

Optical Disc Archive Utility

ヘルプ

ODS-D55U

ODS-D77U

ODS-D280U

ODS-D380U

Optical Disc Archive Software について

概要

本ソフトウェアは、ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U に接続したコンピュータ上で、ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U に対して以下の機能を実行することができます。

- **情報表示機能**
 - ドライブ情報
 - メディア情報
- **セットアップ機能**
 - 動作モード設定
 - カートリッジメモリを利用した、メディアの記録禁止設定
- **メディア操作機能**
 - ロールバック
 - フォーマット
 - ファイナライズ
 - ファイル修復
 - ボリューム複製
- **メンテナンス機能**
 - ファームウェア更新
 - ログ表示とエクスポート
 - システムチェック

関連マニュアル

OPERATION MANUAL

ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U に付属のマニュアルです。

ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U および付属のソフトウェアの使いかたについて説明しています。

Windows Server 2008 R2 では初期設定がオンになっています。

<Windows7>

「エクスプローラー」を起動し、[ツール] > [フォルダーオプション] > [表示] タブを選択して、「空のドライブは [コンピューター] フォルダーに表示しない」のチェックボックスをはずす。

Optical Disc Archive Utility について

起動と終了

起動する

あらかじめ ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U とコンピューターを接続しておきます。


接続については、OPERATION MANUAL をご覧ください。

本ソフトウェアを起動するには、以下のいずれかを実行します。

- ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U に接続したコンピューターで [スタート] ボタンをクリックし、[Sony Optical Disc Archive Software] > [Optical Disc Archive Utility] を選択する。
- 本ソフトウェアをインストールしたフォルダーを開き、[ODAUtility.exe] をダブルクリックする。
- インストール時にショートカットアイコンをデスクトップに作成している場合は、アイコンをダブルクリックする。

終了する

以下のいずれかを実行します。

- ウィンドウ右上の  (閉じる) ボタンをクリックする。
- タイトルバーを右クリックして表示されるコンテキストメニューから [閉じる (C)] を選択する。
- 本ソフトウェアが選択された状態で、Alt + F4 キーを押す (Alt キーを押したまま F4 キーを押す)。
- メニューバーから [表示] > [閉じる (C)] を選択する。

表示メニュー

更新

情報表示部 / 操作部の表示内容を最新の情報に更新します。なお、ログ画面では、ログが再ソートされて表示されます。

閉じる

本ソフトウェアのウィンドウを閉じます。

ツールメニュー

システムチェック

Optical Disc Archive Software が正しく動作する環境であるかどうかを判定します。

CPU の性能測定のために EEMBC ベンチマークソフトウェアである CoreMark-Pro を使用しています。



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

ご注意

パフォーマンスを保証するものではありません。

ファイルキャッシュの保存先を変更する

ファイルキャッシュの保存先を変更します。

ヘルプメニュー

ヘルプ

本ソフトウェアのヘルプ（このヘルプウィンドウ）が表示されます。

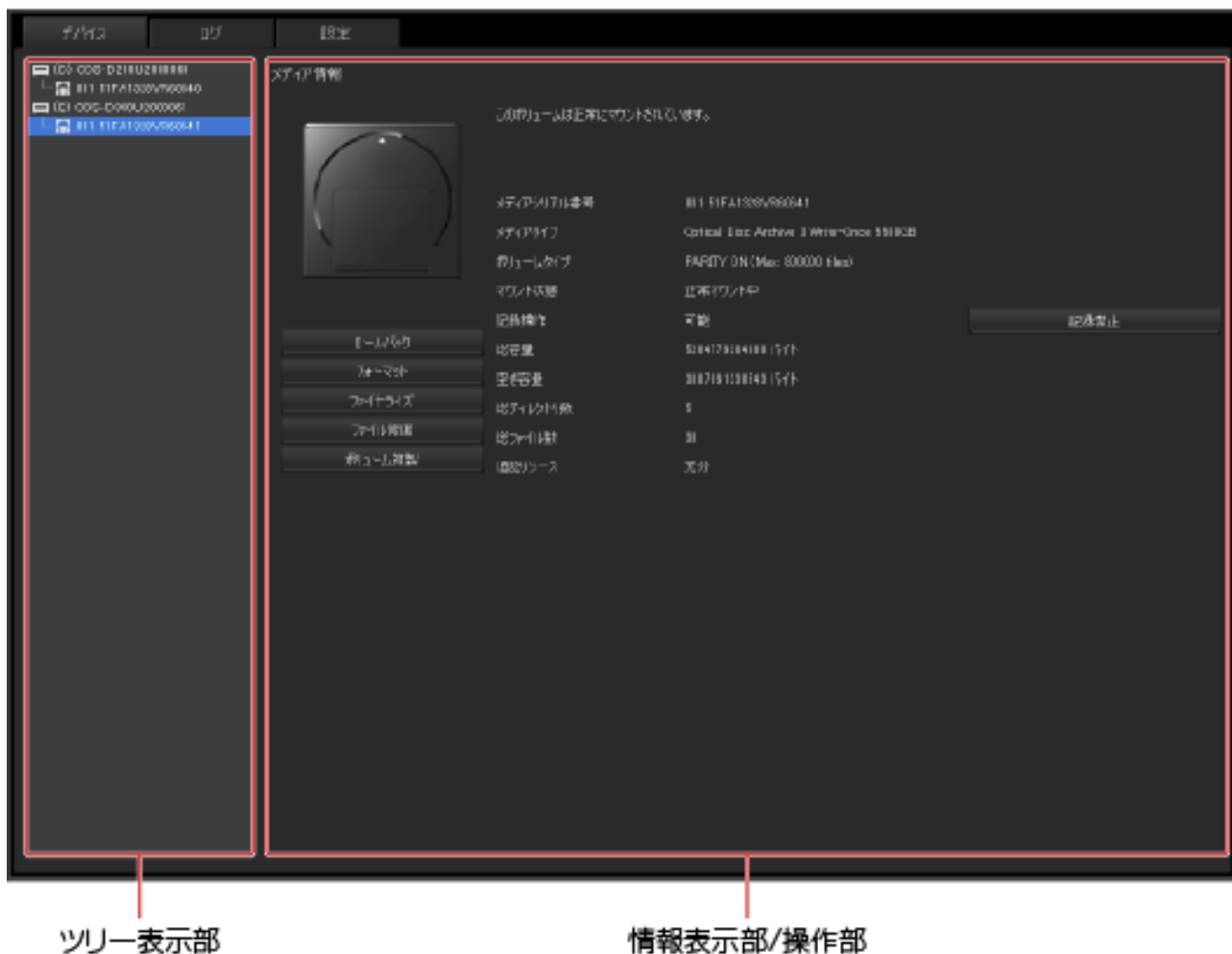
バージョン情報

「Optical Disc Archive Software」のバージョン情報が表示されます。

関連項目

起動と終了

ツリー表示部 - メディア情報



ツリー表示部には、接続されているドライブ（ドライブレター、モデル名、シリアル番号）とメディアが表示されます。ドライブが複数台接続されている場合は、ドライブレターの昇順にリスト表示されます。ここで選択したドライブまたはメディアについての情報が、右側の情報表示部 / 操作部に表示されます。

ご注意

- ・ コンピューター1台につき4台のドライブを接続することができます。
- ・ メディアの取り出し操作ができない場合は、他のアプリケーションがカートリッジを使用していないことを確認してください。

情報表示部 / 操作部

ツリー表示部で選択したドライブまたはメディアの情報表示または操作をします。

ドライブ情報

項目名	表示内容
モデル名	選択されているドライブの名称（ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U）
シリアル番号	選択されている ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U のシリアル番号

項目名	表示内容
総容量	選択されているメディアの総容量
空き容量	選択されているメディアの記録可能容量
総ディレクトリ数	選択されているメディア内の総ディレクトリ数
総ファイル数	選択されているメディア内の総ファイル数
リライト回数	選択されているメディアの累積リライト回数（リライタブルメディアのみ表示）
フォーマット回数	選択されているメディアの累積フォーマット回数（リライタブルメディアのみ表示）
追記リソース	[なし]、[残少]、[充分] の 3 状態を表示（ライトワンスメディアのみ表示）

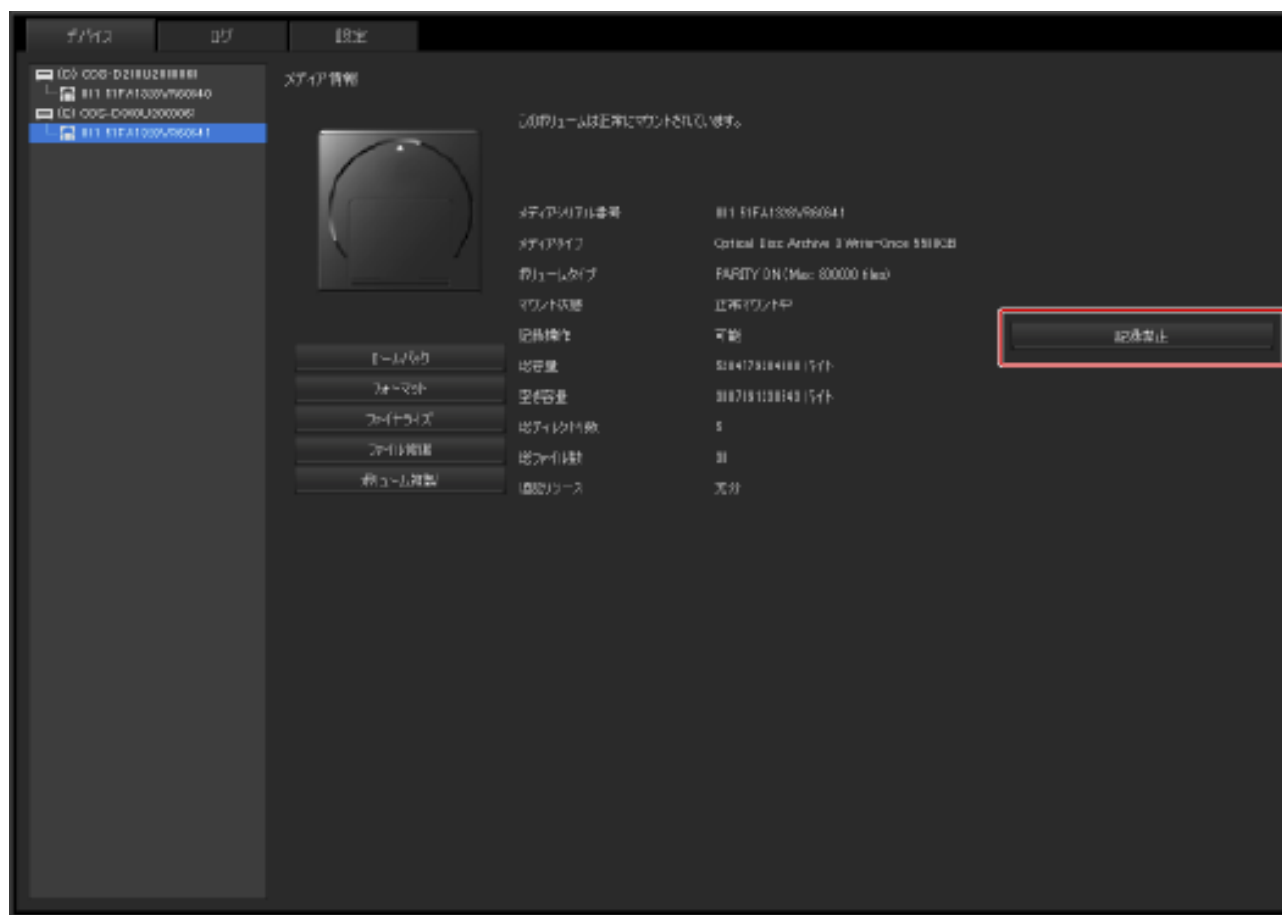
メディア操作

項目名	内容
[ロールバック] ボタン	ロールバックポイントの検索を開始
[フォーマット] ボタン	フォーマット処理を開始
[ファイナライズ] ボタン	ファイナライズ処理を開始
[ファイル修復] ボタン	ファイル修復のリスト画面を表示
[記録禁止（または記録禁止解除）] ボタン	メディアの記録禁止設定（または記録禁止解除）を開始
[ボリューム複製] ボタン	ボリューム複製処理を開始

関連項目

アラームコード

デバイス画面 - メディアの記録禁止設定



カートリッジメモリを利用したメディアの記録禁止設定を行うには

1. [記録禁止] ボタンをクリックする。
「記録禁止設定を変更しますか？ 変更後、自動的にカートリッジが排出されます。」というメッセージが表示されます。
2. [適用] ボタンをクリックする。
メディアは記録禁止となり、カートリッジが排出されます。

カートリッジメモリを利用したメディアの記録禁止解除を行うには

1. [記録禁止解除] ボタンをクリックする。
「記録禁止設定を変更しますか？ 変更後、自動的にカートリッジが排出されます。」というメッセージが表示されます。
2. [適用] ボタンをクリックする。
メディアは記録禁止解除となり、カートリッジが排出されます。

アラームコード

現在選択されている ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U で発生したアラームが表示されます。この情報は異常な状態が解消されるまで保持されます。

コード

選択された ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U に発生しているアラームの番号が表示されます。

詳細

選択された ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U に発生しているアラームの内容や対応方法が表示されます。

アラームの内容については、アラームコード一覧をご覧ください。

最新の情報に更新するには

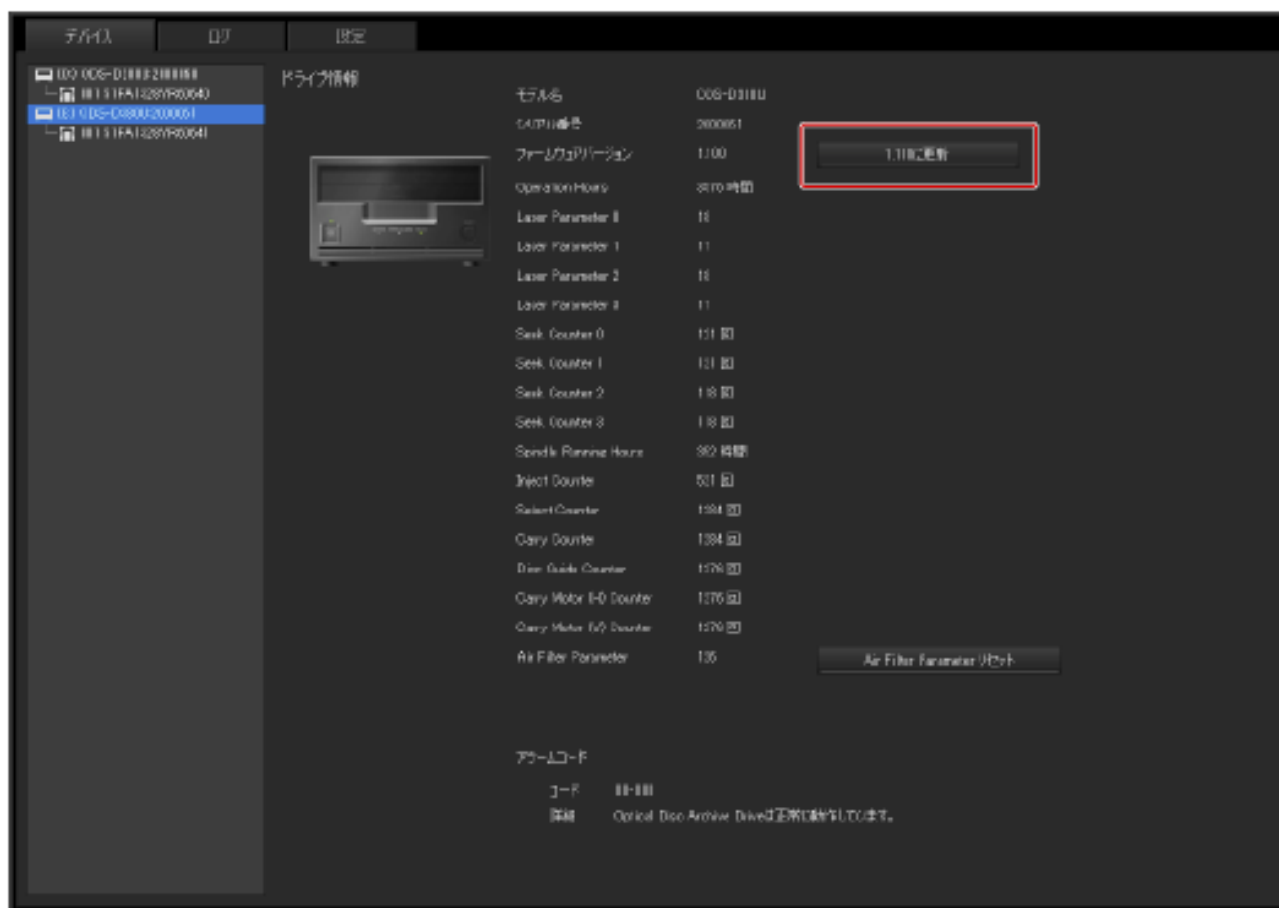
表示メニューから [更新] を選択します。

関連項目

デバイス画面 - 各部の名称と働き

ファームウェア更新

ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U のファームウェアを更新します。



ファームウェアを更新するには

1. [1.630 に更新] ボタンをクリックする。^{a)}

「ファームウェアを更新しますか?」というメッセージが表示されます。

フォーマットを行うには

1. [フォーマット] ボタンをクリックする。
「フォーマットをしますか？フォーマットすると、すべてのファイルが消去されます。」というメッセージが表示されます。
2. [はい] ボタンをクリックする。
フォーマットが完了すると「フォーマットに成功しました。」というメッセージが表示されます。
3. [閉じる] ボタンをクリックする。
フォーマット処理が終了します。

フォーマットを行うには（容量を回復）

リライタブルメディアを使用している場合はメディア全体を初期化して、記録済みの領域を利用可能にすることができます。また、Optical Disc Archive 1 カートリッジが挿入されているときは、ボリュームタイプを PARITY ON (Max: 60000 files)、または PARITY OFF (Max: 240000 files) から選択することができます。

1. フォーマット処理の手順 2 で [メディア容量を回復する] を選択して [OK] ボタンをクリックする。

関連項目

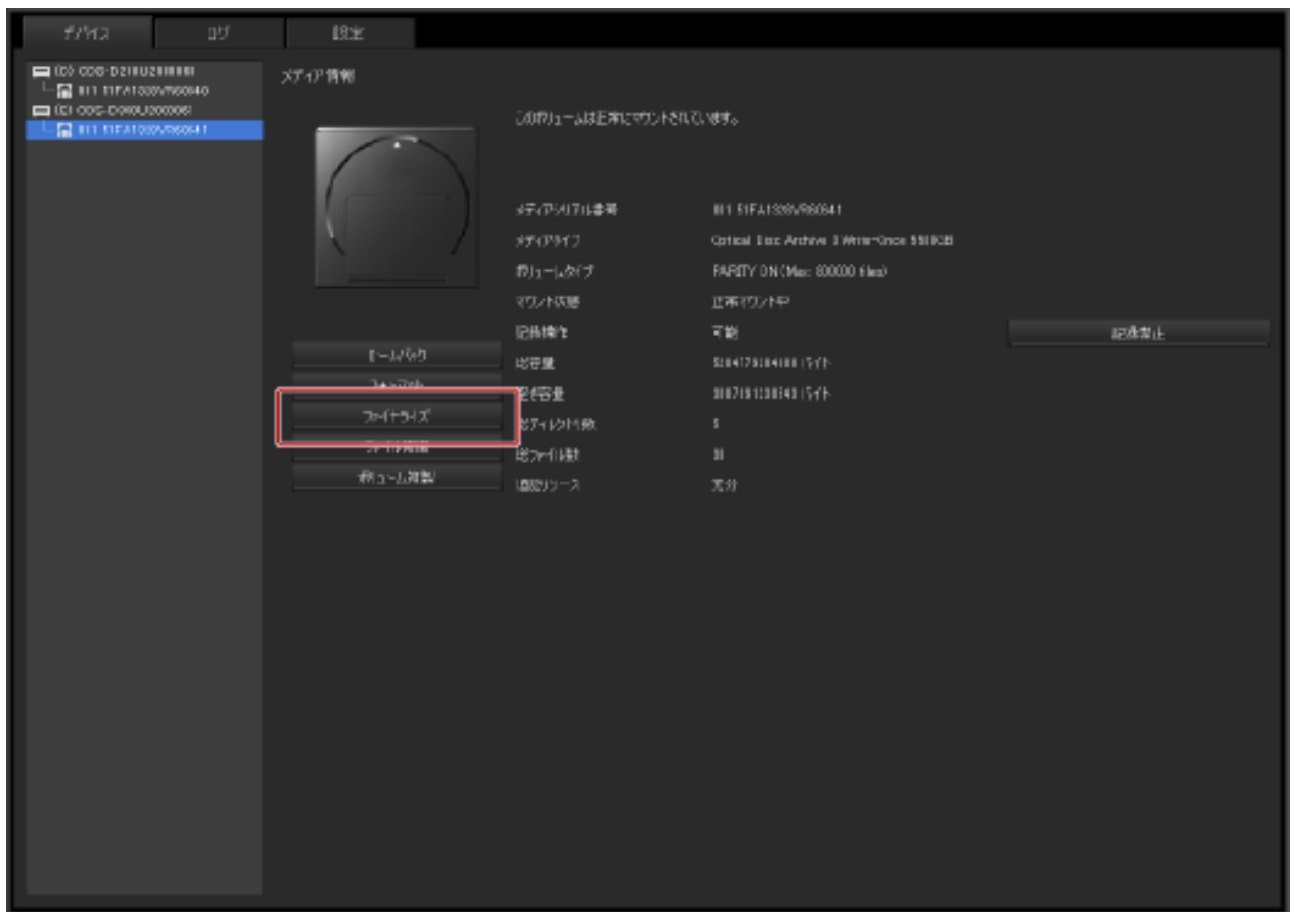
デバイス画面 - 各部の名称と働き

ファイナライズ（ライトワンスメディアのみ）

ファイナライズ処理を行うと読み出し専用のメディアになり、それ以降のファイルの書き込みはできなくなります。データの耐障害性が向上します。

ご注意

- ファイナライズできないとき
記録禁止になっています。以下の内容を確認してから、再度ファイナライズを行ってください。
 - Optical Disc Archive Drive で取り扱い可能なカートリッジであるか（詳しくは ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U OPERATION MANUAL をご覧ください。）
 - カートリッジの記録禁止タブが [記録禁止] の状態になっていないか（詳しくは ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U OPERATION MANUAL をご覧ください。）
 - 設定画面で [ドライブを記録禁止にする] チェックボックスがオンになっていないか（チェックボックスをオフにしてから「動作モードを変更するには」を実行してください。）
 - デバイス画面 - メディア情報画面で [記録禁止] ボタンの表示が [記録禁止解除] になっていないか



ファイナライズを行うには

1. [ファイナライズ] ボタンをクリックする。
「ファイナライズをしますか？ファイナライズすると、このメディアは読み出し専用となります。また、この操作は取り消しできません。」というメッセージが表示されます。
2. [はい] ボタンをクリックする。
ファイナライズが完了すると「ファイナライズに成功しました。」というメッセージが表示されます。
3. [閉じる] ボタンをクリックする。
ファイナライズ処理が終了します。

関連項目

デバイス画面 - 各部の名称と働き

ファイル修復

ファイルが破損した場合に修復、復元することができます。

ご注意

ファイル修復を実行すると、カートリッジからファイルを読み出して修復した後、HDD などの他ストレージに保存します。

ボリュームチェックを行うには

ファイルシステムのチェックと修復を行います。

ボリュームをチェックする

1. [ファイル修復] ボタンをクリックする。
リスト画面が表示されます。
2. [ボリュームチェック] ボタンをクリックする。
「ボリュームチェックを実行しますか?」というメッセージが表示されます。
3. [はい] ボタンをクリックする。
ボリュームチェック画面が表示されボリュームチェックが実行されます。
4. ボリュームチェック完了後、問題が検出されなければ、「問題は見つかりませんでした。」というメッセージが表示されます。

問題が検出された場合、表示されたダイアログの指示に従ってボリュームを修復してください。

ご注意

破損したファイルを修復するには、「ファイル修復を行うには」をご覧ください。

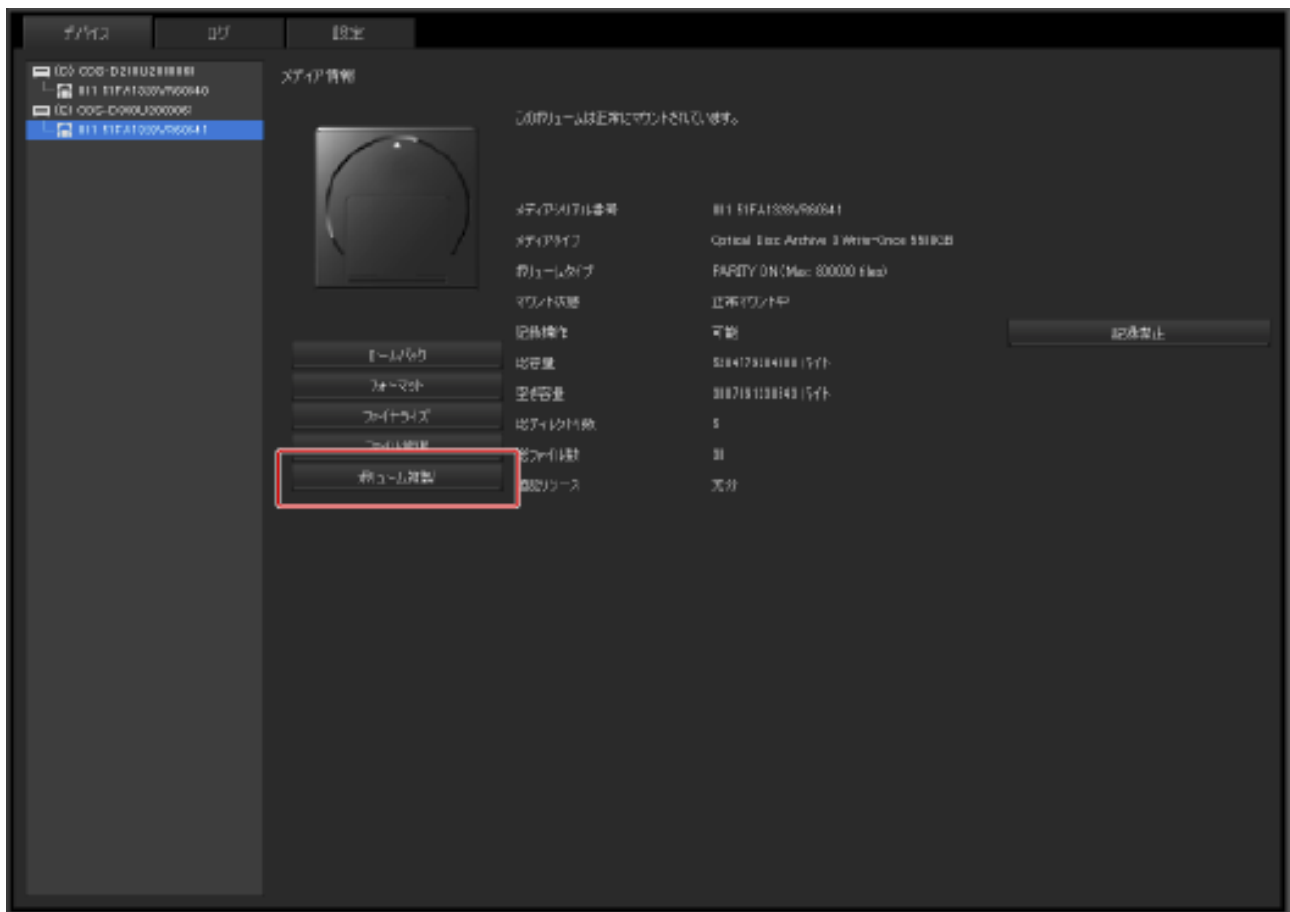
関連項目

デバイス画面 - 各部の名称と働き

ボリューム複製

選択しているメディアのデータをボリューム単位またはフォルダー単位で別のメディアに短時間で複製することができます。

また、Optical Disc Archive カートリッジ以外のハードディスクなどに複製することもできます。



Optical Disc Archive ボリュームから、ローカルディスクなどの他ファイルシステムのボリュームに複製する

1. [ボリューム複製] ボタンをクリックする。
「ボリューム複製をしますか？ボリューム複製中はファイルを変更しないでください。」というメッセージが表示されます。
2. [はい] ボタンをクリックする。
表示された画面から [ボリューム単位の複製をする。] または [フォルダー単位の複製をする。] を選択し、[OK] ボタンをクリックしてください。[フォルダー単位の複製をする。] を選択した場合は、[参照] ボタンをクリックして、表示された画面から複製したいフォルダーを選択してください。
3. [別のボリュームを選択する。] を選択し、[OK] ボタンをクリックする。
表示された画面から複製したいフォルダーを選択、または新しいフォルダーを作成して [OK] ボタンをクリックしてください。
4. [ボリューム複製を終了する。] または [再書き込みをする。] を選択し、[OK] ボタンをクリックする。
ボリュームの複製が始まります。複製の進捗がプログレスバーで表示されます。

Optical Disc Archive ボリュームから別の Optical Disc Archive ボリュームに複製する

1. [ボリューム複製] ボタンをクリックする。
「ボリューム複製をしますか？ボリューム複製中はファイルを変更しないでください。」というメッセージが表示されます。



動作モード

動作モード	内容
ベリファイ記録をする	<p>Optical Disc Archive 1 メディアにベリファイ記録をする</p> <p>ボリュームに正しく書き込まれたかを検証しながら、ファイルを書き込みます。</p> <p>Optical Disc Archive 2/3 メディアは常にベリファイ記録されます。</p> <p>ご注意</p> <p>転送速度が変わります。詳しくは ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U OPERATION MANUAL をご覧ください。</p>
ドライブを記録禁止にする	ドライブへの記録を防ぐ

操作時のアラーム

LED ^{a)}	アラームコード	意味	対処方法
1 秒間隔で点滅	6D-001	このメディアは使用できません。	ソニーサービス担当者にご相談ください。
	6D-002	メディアに何らかの問題が生じた可能性があります。	別のカートリッジへデータを移行されることを推奨します。詳細は最新のリリースノートを参照してください。
	54-200 54-201 53-502	ディスクの管理領域に異常を検出した。	カートリッジを取り出して再挿入してください。
	54-004 54-005 54-007 95-517 95-518	カートリッジメモリへのアクセスができない。	カートリッジを取り出して再挿入してください。
	54-006	未対応フォーマットのカートリッジメモリを検出した。	このメディアは使用できません。別のカートリッジを挿入してください。
	54-300	記録用ディスクの物理フォーマットを修復しています。	エラー発生中は電源をオフにしないでください。 カートリッジを修復しています。この処理は数分かかる場合があるので、完了するまで電源をオフにせずお待ちください。

LED ^{a)}	アラームコード	意味	対処方法
非点灯	22-001	カートリッジに対して、同時複数アクセスが頻繁に行われました。	複数ファイルの同時読出し、ファイル書込み / 読出し中のファイル読出し / 書込み、同一ボリューム内の自己ファイルコピー等の操作は、パフォーマンスの低下を招きますので避けてください。詳しくは「非推奨動作」をご覧ください。
	91-552	マウントに失敗した。	カートリッジを一旦取り出して、挿入し直してください。
	91-553	リードエラーが発生した。	
	91-554	ライトエラーが発生した。	
	91-556	メディアに記録されたパリティの一部が破損している可能性があります。	別のカートリッジヘデータを移行されることを推奨します。詳細は最新のリリースノートを参照してください。
	91-558	ファイバーチャンネルホストアダプターの最大データ転送サイズが正しく設定されていません。	詳細は ODS-D380F Technical Note を参照ください。
	91-559	ファイルシステムのキャッシュを格納するパスにアクセスができません。	ソニーサービス担当者にご相談ください。

a) ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U の ALARM インジケーター

関連項目

カートリッジ挿入時のアラーム

センサーおよびドライブに関するアラーム

LED ^{a)}	アラームコード	意味	対処方法
1 秒間隔で点滅	3F-511	エアフィルターの交換時期に達した。	エアフィルターを交換してください。 ^{b)}
	02-605	汚れ等により光学ブロックの光量が低下しています。	ソニーサービス担当者にご相談ください。
	02-685		
	02-705		
	02-785		
	12-605		
	12-685		
	12-705		
	12-785		

a) ODS-D55U/ODS-D77U/ODS-D280U/ODS-D380U の ALARM インジケーター

b) 詳しくはオペレーションマニュアルをご覧ください。

関連項目

カートリッジ挿入時のアラーム

操作時のアラーム

非推奨操作	対処方法
<p>[2]</p> <p>ファイル記録中のファイル読出し、ファイル読出し中のファイル記録が行われた。</p> <p>「操作例」:</p> <p>Windows Explorer で、ローカルフォルダー内のファイルを ODA メディアに Drag&Drop でコピーし、そのコピー中に ODA メディアの別のファイルをローカルフォルダーに Drag&Drop でコピーする。</p> <p>この両コピー操作は継続されますが、特に後者の ODA メディアからの読出しファイルが最終記録ディスク以外に配置されていた場合、64KB ～ 32MB ごとにディスク交換が発生する為、著しく転送速度が低下し、メディアの耐久性に悪影響を及ぼします。</p>	<p>ODA メディアへのファイルコピーが完了してから、メディア上のファイルをローカルフォルダー（PC のハードディスク等）にコピーしてください。</p>
<p>[3]</p> <p>同じボリューム内での、自己ファイルコピーが行われた。</p> <p>「操作例」:</p> <p>Windows Explorer で、ODA メディアに記録されたファイルを右クリックドラッグし、ODA メディアのフォルダ上でドロップ後[ここにコピー]を選択する。</p> <p>このコピー操作はエラーとなりませんが、特にコピー元のファイルが別のディスクに配置されていた場合、64KB ～ 32MB ごとにディスク交換が発生する為、著しく転送速度が低下し、メディアの耐久性に悪影響を及ぼします。</p>	<p>該当のファイルを一度 PC のハードディスク等にコピーした後に、そのファイルを再度ハードディスクから ODA メディアにコピーしてください。</p>
<p>[4]</p> <p>ディスクを跨るファイルのランダム位置への読出しが行われた。</p> <p>「操作例」:</p> <p>XDCAM Viewer で、ディスクを跨って ODA メディアに記録されたクリップファイルを再生中、ポジションバーを大きく左右にスクラブする操作を行う。</p> <p>この操作により、頻繁なディスク交換が発生する為、著しく転送速度が低下し、メディアの耐久性に悪影響を及ぼします。</p>	<p>該当のファイルを PC のハードディスク等にコピーした後に、この（コピーした）ファイルに対してスクラブ等の Viewing 操作を行ってください。</p> <p>ODA メディアへ記録する際に、Content Manager（ODA 推奨ソフトウェア）をご利用いただきますと、ディスクを跨いだ記録を抑制することができます（記録するファイル容量がディスク空き容量より大きい場合等、条件によっては、ディスク跨ぎを抑制できないことがあります）。</p>

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

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Module: Secure Hash Algorithms SHA-384 and SHA-512

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Module: Adobe Glyph List For New Fonts, version 1.7

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Module: Anti-aliasing rasterizer from FreeType 2

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Module: Smooth Scaling Algorithm
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qimagertransform.cpp was contributed by Daniel M. Duley based on code from Imlib2.

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Module: Vulkan Memory Allocator, version 2.3.0

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