

Optical Disc Archive Utility

Help

ODS-D55U

ODS-D77U

ODS-D280U

ODS-D380U

Über die Optical Disc Archive Software

Übersicht

Mit dieser Software können Sie auf dem Computer, der an das ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U angeschlossen ist, die folgenden Funktionen am ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U ausführen.

- **Anzeigen von Informationen**
 - Laufwerksinformationen
 - Medieninformationen
- **Konfiguration**
 - Betriebsmoduseinstellungen
 - Schreibschutzeinstellungen für Medien mit Cartridge-Speicher
- **Medienhandhabung**
 - Rollback
 - Formatieren
 - Abschließen
 - Dateiwiederherstellung
 - Volume-Duplizierung
- **Wartung**
 - Aktualisieren der Firmware
 - Anzeigen und Exportieren von Protokollen
 - Systemüberprüfung

Verwandtes Handbuch

OPERATION MANUAL

Dieses Handbuch wird mit dem ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U mitgeliefert.

Es enthält Erläuterungen zum Verwenden des ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U und der mitgelieferten Software.

<https://pro.sony/product-resources/product-resources-search/>

(Sie können Ihre Region und Ihre Sprache unter [Change Country, Region or Language] unten auf der Seite auswählen. Zudem können Sie die Software und Dokumentation abrufen, indem Sie nach der Bezeichnung des gewünschten Modells suchen, also z. B. „ODS-380U“.)

b) Die SuperSpeed USB-Verbindung (USB 3.2) erzielt möglicherweise nicht die gewünschte Übertragungsgeschwindigkeit.

[Wichtige Updates] auf [Updates herunterladen, aber Installation manuell durchführen] und klicken Sie dann auf die Schaltfläche [OK].

Wenn Sie das Laufwerk im Explorer anzeigen wollen, ohne dass eine Cartridge in das Laufwerk eingesetzt ist, nehmen Sie die folgenden Einstellungen vor.

Standardmäßig ist die Einstellung in Windows Server 2008 R2 aktiviert.

<Windows7>

Starten Sie [Explorer] > [Organisieren] > [Ordneroptionen] > Wählen Sie die Registerkarte [Ansicht] und deaktivieren Sie das Kontrollkästchen [Leere Laufwerke im Ordner Computer ausblenden].

Über Optical Disc Archive Utility

Starten und Beenden der Software

Starten

Stellen Sie zunächst sicher, dass das ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U an den Computer angeschlossen ist.


Einzelheiten zum Anschließen finden Sie im OPERATION MANUAL.

Zum Starten dieser Software haben Sie folgende Möglichkeiten.

- Klicken Sie am Computer, an den das ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U angeschlossen ist, auf die Schaltfläche [Start] und wählen Sie dann [Sony Optical Disc Archive Software] > [Optical Disc Archive Utility].
- Öffnen Sie den Ordner, in dem diese Software installiert ist, und doppelklicken Sie auf [ODAUtility.exe].
- Wenn Sie beim Installieren dieser Software ein Verknüpfungssymbol auf dem Desktop erstellt haben, doppelklicken Sie auf dieses Symbol.

Beenden

Sie haben folgende Möglichkeiten.

- Klicken Sie auf die Schaltfläche  (Schließen) oben rechts im Fenster.
- Klicken Sie mit der rechten Maustaste auf die Titelleiste und wählen Sie [Schließen] aus dem Kontextmenü.
- Wenn diese Software aktiv ist, drücken Sie Alt + F4 (halten Sie die Taste Alt gedrückt und drücken Sie die Taste F4).
- Wählen Sie [Ansicht] > [Schließen] aus der Menüleiste.

Element	Angezeigte Informationen
Gesamtkapazität	Gesamtkapazität des ausgewählten Mediums
Freier Speicher	Schreibverfügbarkeit des ausgewählten Mediums
Gesamtzahl an Verzeichnissen	Gesamtzahl an Verzeichnissen auf dem ausgewählten Medium
Gesamtzahl an Dateien	Gesamtzahl an Dateien auf dem ausgewählten Medium
Überschreibungshäufigkeit	Gesamte Überschreibungshäufigkeit des ausgewählten Mediums (nur bei wiederbeschreibbaren Medien angezeigt)
Formatierungshäufigkeit	Gesamte Formatierungshäufigkeit des ausgewählten Mediums (nur bei wiederbeschreibbaren Medien angezeigt)
Schreibressource	[Leer], [Wenig] oder [Ausreichend] wird angezeigt. (Nur bei einmal beschreibbaren Medien angezeigt)

Medienfunktionen

Element	Bedeutung
Schaltfläche [Rollback]	Zum Starten der Suche nach Rollback-Punkten.
Schaltfläche [Formatieren]	Zum Starten der Formatierung.
Schaltfläche [Abschließen]	Zum Starten des Abschließens.
Schaltfläche [Datei wiederherstellen]	Zum Anzeigen des Listensbildschirms zur Dateiwiederherstellung.
Schaltfläche [Schreibschutz (oder Schreibschutz aufheben)]	Zum Aktivieren oder Aufheben des Schreibschutzes.
Schaltfläche [Volume duplizieren]	Zum Starten der Volume-Duplizierung.

Verwandte Themen

Alarmcode

5. Setzen Sie eine Cartridge ein und klicken Sie dann auf die Schaltfläche [OK].
[Einsetzen einer anderen Cartridge] => Schritt 6
[Einsetzen derselben Cartridge] => Schritt 7
6. Wählen Sie [Formatieren Sie das Medium und duplizieren Sie darauf.] oder [Duplizieren Sie in den von Ihnen ausgewählten Ordner.] und klicken Sie dann auf die Schaltfläche [OK].
Die Volume-Duplizierung vom Sicherungsziel zum Duplizierungsziel beginnt. Der Duplizierungsstatus wird in der Fortschrittsanzeige angezeigt.
7. [Dieselbe Cartridge wie die Duplizierungsquelle wurde eingelegt. Es empfiehlt sich, das Medium auf eine andere Cartridge zu duplizieren.] erscheint.
Klicken Sie auf [Neu auswählen] oder [Bestätigen].
Wenn Sie [Neu auswählen] auswählen, wird die Cartridge automatisch ausgeworfen und „Legen Sie eine andere Cartridge als Duplizierungsziel ein.“ erscheint.
Bei Auswahl von [Bestätigen] fahren Sie mit Schritt 6 fort.

Tipp

Wenn Sie ein Duplizierungsziel festlegen und [Disc-Aufteilung einschränken.] auswählen, wird verhindert, dass eine einzelne Datei über mehrere Discs hinweg aufgezeichnet wird.

Verwandte Themen

Bildschirm Gerät – Bildschirm-Layout

Bildschirm Protokoll

Bildschirm Protokoll – Bildschirm-Layout

Sie können ein Laufwerksprotokoll anzeigen.

Exportieren des Protokolls

1. Klicken Sie auf die Schaltfläche [Export].

Der Bildschirm [Speichern unter] wird angezeigt.

2. Geben Sie den Dateinamen und das Speicherziel an und klicken Sie auf die Schaltfläche [Speichern].
„Export abgeschlossen.“ erscheint.

3. Klicken Sie auf die Schaltfläche [Schließen].

Das Protokoll wird an den angegebenen Ort exportiert.

Aktualisieren der Anzeige

Wählen Sie [Aktualisieren] aus dem Menü Ansicht aus.

Hinweis

- Bei der alten Version der Optical Disc Drive-Firmware ist möglicherweise kein Laufwerksprotokoll verfügbar.
- Für ein Laufwerk, in das eine Cartridge eingesetzt ist, ist kein Laufwerksprotokoll verfügbar.

Bildschirm Einstellung

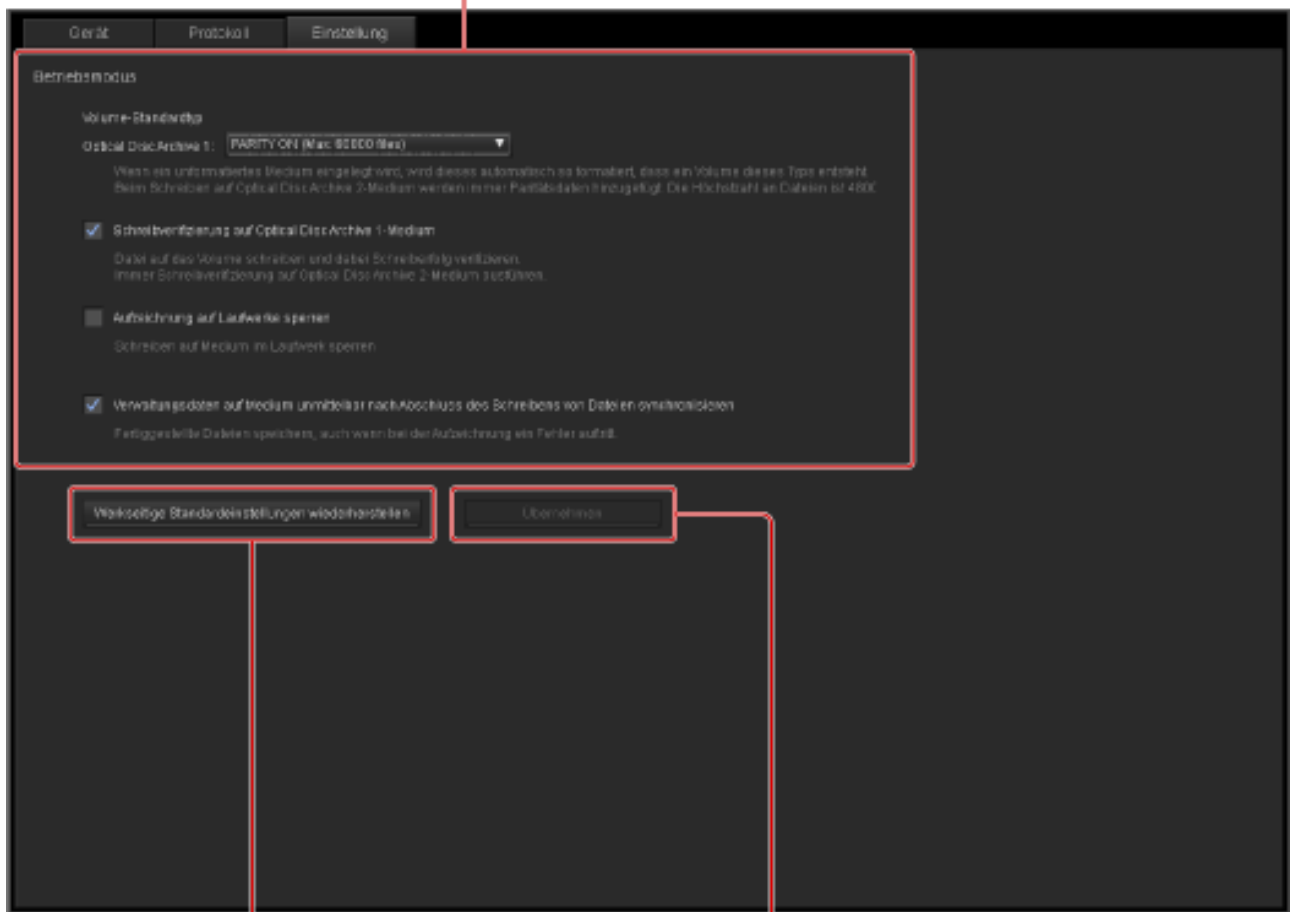
Bildschirm Einstellung – Bildschirm-Layout

Damit können Sie den Betriebsmodus für das ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U und die Optical Disc Archive Software einstellen.

Hinweis

Damit eine Änderung an einer Konfiguration wirksam wird, müssen Sie die Cartridge erneut einsetzen.

Betriebsmodus



Schaltfläche [Werkseitige
Standardeinstellungen wiederherstellen]

Schaltfläche [Übernehmen]

Betriebsmodus

Betriebsmodus	Bedeutung
Schreibverifizierung	<p>Schreibverifizierung auf Optical Disc Archive 1-Medium</p> <p>Datei auf das Volume schreiben und dabei Schreiberfolg verifizieren.</p> <p>Immer Schreibverifizierung auf Optical Disc Archive 2/3-Medium ausführen.</p> <p>Hinweis</p> <p>Die Übertragungsgeschwindigkeit ändert sich. Einzelheiten dazu finden Sie im OPERATION MANUAL zum ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.</p>
Aufzeichnung auf Laufwerke sperren	Zum Schützen des Laufwerks vor versehentlichem Beschreiben.

Betriebsmodus	Bedeutung
Verwaltungsdaten auf Medium unmittelbar nach Abschluss des Schreibens von Dateien synchronisieren	<p data-bbox="611 188 1428 277">Zum Speichern fertiger Dateien, auch wenn während der Aufzeichnung ein Fehler auftritt.</p> <p data-bbox="611 300 759 331">Hinweis</p> <p data-bbox="611 353 1428 837">Betriebsmodus „Dateisystem“: Aktiviert – Standardeinstellung Bereits fertiggestellte Dateien werden selbst bei einer Stromunterbrechung am Laufwerk oder einem Fehler beim Aufzeichnen einer Datei korrekt gespeichert. Beim nächsten Mount-Vorgang des Volume wird nur die Datei gelöscht, die aufgrund einer Störung fehlerhaft aufgezeichnet wurde. Alle anderen fertiggestellten Dateien werden automatisch wiederhergestellt. Dies ist möglich, weil die Systeminformationen beim Aufzeichnen jeder einzelnen Datei aktualisiert und neu geschrieben werden. Es empfiehlt sich, diese Option zu aktivieren, wenn Sicherheit Vorrang hat.</p> <p data-bbox="611 891 1428 1693">Betriebsmodus „Dateisystem“: Deaktiviert Mit dieser Einstellung erzielen Sie beispielsweise beim Aufzeichnen einer Serie kleiner Einzeldateien eine bessere Leistung. Darüber hinaus wird die Cartridge effizienter genutzt. Andererseits gehen im Fall von Problemen wie einer Stromunterbrechung bei der Aufzeichnung von mehreren Dateien unter Umständen Dateien verloren. Dies liegt daran, dass die Systeminformationen nur einmal aktualisiert und neu geschrieben werden, und zwar nach der Aufzeichnung sämtlicher Dateien. Bei einem Problem während der Aufzeichnung erfolgt ein Rollback und der vorherige Zustand, also der Zustand vor der Aufzeichnung der Dateien, wird wiederhergestellt. Beim nächsten Mount-Vorgang des Volume gilt demnach die letzte vollständige Dateisystemaktualisierung, die auf der Cartridge erstellt wurde. Dateien, zu denen keine vollständige Dateisystemaktualisierung vorliegt, sind verloren und können nicht wiederhergestellt werden. Aus diesem Grund empfiehlt es sich in Umgebungen mit instabiler Stromversorgung, den Dateisystem-Betriebsmodus zu aktivieren.</p>

Betriebsmodus	Bedeutung
Volume-Standardtyp	<p>Optical Disc Archive 1 :</p> <p>Wenn ein unformatiertes Medium eingelegt wird, wird dieses automatisch so formatiert, dass ein Volume dieses Typs entsteht.</p> <p>Beim Schreiben auf Optical Disc Archive 2/3-Medium werden immer Paritätsdaten hinzugefügt. Die Höchstzahl an Dateien ist jeweils 480000/800000.</p> <p>Hinweis</p> <p>Bei einem Schreibvorgang mit Parität können beschädigte Dateien wiederhergestellt werden, da bei „Datei wiederherstellen“ der Fehler mithilfe von Paritätsinformationen korrigiert wird.</p>

Schaltfläche [Werkseitige Standardeinstellungen wiederherstellen]

Zum Zurücksetzen des Betriebsmodus auf die werkseitigen Standardeinstellungen.

Schaltfläche [Übernehmen]

Zum Übernehmen des Betriebsmodus.

Ändern des Betriebsmodus

1. Aktivieren Sie das gewünschte Kontrollkästchen für den Betriebsmodus. Wählen Sie [Volume-Standardtyp] im Pulldown-Menü aus.
2. Klicken Sie auf die Schaltfläche [Übernehmen].
„Die Einstellung des Betriebsmodus wurde geändert. Legen Sie die Cartridge neu ein, um den neu eingestellten Modus zu aktivieren.“ erscheint.
3. Klicken Sie auf die Schaltfläche [Schließen].
4. Setzen Sie die Cartridge erneut ein.
Der Betriebsmodus ist nun geändert.

Zurücksetzen des Betriebsmodus auf die werkseitigen Standardeinstellungen

1. Klicken Sie auf die Schaltfläche [Werkseitige Standardeinstellungen wiederherstellen].
„Möchten Sie die werkseitigen Standardeinstellungen für den Betriebsmodus wiederherstellen?“ erscheint.
2. Klicken Sie auf die Schaltfläche [Ja].
„Die Einstellung des Betriebsmodus wurde geändert. Legen Sie die Cartridge neu ein, um den neu eingestellten Modus zu aktivieren.“ erscheint.
3. Klicken Sie auf die Schaltfläche [Schließen].
4. Setzen Sie die Cartridge erneut ein.
Der Betriebsmodus ist nun auf die werkseitigen Standardeinstellungen zurückgesetzt.

Anhang

Alarmcodeliste

Die Alarminhalte, die auf dem Bildschirm Gerät unter den Laufwerksinformationen angezeigt werden, werden je nach dem Status des ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U aufgelistet.

Wenn der Fehler behoben ist, erlischt die Anzeige.

- Alarme beim Einsetzen einer Cartridge
- Alarme während des Betriebs
- Alarme zu Sensoren und Laufwerken

Alarme beim Einsetzen einer Cartridge

LED ^{a)}	Alarmcode	Beschreibung	Mögliche Abhilfemaßnahme
Blinkt viermal pro Sekunde	50-010	Der Verwaltungsbereich der Disc kann nicht gelesen werden.	Nicht verwendbares Medium, setzen Sie eine andere Cartridge ein.
	50-011		
	51-020		
	51-021		
	54-008	Nicht unterstützte Disc. Für das Medium ist die neueste Firmware erforderlich.	Besorgen und installieren Sie die neueste Optical Disc Archive Software und aktualisieren Sie die Firmware.
	51-500		

Alarmer während des Betriebs

LED ^{a)}	Alarmcode	Beschreibung	Mögliche Abhilfemaßnahme
Blinkt einmal pro Sekunde	6D-001	Nicht verwendbares Medium.	Wenden Sie sich an den Sony-Kundendienst.
	6D-002	Es liegt möglicherweise ein Problem mit dem Medium vor.	Es empfiehlt sich, die Daten auf eine andere Cartridge zu duplizieren. Zu Einzelheiten siehe die neuesten Versionshinweise.
	54-200 54-201 53-502	Im Verwaltungsbereich der Disc wurde ein Fehler erkannt.	Setzen Sie die Cartridge erneut ein.
	54-004 54-005 54-007 95-517 95-518	Zugriff auf Cartridge-Speicher nicht möglich.	Setzen Sie die Cartridge erneut ein.
	54-006	Format des Cartridge-Speichers wird nicht unterstützt.	Nicht verwendbares Medium, setzen Sie eine andere Cartridge ein.
	54-300	Das physische Format der Disc für die Aufnahme wurde wiederhergestellt.	Schalten Sie die Stromversorgung nicht aus, während ein Fehler auftritt. Die Cartridge wird repariert. Da dieser Vorgang einige Minuten dauern kann, warten Sie, bis der Vorgang abgeschlossen ist, bevor Sie das Gerät ausschalten.

LED ^{a)}	Alarmcode	Beschreibung	Mögliche Abhilfemaßnahme
Blinkt viermal pro Sekunde	3E-501	Das Laufwerk ist nicht horizontal aufgestellt.	Stellen Sie das Laufwerk horizontal auf und schalten Sie es dann aus und wieder ein.
	20-xxx	In der mechanischen Steuerung des Laufwerks ist eine Störung aufgetreten.	Drücken Sie bitte die Taste EJECT und lassen Sie die Cartridge auswerfen, wenn diese nicht ausgeworfen wurde. Schalten Sie das Laufwerk aus und wieder ein, wenn sich die Cartridge nicht auswerfen lässt.
	20-117	In der mechanischen Steuerung des Laufwerks ist eine Störung aufgetreten.	Möglicherweise wurde eine Cartridge eingelegt, die nicht verwendet werden kann.
	52-00B 52-08B 52-10B 52-18B 72-00B 72-08B 72-10B 72-18B	Kein Zugriff auf die Disc.	Setzen Sie die Cartridge erneut ein.
Blinkt einmal pro Sekunde	6F-E00 6F-E80 6F-F00 6F-F80 8F-E00 8F-E80 8F-F00 8F-F80	Schreiben auf die Disc nicht möglich.	Setzen Sie die Cartridge erneut ein.
Blinkt viermal pro Sekunde	6F-E03 6F-E83 6F-F03 6F-F83 8F-E03 8F-E83 8F-F03 8F-F83	Kein Zugriff auf die Disc.	Setzen Sie die Cartridge erneut ein.

LED ^{a)}	Alarmcode	Beschreibung	Mögliche Abhilfemaßnahme
Blinkt einmal pro Sekunde	3F-511	Der Luftfilter muss ausgetauscht werden.	Tauschen Sie den Luftfilter aus. ^{b)}
	02-605	Die Lichtmenge im optischen Block hat sich aufgrund von Schmutz und anderen Faktoren verringert.	Wenden Sie sich an den Sony-Kundendienst.
	02-685		
	02-705		
	02-785		
	12-605		
	12-685		
	12-705		
	12-785		

a) ALARM-Anzeige am ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U.

b) Einzelheiten dazu finden Sie in der Bedienungsanleitung.

Verwandte Themen

Alarmer beim Einsetzen einer Cartridge

Alarmer während des Betriebs

Nicht zu empfehlende Funktionen	Mögliche Abhilfemaßnahme
<p>[1]</p> <p>Gleichzeitiges Lesen von Dateien</p> <p>Beispiel:</p> <p>In Windows Explorer wird eine auf dem ODA-Medium aufgezeichnete Datei per Ziehen und Ablegen in den lokalen Ordner kopiert und gleichzeitig ziehen Sie eine andere Datei auf dem ODA-Medium in den lokalen Ordner und legen sie dort ab.</p> <p>Solche gleichzeitigen Vorgänge sollten keinen Fehler verursachen. Wenn sich die beiden Dateien allerdings auf verschiedenen Discs befinden, verringert sich die Übertragungsrate erheblich, da die Discs nach jeweils 64 KB bis 1 MB kopierter Daten gewechselt werden. Auch die Haltbarkeit des Mediums wird dadurch beeinträchtigt.</p>	<p>Warten Sie, bis das Kopieren der ersten Datei in den lokalen Ordner (Festplatte des Computers oder anderes Medium) beendet ist, und kopieren Sie erst dann die nächste Datei.</p>
<p>[2]</p> <p>Lesen einer Datei während einer Aufzeichnung oder Aufzeichnen einer Datei während eines Lesevorgangs</p> <p>Beispiel:</p> <p>In Windows Explorer wird eine Datei im lokalen Ordner per Ziehen und Ablegen auf das ODA-Medium kopiert und gleichzeitig kopieren Sie eine andere Datei auf dem ODA-Medium per Ziehen und Ablegen in den lokalen Ordner.</p> <p>Diese beiden Vorgänge werden ausgeführt, aber wenn sich die Dateien auf verschiedenen Discs befinden, verringert sich die Übertragungsrate erheblich, da die Discs nach jeweils 64 KB bis 32 MB kopierter Daten gewechselt werden. Auch die Haltbarkeit des Mediums wird dadurch beeinträchtigt.</p>	<p>Warten Sie, bis das Kopieren der Datei auf das ODA-Medium beendet ist, und kopieren Sie erst dann die Datei auf dem Medium in den lokalen Ordner (Festplatte des Computers oder anderes Medium).</p>

Nicht zu empfehlende Funktionen	Mögliche Abhilfemaßnahme
<p>[3]</p> <p>Erstellen eines Duplikats einer Datei auf demselben Volume</p> <p>Beispiel:</p> <p>Sie klicken in Windows Explorer mit der rechten Maustaste auf die Datei auf dem ODA-Medium, ziehen sie in den Ordner und wählen dann [Hierher kopieren].</p> <p>Dieser Kopiervorgang verursacht keinen Fehler, aber wenn sich die Dateien auf verschiedenen Discs befinden, verringert sich die Übertragungsrate erheblich, da die Discs nach jeweils 64 KB bis 32 MB kopierter Daten gewechselt werden. Auch die Haltbarkeit des Mediums wird dadurch beeinträchtigt.</p>	<p>Warten Sie, bis das Kopieren der Datei auf die Festplatte des Computers (oder auf ein anderes Medium) beendet ist, und kopieren Sie die Datei dann erneut von der Festplatte auf das ODA-Medium.</p>
<p>[4]</p> <p>Lesen einer Datei, die sich über mehr als eine Disc erstreckt</p> <p>Beispiel:</p> <p>Bei der Wiedergabe einer Clip-Datei, die sich über mehrere Discs auf dem ODA-Medium erstreckt, mithilfe von XDCAM Viewer bewegt sich der Schieberegler auf der Positionsanzeige wiederholt von einer Seite zur anderen.</p> <p>Die Übertragungsrate verringert sich erheblich, da die Discs häufig gewechselt werden. Auch die Haltbarkeit des Mediums wird dadurch beeinträchtigt.</p>	<p>Kopieren Sie die Datei auf die Festplatte des Computers (oder auf ein anderes Medium) und starten Sie die normale Wiedergabe (bzw. das Scrubbing usw.) der kopierten Datei auf diesem Medium.</p> <p>Wenn Sie zum Aufzeichnen auf das ODA-Medium Content Manager (für ODA empfohlene Software) verwenden, lässt sich das Aufzeichnen über mehrere Discs hinweg unterbinden. (Wenn die Datei allerdings größer als der verfügbare Speicherplatz ist, lässt sich nicht immer verhindern, dass die Datei auf mehrere Discs verteilt wird.)</p>

Markenzeichen

- Das Optical Disc Archive Drive-Logo ist ein Markenzeichen der Sony Corporation.
- Intel Core 2 Duo, Intel Core i5 und Intel Xeon sind in den USA und/oder anderen Ländern oder Regionen Markenzeichen der Intel Corporation oder ihrer Tochtergesellschaften.
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2006-Jan-27

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Module: Vulkan Memory Allocator, version 2.3.0

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Module: WebGradients

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Module: Wintab API

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