

Optical Disc Archive Utility

帮助

ODS-D55U
ODS-D77U
ODS-D280U
ODS-D380U

关于 Optical Disc Archive Software

概述

本软件可在连接至 ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U 的计算机上对 ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U 执行以下功能。

- **信息显示功能**
 - 驱动器信息
 - 媒体信息
- **设置功能**
 - 操作模式设置
 - 针对使用磁盘盒存储器的媒体的写保护设置
- **媒体操纵功能**
 - 还原
 - 格式化
 - 最终化
 - 恢复文件
 - 复制卷
- **维护功能**
 - 更新固件
 - 日志显示和导出
 - 系统检查

相关手册

OPERATION MANUAL

本手册随 ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U 一起提供。

手册中描述了如何使用 ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U 及随附的软件。

树形结构显示 - 媒体信息



树形结构显示中显示连接的驱动器（型号和序列号）和媒体。列表的最右侧显示弹出图标。列表右侧的信息显示区 / 操作区中将显示有关所选驱动器或媒体的信息。

注

- 一台计算机可连接四个驱动器。
- 如果无法退出媒体，请确保没有其他应用程序正在使用磁盘盒。

信息显示区 / 操作区

显示信息或者操作在树形结构显示中选择的驱动器或媒体。

驱动器信息

项目	显示的信息
型号	所选驱动器的名称（ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U）
序列号	所选 ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U 的序列号
固件版本	所选 ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U 的固件版本
Operation Hours ^{a)}	ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U 通电的总时数（单位：小时）
Laser Parameter 0 至 3 ^{a)}	光学头的累计光输出时间
Seek Counter 0 至 3 ^{a)}	光学头寻址操作的累计次数
Spindle Running Hours ^{a)}	主轴累计旋转时间（单位：小时）
Inject Counter ^{a)}	磁盘盒累计插入次数

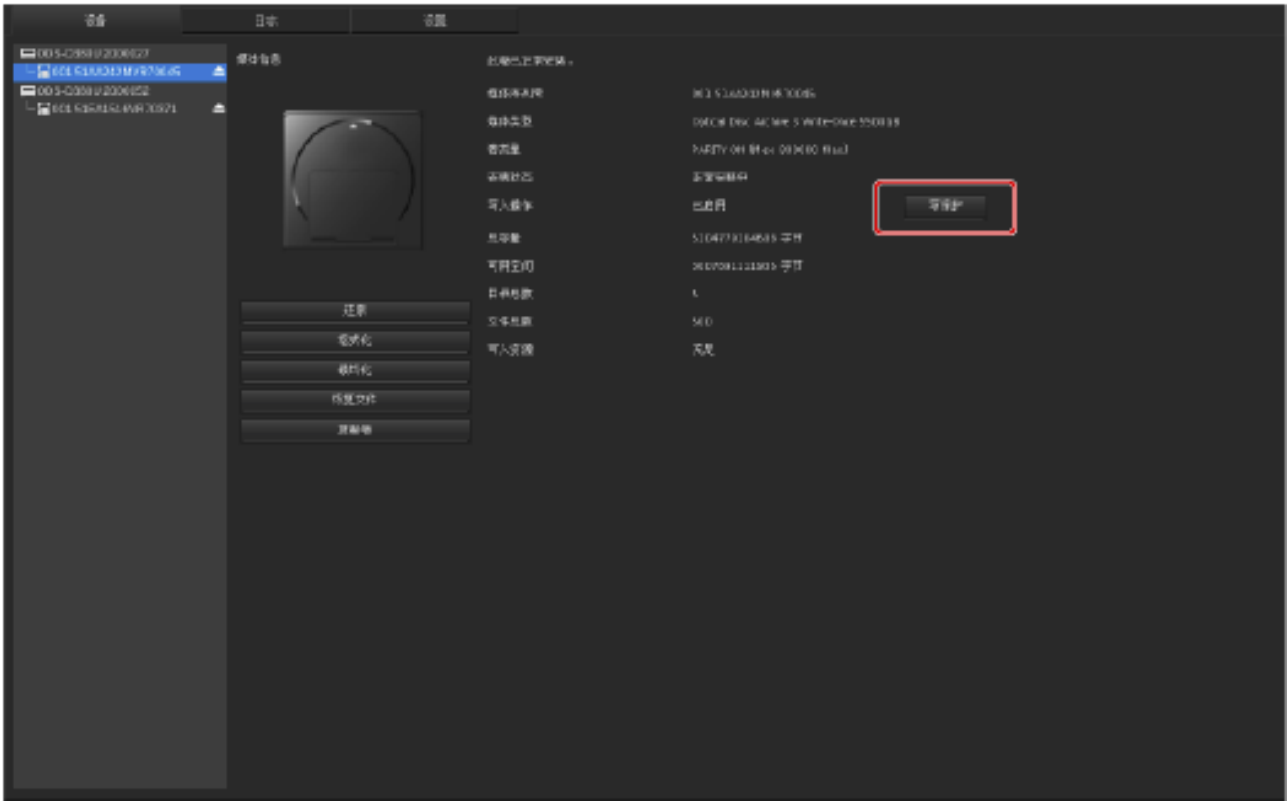
媒体操作

项目	信息
[还原] 按钮	用于寻找还原点。
[格式化] 按钮	用于格式化。
[最终化] 按钮	用于最终化。
[恢复文件] 按钮	显示恢复文件列表的画面。
[写保护 （或写保护解除）] 按钮	用于设置或解除写保护。
[复制卷] 按钮	用于复制卷。

相关主题

警报代码

设备画面 - 媒体的写保护设置



针对使用磁盘盒存储器的媒体的写保护设置

1. 单击 [写保护] 按钮。
显示 “是否要更改写保护设置？如果是， 磁盘盒自动弹出。”。
2. 单击 [应用] 按钮。
媒体被写保护， 磁盘盒弹出。

解除使用磁盘盒存储器的媒体的写保护

1. 单击 [写保护解除] 按钮。
显示 “是否要更改写保护设置？如果是， 磁盘盒自动弹出。”。

导出按钮

将日志导出到任何所需的位置。

注

无法为 Optical Disc Archive Drive 选择容量。

如何导出日志

1. 单击 [导出] 按钮。
显示 [另存为] 画面。
2. 指定要保存的文件名和目的地， 然后单击 [保存] 按钮。
显示 “导出完成。”。
3. 单击 [关闭] 按钮。
日志导出到指定的位置。

刷新屏幕

从显示菜单中选择 [更新]。

注

- 如果使用旧版本的 Optical Disc Drive 固件， 可能没有驱动器日志。
- 磁盘盒插入时， 无法从驱动器获取驱动器日志。

设置画面

设置画面 – 画面结构

为 ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U 和 Optical Disc Archive Software 设置操作模式。

注

要令设置更改生效， 需要重新插入磁盘盒。

b) 有关详情， 请参见 OPERATION MANUAL。

相关主题

插入磁盘盒时的警报

操作期间的警报

oda-util media

管理命令控制媒体。

此命令的主要功能通过以下命令提供。

可用命令

- oda-util media finalize
最终化媒体。（仅限一次性写入媒体）
- oda-util media format
格式化媒体。
- oda-util media info
输出媒体信息。
- oda-util media label
设置媒体的卷标。
- oda-util media protect
启用或禁用媒体的写保护设置。

不可取的操作

在文件移动过程中，如果发生损坏，源文件和目的地文件可能会丢失。如果发生损坏，请勿移动文件。对磁盘盒执行以下任意不可取的操作（[1] 到 [4]）时，磁盘盒存取会变慢。如果这种情况持续一段时间，可能会暂时无法存取磁盘盒。

再次插入磁盘盒可解决此错误。

执行可行解决方案中的操作而不是不可取的操作。

不可取的操作	可行的解决方案
<p>[1] 同时读取文件 示例： 在 Nautilus 中，通过拖放将 ODA 媒体上的记录文件复制到本地文件夹，同时将 ODA 媒体上的另一个文件拖放到本地文件夹。</p> <p>这样的同时操作应该不会造成错误。但是，如果两个文件位于不同的磁盘，传输速度会变得极慢，因为每复制 64 KB 到 1 MB 的数据，磁盘就会进行交换操作，而且媒体的耐用年限会缩短。</p>	<p>先将第一个文件复制到本地文件夹（计算机的硬盘或另一个媒体），完成之后再开始复制第二个文件。</p>
<p>[2] 记录的同时读取文件或者读取的同时记录文件 示例： 在 Nautilus 中，通过拖放将本地文件夹中的文件复制到 ODA 媒体，同时通过拖放将 ODA 媒体上的另一个文件复制到本地文件夹。</p> <p>这两项操作会继续进行，但是，如果文件位于不同的磁盘，传输速度会变得极慢，因为每复制 64 KB 到 32 MB 的数据，磁盘就会进行交换操作，而且媒体的耐用年限会缩短。</p>	<p>先将文件复制到 ODA 媒体，完成之后再将媒体上的文件复制到本地文件夹（计算机的硬盘或另一个媒体）。</p>
<p>[3] 在同卷中生成文件副本 示例： 在 Nautilus 中，右击在 ODA 媒体上记录的文件并拖到文件夹，然后选择 [在此处复制]。</p> <p>此复制操作不会造成错误，但是，如果文件位于不同的磁盘，传输速度会变得极慢，因为每复制 64 KB 到 32 MB 的数据，磁盘就会进行交换操作，而且媒体的耐用年限会缩短。</p>	<p>先将文件复制到计算机的硬盘（或者某个其它媒体），完成之后再将文件从硬盘复制到 ODA 媒体。</p>

不可取的操作	可行的解决方案
<p>[4]</p> <p>读取分散在多个磁盘上的文件</p> <p>示例：</p> <p>通过 XDCAM Viewer 播放剪辑文件时，如果文件记录在 ODA 媒体中的多个磁盘上，而您反复左右移动位置条上的滑块。</p> <p>传输速度会变得极慢，因为磁盘会频繁进行交换操作，而且媒体的耐用年限会缩短。</p>	<p>先将文件复制到计算机的硬盘（或者某个其它媒体），完成之后再从该媒体播放（或删除等）复制的文件。</p> <p>在记录到 ODA 媒体时，如果使用 Content Manager（针对 ODA 的推荐软件），则可避免在多个磁盘上进行记录。（如果记录文件的大小超过可用的磁盘空间，则不一定能避免在多个磁盘上记录。）</p>

商标

- Optical Disc Archive Drive 标志是 Sony Corporation 的商标。
- Intel Core 2 Duo、 Intel Core i5 和 Intel Xeon 是 Intel Corporation 或其子公司在美国和 / 或其它国家或地区的商标。
- Microsoft 和 Windows 是 Microsoft Corporation 在美国和 / 或其它国家或地区的注册商标。
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Module: Smooth Scaling Algorithm

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