones. El motivo es que la información del sistema se actualiza y escribe una sola vez, justo después de grabar archivos de forma consecutiva. En caso de problemas durante la grabación, se aplica una desinstalación de actualizaciones y se recupera el estado anterior a la grabación de la secuencia de archivos. La próxima vez que se monte el volumen, se aplicará la última actualización completa del sistema de archivos escrita en el cartucho. Los archivos pequeños anteriores sin registros completos de sistema de archivos asociados se eliminarán y no podrán recuperarse. Por este motivo, se recomienda activar esta opción en entornos con un sistema de alimentación poco estable.</p>

Modo operativo	Información
Tipo de volumen predeterminado	<p>Optical Disc Archive 1 :</p> <p>Cuando se inserta un soporte sin formato, se formatea automáticamente con este tipo de volumen.</p> <p>Escribir siempre con paridad añadida en el soporte Optical Disc Archive 2/3. El número máximo de archivos es respectivamente 480000/800000.</p> <p><b>Nota</b></p> <p>Si se realiza una escritura con paridad añadida, los archivos dañados se recuperarán/restaurarán, ya que la acción de recuperación de archivo corrige los errores de la información de paridad.</p>

### Botón [Restablecer los ajustes de fábrica]

Restablece el modo operativo seleccionado en la configuración predeterminada de fábrica.

### Botón [Aplicar]

Define el modo operativo.

## Cómo cambiar el modo operativo

1. Seleccione una casilla del modo operativo. Seleccione [Tipo de volumen predeterminado] en el menú desplegable.
2. Haga clic en el botón [Aplicar].  
Aparece "Se ha modificado el ajuste del modo operativo. Vuelva a insertar el cartucho para activar el nuevo modo definido."
3. Haga clic en el botón [Cerrar].
4. Vuelva a introducir el cartucho.  
El modo operativo se habrá modificado.

## Cómo restablecer el modo operativo seleccionado en la configuración predeterminada de fábrica

1. Haga clic en el botón [Restablecer los ajustes de fábrica].  
Aparece "¿Desea restablecer los ajustes de fábrica del modo operativo?"
2. Haga clic en el botón [Sí].  
Aparece "Se ha modificado el ajuste del modo operativo. Vuelva a insertar el cartucho para activar el nuevo modo definido."
3. Haga clic en el botón [Cerrar].
4. Vuelva a introducir el cartucho.  
El modo operativo se restablece al modo seleccionado en la configuración predeterminada de fábrica.

# Apéndice

## Lista de códigos de alarma

El contenido de la alarma mostrada en la información de la unidad, en la pantalla del dispositivo, se ordena en función de los estados de la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.

Una vez eliminado el error, el indicador se apaga.

- Alarmas al introducir un cartucho
- Alarmas durante el funcionamiento
- Alarmas relacionadas con sensores y unidades

### Alarmas al introducir un cartucho

LED <sup>a)</sup>	Código de alarma	Descripción	Posible solución
Parpadea cuatro veces por segundo	50-010	La zona de administración del disco no puede leerse.	El soporte no puede utilizarse. Introduzca otro cartucho.
	50-011		
	51-020		
	51-021		
	54-008	Disco no admitido. Es necesario el firmware más reciente para utilizar el soporte.	Consiga la última versión de Optical Disc Archive Software, instálelo y actualice el firmware.
	51-500		

LED <sup>a)</sup>	Código de alarma	Descripción	Posible solución
Parpadea cada segundo	21-001	El cartucho se está aproximando al final de su ciclo de vida.	Recomendamos realizar una copia duplicada de los datos en otro cartucho.
	6D-000		
	21-100	Soporte no utilizable;	Consulte con su representante del servicio técnico de Sony.
	21-101	Puede que haya un problema con el soporte.	Recomendamos realizar una copia duplicada de los datos en otro cartucho. Consulte las últimas notas de la versión para más información.
	21-102	El cartucho está montado como de solo lectura.	Recomendamos realizar una copia duplicada de los datos en otro cartucho. Consulte las últimas notas de la versión para más información.
	54-009	El cartucho y el disco no se corresponden.	El soporte no puede utilizarse. Introduzca otro cartucho.
	54-000 54-001 54-002 54-003	Formato del disco no admitido.	El soporte no puede utilizarse. Introduzca otro cartucho.
	54-006	Formato de la memoria del cartucho no admitido.	El soporte no puede utilizarse. Introduzca otro cartucho.
	54-004 54-005 54-007 95-517 95-518	No es posible acceder a la memoria del cartucho.	Vuelva a introducir el cartucho.

a) Indicador ALARM en la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.

## Temas relacionados

Alarmas durante el funcionamiento

Alarmas relacionadas con sensores y unidades

## Alarmas durante el funcionamiento

LED <sup>a)</sup>	Código de alarma	Descripción	Posible solución
Parpadea cada segundo	6D-001	Soporte no utilizable;	Consulte con su representante del servicio técnico de Sony.
	6D-002	Puede que haya un problema con el soporte.	Recomendamos realizar una copia duplicada de los datos en otro cartucho. Consulte las últimas notas de la versión para más información.
	54-200 54-201 53-502	Se ha detectado un error en el área de administración del disco.	Vuelva a introducir el cartucho.
	54-004 54-005 54-007 95-517 95-518	No es posible acceder a la memoria del cartucho.	Vuelva a introducir el cartucho.
	54-006	Formato de la memoria del cartucho no admitido.	El soporte no puede utilizarse. Introduzca otro cartucho.
	54-300	El formato físico del disco para la grabación se está restableciendo.	No apague mientras se produce un error. El cartucho está siendo reparado. Este proceso puede tardar unos minutos. Espere a que finalice sin apagar el equipo.

LED <sup>a)</sup>	Código de alarma	Descripción	Posible solución
Sin iluminación	22-001	Se han producido múltiples accesos simultáneos con frecuencia en el cartucho.	No realice las siguientes operaciones, ya que el rendimiento podría disminuir. <ul style="list-style-type: none"> <li>• Leer varios archivos a la vez</li> <li>• Leer (escribir) un archivo durante la escritura (lectura)</li> <li>• Realizar una copia duplicada de un archivo en el mismo volumen</li> </ul> Para obtener más información, consulte "Operaciones desaconsejadas".
	91-552	No se ha podido realizar el montaje.	Expulse el cartucho y vuelva a insertar el mismo cartucho.
	91-553	Se produjo un error de lectura.	
	91-554	Se produjo un error de escritura.	
	91-556	Puede que parte de la paridad grabada en el soporte esté dañada.	Recomendamos realizar una copia duplicada de los datos en otro cartucho. Consulte las últimas notas de la versión para más información.
	91-558	El volumen máximo de transferencia de datos del adaptador de bus del host del canal de fibra no está configurado correctamente.	Para obtener más información, consulte ODS-D380F Technical Note.
	91-559	Imposible acceder a la ruta para guardar la caché del sistema de archivos.	Consulte con su representante del servicio técnico de Sony.

a) Indicador ALARM en la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.

## Temas relacionados

Alarmas al introducir un cartucho

Alarmas relacionadas con sensores y unidades

## Alarmas relacionadas con sensores y unidades

LED <sup>a)</sup>	Código de alarma	Descripción	Posible solución
Parpadea cuatro veces por segundo	95-50D	La temperatura interna de la unidad es anómala.	Apague la unidad de inmediato y desconecte el cable de alimentación. Si continúa utilizando la unidad, la temperatura interna podría subir y provocar daños o un incendio.
	95-51D		
	37-901		
	37-A01		
	37-B01		
	37-C01		
	47-901		
	47-A01		
	47-B01		
	47-C01		
Parpadea cada segundo	95-50E	La temperatura interna de la unidad ha subido.	Asegúrese de no obstruir los orificios de ventilación en las partes delantera y trasera de la unidad, para permitir la disipación del calor.
	95-51E		
	37-900		
	37-A00		
	37-B00		
	37-C00		
	95-50F	La temperatura interna de la unidad ha subido.	Asegúrese de no obstruir los orificios de ventilación en las partes delantera y trasera de la unidad, para permitir la disipación del calor. Si el problema persiste, consulte con su representante del servicio técnico de Sony.
	95-51F		
	95-52F		
	3E-500	La unidad no está colocada horizontalmente.	Coloque la unidad horizontalmente.
	95-52A	Se ha detectado que el número de serie de la unidad de accionamiento no coincide.	Realice el ajuste de la unidad.

LED <sup>a)</sup>	Código de alarma	Descripción	Posible solución
Parpadea cuatro veces por segundo	3E-501	La unidad no está colocada horizontalmente.	Apague la unidad y enciéndala después de colocarla horizontalmente.
	20-xxx	Se ha detectado una anomalía en el control mecánico de la unidad.	Pulse el botón EJECT y expulse el cartucho si no se ha expulsado. Apague la unidad y vuelva a encenderla si no puede expulsar el cartucho.
	20-117	Se ha detectado una anomalía en el control mecánico de la unidad.	Es posible que el cartucho insertado no sea compatible con la unidad.
	52-00B 52-08B 52-10B 52-18B 72-00B 72-08B 72-10B 72-18B	No es posible acceder al disco.	Vuelva a introducir el cartucho.
Parpadea cada segundo	6F-E00 6F-E80 6F-F00 6F-F80 8F-E00 8F-E80 8F-F00 8F-F80	No es posible escribir en el disco.	Vuelva a introducir el cartucho.
Parpadea cuatro veces por segundo	6F-E03 6F-E83 6F-F03 6F-F83 8F-E03 8F-E83 8F-F03 8F-F83	No es posible acceder al disco.	Vuelva a introducir el cartucho.

LED <sup>a)</sup>	Código de alarma	Descripción	Posible solución
Parpadeo cada segundo	3F-511	Es necesario sustituir el filtro de aire.	Cambie el filtro de aire. <sup>b)</sup>
	02-605	La cantidad de luz en el bloque óptico ha sido reducida debido a suciedad y otros factores.	Consulte con su representante del servicio técnico de Sony.
	02-685		
	02-705		
	02-785		
	12-605		
	12-685		
	12-705		
	12-785		

a) Indicador ALARM en la ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.

b) Para obtener más información, consulte el manual de instrucciones.

## Temas relacionados

Alarmas al introducir un cartucho

Alarmas durante el funcionamiento

# Acerca de Optical Disc Archive Utility Command Line Interface

## Descripción general

Optical Disc Archive Utility Command Line Interface está incluido con Optical Disc Archive Software. Algunas de las funciones de Optical Disc Archive Utility están vinculadas a los comandos disponibles en el entorno CUI.

## Limitaciones

---

- El comando Optical Disc Archive Utility Command Line Interface no puede ejecutarse a través de diferentes procesos al mismo tiempo.
- El comando Optical Disc Archive Utility Command Line Interface y la aplicación GUI de Optical Disc Archive Utility no pueden utilizarse a la vez.
- Hacen falta privilegios de administrador para ejecutar Optical Disc Archive Utility Command Line Interface.

## Acerca de los comandos

---

Optical Disc Archive Utility Command Line Interface funciona con un sistema de comandos con una estructura jerárquica.

El comando oda-util, que es el comando básico, integra comandos de administración, como el comando oda-util drive. Los comandos de administración integran comandos que ejecutan funciones concretas, como el comando oda-util drive info.

## Visualización de la ayuda

Para usar cada comando, ejecute el comando con la opción "--help" y, a continuación, consulte la ayuda.

Activa la ayuda del comando básico

```
# oda-util --help
```

Activa la ayuda del comando de administración

```
# oda-util drive --help
```

Activa la ayuda del comando

```
# oda-util drive info --help
```

## Visualización del manual

Para obtener más información, consulte el manual ejecutando el comando `man` de la forma siguiente.

Muestra el manual del comando básico

```
# man oda-util
```

Muestra el manual del comando de administración

```
# man oda-util-drive
```

Muestra el manual del comando

```
# man oda-util-drive-info
```

## Lista de comandos

---

### oda-util config

Comando de administración para controlar los ajustes de modo operativo de la Optical Disc Archive Utility.

La principal función de este comando se ejecuta a través de los siguientes comandos.

#### Comandos disponibles

- `oda-util config inhibit`  
Activa o desactiva la función de protección contra escritura de la unidad.
- `oda-util config parity`  
Selecciona el tipo de volumen entre PARITY ON o PARITY OFF cuando se introduce un soporte Optical Disc Archive 1 sin formatear.
- `oda-util config sync`  
Selecciona si sincroniza los datos de gestión con el soporte inmediatamente tras completar la escritura de los archivos en el soporte.
- `oda-util config verify`  
Activa o desactiva la función de escritura-verificación del soporte Optical Disc Archive 1.

### oda-util drive

Comando de administración para el control de la unidad.

La principal función de este comando se ejecuta a través de los siguientes comandos.

#### Comandos disponibles

- `oda-util drive afpreset`  
Restablece el Air Filter Parameter de la unidad.
- `oda-util drive info`  
Muestra la información de la unidad.
- `oda-util drive update`  
Actualiza el firmware de la unidad.

- oda-util drive version

Muestra la versión del firmware de la unidad y si puede actualizarse o no.

## **oda-util log**

Comando de administración para el control del registro.

La principal función de este comando se ejecuta a través de los siguientes comandos.

### **Comando disponible**

- oda-util log export

Exporta el registro.

## **oda-util media**

Comando de administración para el control del soporte.

La principal función de este comando se ejecuta a través de los siguientes comandos.

### **Comandos disponibles**

- oda-util media finalize  
Finaliza el soporte. (solo soportes de una sola escritura)
- oda-util media format  
Formatea el soporte.
- oda-util media info  
Muestra la información de los soportes.
- oda-util media label  
Define la etiqueta de volumen del soporte.
- oda-util media protect  
Activa o desactiva los ajustes de protección contra escritura del soporte.

# Acerca del sistema de archivos

## Descripción general

Este apartado presenta una descripción general del sistema de archivos.

- Operaciones de montaje
- Limitaciones
- Operaciones desaconsejadas

## Operaciones de montaje

---

El [Volumen] hace referencia al sistema de archivos del soporte formateado.

[Montar] indica el estado en el que es posible acceder al volumen.

En su ordenador, el sistema monta automáticamente el volumen. En el sistema RHEL6 admitido actualmente, se monta en el directorio /media/. En el sistema RHEL7, se monta en el directorio /run/media/user\_name/.

Si no se utiliza la herramienta de administración de dispositivos, monte el volumen manualmente como en el siguiente ejemplo.

```
mount -t odaudf /dev/sdx/*mount-point
```

\*Especifique como directorio de montaje mount-point.

Al ejecutar el comando mount, hacen falta permisos de raíz.

Si no se especifica odaudf como tipo de sistema de archivos, es posible que la operación no pueda realizarse correctamente.

### Nota

Al especificar un directorio para el montaje, tal vez no pueda especificar un directorio que no esté vacío como punto de entrada, en función del sistema operativo. En este caso, no cree un archivo o directorio nuevo dentro del directorio especificado.

## En el caso de soportes vírgenes

Cuando se introduce un soporte en la unidad, se formatea automáticamente y se monta como volumen vacío, sin archivos ni directorios.

### Soporte Optical Disc Archive 1

Puede seleccionar uno de los siguientes tipos de volumen, en función del tipo de volumen de la pantalla Configuración/Regla de la utilidad.

- PARITY ON (máx. 60.000 archivos)

Este formato puede crear hasta 60.000 archivos (incluyendo los directorios).

Al grabar el archivo, se crean automáticamente datos de paridad redundantes. Estos datos de paridad se utilizan cuando hace falta restaurar el archivo.

- PARITY OFF (máx. 240.000 archivos)

Este formato puede crear hasta 240.000 archivos (incluyendo los directorios).

Al grabar el archivo, no se crean datos de paridad.

#### Soporte Optical Disc Archive 2

- PARITY ON (máx. 480.000 archivos)

Este formato puede crear hasta 480.000 archivos (incluyendo directorios).

Al grabar el archivo, se crean datos de paridad redundantes automáticamente.

Los datos de paridad se utilizan cuando hace falta restaurar archivos.

#### Soporte Optical Disc Archive 3

- PARITY ON (máx. 800.000 archivos)

Este formato puede crear hasta 800.000 archivos (incluyendo directorios).

Al grabar el archivo, se crean datos de paridad redundantes automáticamente.

Los datos de paridad se utilizan cuando hace falta restaurar archivos.

### **En el caso de soportes que admiten reescritura**

Puede modificar el tipo de volumen del soporte formateado y elegir uno de los tipos de volumen anteriores seleccionando [Restablecimiento de la capacidad del soporte.] al utilizar la función de formateo de la utilidad.

(Consulte Cómo realizar el formateo (recuperación de capacidad).)

### **En el caso de soportes de una sola escritura**

No es posible cambiar el tipo de volumen del soporte formateado por uno de los tipos de volumen anteriores.

### **En el caso de soportes ya formateados**

Es posible acceder a los archivos y directorios creados en el volumen.

Si el volumen permite la grabación, puede crear nuevos archivos y directorios.

También puede realizar operaciones de lectura, visualización, eliminación, cambio de nombre, desplazamiento, cambio de atributos y cambio de la etiqueta del volumen en archivos y directorios ya creados.

Si las operaciones de grabación en el volumen están inhabilitadas o limitadas, puede realizar operaciones de lectura y visualización de archivos y directorios, pero no operaciones de creación, cambio de nombre, desplazamiento, cambio de atributos ni cambio de la etiqueta del volumen.

Puede comprobar si el volumen permite o no la grabación en la pantalla Dispositivo/Información de soporte/Operación de grabación de la utilidad.

### **Si no es posible montar el soporte a causa de una anomalía**

No es posible acceder al archivo o directorio creado en el volumen.

Compruebe el estado de montaje del volumen en la pantalla Dispositivo/Información de soporte/Estado de montaje de la utilidad.

## **Temas relacionados**

Pantalla Dispositivo - Formato

# Limitaciones

## Número máximo de archivos y directorios

Puede crear como máximo el número de archivos y directorios indicado a continuación, en función del tipo de volumen.

Soporte Optical Disc Archive 1

- PARITY ON (máx. 60.000 archivos): hasta 60.000
- PARITY OFF (máx. 240.000 archivos): hasta 240.000

Soporte Optical Disc Archive 2

- PARITY ON (máx. 480.000 archivos): hasta 480.000

Soporte Optical Disc Archive 3

- PARITY ON (máx. 800.000 archivos): hasta 800.000

El directorio raíz se cuenta como un directorio. Siempre hay como mínimo un directorio (directorio raíz), incluso con un volumen vacío.

## Jerarquía de archivos y directorios

Puede crear hasta 64 jerarquías de archivos y directorios.

El directorio raíz se contabiliza como un elemento de la jerarquía.

Los archivos creados en el directorio raíz se consideran como el segundo nivel de la jerarquía.

## Nombre de archivo

Para los nombres de archivo y directorio pueden utilizarse desde 1 hasta 127 caracteres Unicode 2.0.

Los caracteres de par subrogado se cuentan como dos caracteres.

No es posible utilizar los siguientes caracteres en los nombres.

Código	Carácter
U+0000	(vacío)
U+002F	/ (barra)

Un nombre no puede estar formado únicamente por "." (puntos) o ".." (puntos consecutivos).

No es posible utilizar nombres de archivo repetidos en (IGNORE CASE) en el mismo directorio.

Un nombre no puede estar formado solo por "\$" (dólar) o "\$\$" (doble dólar) en el directorio raíz.

## Etiqueta de volumen

Para la etiqueta de volumen pueden utilizarse desde 1 hasta 63 caracteres Unicode 2.0.

Los caracteres de par subrogado se cuentan como dos caracteres.

No es posible utilizar los siguientes caracteres en los nombres.

Código	Carácter
U+0000 - U+001F	
U+0022	" (comillas)
U+002A	* (asterisco)
U+002F	/ (barra)

U+003A	: (dos puntos)
U+003C	< (menor que)
U+003E	> (mayor que)
U+003F	? (signo de interrogación)
U+005C	\ (barra invertida o símbolo de yen)
U+007C	(barra vertical)
U+007F	(Eliminar)

No es posible utilizar una secuencia de caracteres que empiece por "." (punto).

## Grabación de archivos

Solo es posible abrir un archivo en el modo de grabación. La grabación solo puede ser secuencial.

Normalmente no es posible abrir el archivo grabado en el modo de grabación.

Los siguientes archivos de grabación pueden abrirse en el modo de grabación y grabarse de nuevo mediante una grabación secuencial.

- Último archivo grabado
- Archivos de tamaño cero (0)

Además, un archivo suelto tal vez no se grabe si se utiliza el comando de copia estándar. Consulte las últimas notas de la versión para más información.

## Operaciones desaconsejadas

---

Pueden perderse archivos en el origen y el destino si se produce un incidente durante el proceso de desplazamiento de archivos. No desplace el archivo si se produce un incidente.

Si se realiza alguna de las siguientes operaciones desaconsejadas (de [1] a [4]) en el cartucho, el acceso al cartucho será más lento. Si esta situación continúa durante mucho tiempo, el acceso al cartucho se bloqueará temporalmente.

Este error se resolverá al volver a introducir el cartucho.

Realice las operaciones indicadas en el apartado Posible solución y evite realizar las operaciones desaconsejadas.

Operaciones desaconsejadas	Posible solución
<p>[1]</p> <p>Leer archivos de forma simultánea</p> <p>Ejemplo:</p> <p>En Nautilus, mientras copia el archivo grabado en el soporte ODA en su carpeta local arrastrando y soltando, al mismo tiempo arrastra y suelta otro archivo del soporte ODA a la carpeta local.</p> <p>Este tipo de operaciones simultáneas no necesariamente debe provocar un error. Sin embargo, si los dos archivos están ubicados en discos diferentes, la velocidad de transferencia se reducirá considerablemente, ya que los discos se irán alternando con una frecuencia de entre 64 KB y 1 MB de datos copiados y se reducirá la vida útil de los soportes.</p>	<p>Primero termine de copiar el primer archivo en su carpeta local (el disco duro del ordenador u otro soporte) y después empiece a copiar el siguiente archivo.</p>
<p>[2]</p> <p>Leer un archivo durante la grabación o grabar un archivo durante la lectura</p> <p>Ejemplo:</p> <p>En Nautilus, mientras copia un archivo de su carpeta local en el soporte ODA arrastrando y soltando, al mismo tiempo arrastra y suelta otro archivo del soporte ODA a la carpeta local para copiarlo.</p> <p>Las dos operaciones continuarán, pero si los archivos están ubicados en discos diferentes, la velocidad de transferencia se reducirá considerablemente, ya que los discos se irán alternando con una frecuencia de entre 64 KB y 32 MB de datos copiados y se reducirá la vida útil de los soportes.</p>	<p>Primero termine de copiar el archivo en el soporte ODA y después copie el archivo del soporte a su carpeta local (el disco duro del ordenador u otro soporte).</p>

Operaciones desaconsejadas	Posible solución
<p>[3]</p> <p>Realizar una copia duplicada de un archivo en el mismo volumen</p> <p>Ejemplo:</p> <p>En Nautilus, hace clic con el botón derecho en el archivo grabado en el soporte ODA, lo arrastra a la carpeta y selecciona [Copiar aquí].</p> <p>La operación de copia no genera ningún error, pero si los archivos están ubicados en discos diferentes, la velocidad de transferencia se reducirá considerablemente, ya que los discos se irán alternando con una frecuencia de entre 64 KB y 32 MB de datos copiados y se reducirá la vida útil de los soportes.</p>	<p>Primero termine de copiar el archivo en el disco duro del ordenador (u otro soporte) y después vuelva a copiar el archivo del disco duro al soporte ODA.</p>
<p>[4]</p> <p>Leer un archivo repartido en varios discos</p> <p>Ejemplo:</p> <p>Al reproducir un archivo de clip con XDCAM Viewer, si el archivo está grabado en más de un disco en el soporte ODA, debe mover el control deslizante de la barra de posición de un lado a otro.</p> <p>La velocidad de transferencia se reducirá considerablemente, ya que los discos se irán alternando y se reducirá la vida útil de los soportes.</p>	<p>Copie el archivo al disco duro del ordenador (u otro soporte) y después reproduzca (o desplace el cabezal, etc.) el archivo copiado de dicho soporte.</p> <p>Si se utiliza Content Manager (software recomendado para ODA) durante la grabación en el soporte ODA, es posible evitar la grabación en varios discos. (Si el tamaño del archivo de grabación es superior al espacio disponible en el disco, no siempre podrá evitarse la grabación en varios discos.)</p>

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- Qt 6.2

The source code for Qt 6.2 is available on the Web.

To download, please access the following URL:

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Module: PCRE2 - Stack-less Just-In-Time Compiler, version 10.40

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Email local part: Philip.Hazel  
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Guido Bertoni, Joan Daemen, Michaël Peeters and Gilles Van Assche.

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Module: Secure Hash Algorithm SHA-3 - brg\_endian, version <https://github.com/BrianGladman/sha/commit/4b9e13ead2c5b5e41ca27c65de4dd69ae0bac228>

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