

# Section 4

## System Configuration

### Browser Interface

From configuring preferences and settings, to organizing movie and music libraries, the browser interface on a Premiere system is a valuable resource consisting of the following main pages.

- ▶ **HOME:** View basic status of the Premiere system and link to player control panels.
- ▶ **MOVIES:** Browse and edit movie information, organize the library with user created collections, and manage scenes.
- ▶ **MUSIC:** Manage the music library with custom collections and mix albums, and view and edit album information.
- ▶ **DISC VAULTS:** Selectively choose discs to eject, and monitor import or catalog progress of vault titles.
- ▶ **SCRIPTS:** Create, edit and delete movie scripts.
- ▶ **IMPORT:** View and edit content added to the Premiere system from a chronological list.
- ▶ **SETTINGS:** Register the system, set up parental controls, and configure preferences and settings for all components in the Premiere system.

### Accessing the Browser Interface

There are three primary ways to access the browser interface: System URL, server IP address, and serial number URL.

- **System URL**

<http://my-kaleidescape> (Windows) or  
<http://my-kaleidescape.local> (Mac)

**Note:** The *System URL* has the name **my-kaleidescape** by default but that name can be changed on the **SETTINGS > General** page of the browser interface. If the *System URL* has been changed, enter the new address.

- **Server IP address**

<http://www.xxx.yyy.zzz> (Windows or Mac) where [www.xxx.yyy.zzz](http://www.xxx.yyy.zzz) is the IP address of the server.

- **Serial number URL**

When setting up separate Premiere systems, each with a dedicated server on the same subnet, and System URLs have not been changed and the server IP addresses are not known, use an address beginning with **ks-** followed by all twelve digits of the server serial number.

For example, to access the browser interface of a server with the serial number 0103 0001 2345, enter

<http://ks-010300012345> (Windows) or

<http://ks-010300012345.local> (Mac)

## Troubleshooting if the Browser Interface Does Not Load

If the web browser cannot load the browser interface using one of the methods above. Refer to [Network Requirements on page 165](#).

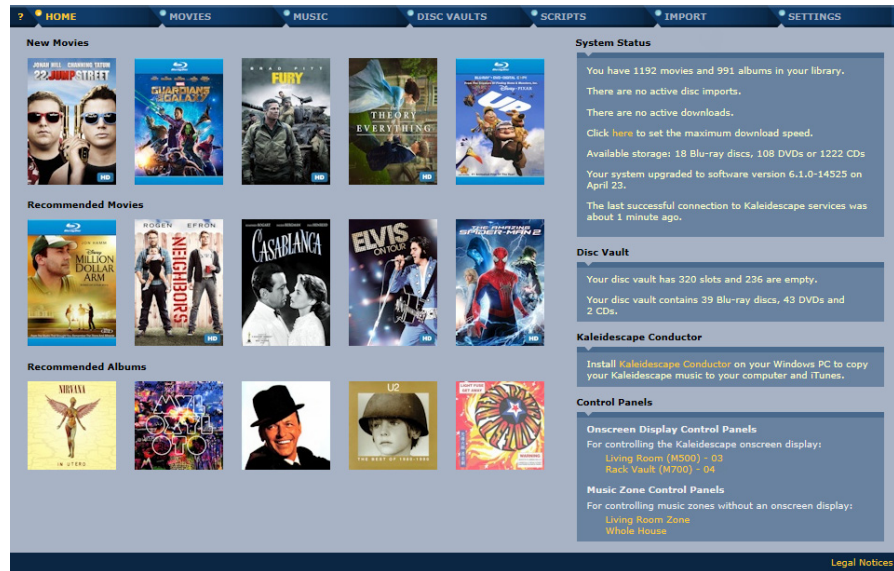
## Viewing System Information

After the Premiere line server is installed, powered on, and has an active network link, use the following procedure to view system information.

1. Open the browser interface as described in [Accessing the Browser Interface on page 65](#).
2. If a login page appears, enter the password and select **Login**. If the password needs to be reset, connect the system to the Internet and contact Kaleidescape Technical Support
3. The **HOME** page appears. See [Figure 4-1](#).

When more than one Premiere system exists on the network, select the **SETTINGS > Components** page and verify that the connection is to the correct system by checking the server serial number(s) listed. For help accessing the *Components* page see [Configuring System Components on page 76](#).

To connect to a different system, select **View another system** from the message at the top of the page and select the system. A new window opens with a connection to the **HOME** page of the browser interface for the other system. See [Figure 4-1](#).



**Figure 4-1** Browser Interface HOME Page

Multiple areas are displayed on the right side of the *HOME* page depending on system capabilities. The *System Status* and *Disc Vaults* areas report information about the Premiere system.

#### ► **System Status**

The *System Status* area combines information from all servers in the Premiere system, and displays the following details.

- Number of movies and albums in the library
- Progress of active imports
- Progress of active downloads, and the ability to set the maximum download speed (in territories where the Kaleidescape Movie Store is supported)
- Available storage
- Current software version and when last upgraded
- Last successful connection to Kaleidescape services
- Alerts reporting possible configuration or hardware errors
- Status of a rebuilding disk cartridge (when applicable)

#### ► **Disc Vaults**

When one or more disc vaults are installed on the Premiere system, the *Disc Vault* area appears reporting details from all vaults.

- Total number of slots and number of empty slots
- Number of Blu-ray discs, DVDs or CDs
- Current status of discs being added to the system or waiting to be ejected

The *HOME* page may also include areas with links to Kaleidescape Conductor and control panels.

#### ▶ **Kaleidescape Conductor**

On Premiere systems that support music, the *Kaleidescape Conductor* area appears. Select the amber colored **Kaleidescape Conductor** link to download the current version of Conductor.

#### ▶ **Control Panels**

When one or more players are installed on the Premiere system, the *Control Panels* area appears. Select the amber colored link to control the onscreen display or the music zone.

**Note:** Control of the onscreen display should be done while viewing the TV or display. No video is sent to the control panel.

**Note:** The control panels require an up-to-date version of the Java software (current version can be found at [www.java.com](http://www.java.com)).

## Browser Interface Alerts

When a component encounters a problem, an alert appears at the top of every page of the browser interface. Below is an example of an alert on the *HOME* page for a failed or missing disk cartridge.

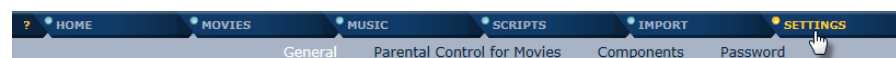
In this example, the notification also appears in the *System Status* area along with another alert reporting a possible network issue.



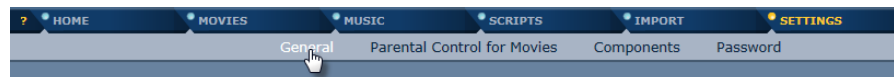
## Setting System Preferences

System preferences on a Premiere system are configured from the *General* tab on the *SETTINGS* page of the browser interface.

1. Open the browser interface as described in [Accessing the Browser Interface on page 65](#).
2. Select the **SETTINGS** tab.

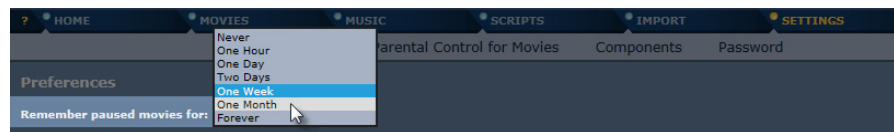


3. If the **General** tab is not open, select it from the second row of tabs.



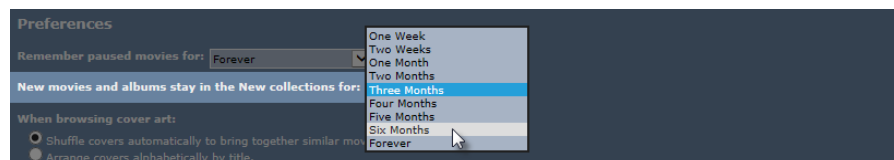
4. A **paused bookmark** is created when any movie or TV episode is stopped before reaching the end credits. Movies with a paused bookmark appear in the *Paused* movie collection and can be resumed from any player in the Premiere system.

From the drop-down menu for **Remember paused movies for**, choose how long paused bookmarks are stored.

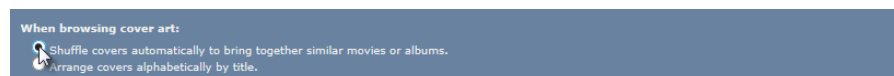


5. When content is added to a Premiere system, it automatically appears in the *New* movie collection or the *New* music collection.

Choose how long new movies and albums remain in the *New* collections, from the drop-down menu for **New movies and albums stay in the New collections for**.



6. By default, cover art on the *Covers* view is automatically shuffled surrounding the highlighted cover with similar titles. Under **When browsing cover art**, leave this default preference intact, or choose to have cover art arranged alphabetically.



**Note:** The SHUFFLE\_COVER\_ART and ALPHABETIZE\_COVER\_ART commands can be sent to the control system to change the cover art arrangement on the fly.

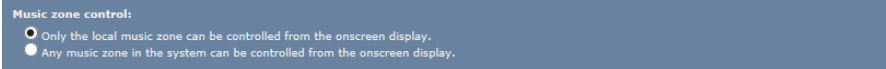
7. Under **Normalize music volume**, choose to have songs from different albums played at similar volumes, or choose to have music played at the recorded volume.



8. Under **Crossfade between songs**, choose to crossfade songs when appropriate, or choose to never crossfade songs.



9. For **Music Zone Control**, choose to limit control from the onscreen display to the local music zone, or choose to allow control of any music zone from any player in the Premiere system.



To choose the zone to control from the onscreen display (when configured to control any music zone), open the *Now Playing* view on any player and select **Control Zone...**



10. During the activation process, the name of the Premiere system is defined. If the system owner has not completed the activation process, see [Activating the System on page 13](#).

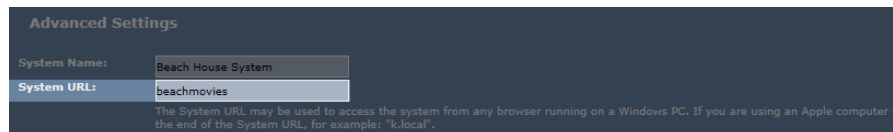
If the activation process is complete and the name needs to be changed, enter the new name in the **System Name** field.



**Note:** In territories where the Kaleidescape Movie Store is supported, the system name can be modified from the Movie Store, by visiting the **Account > My System** page.

11. Change the **System URL** when setting up multiple Premiere systems at the same site. Specifying a descriptive name provides direct access to the browser interface for each specific system.

**Note:** Characters must be lower case with no spaces.



In this example, the browser interface can be accessed by entering:

<http://beachmovies> (Windows) or

<http://beachmovies.local> (Mac)

12. Select the **Time Zone** from the drop-down menu.



13. Enter the appropriate **HTTP Proxy Server** if necessary.



Only use this setting if the network has to communicate to the Internet through a proxy server.

14. Once all preferences and settings are configured, click **OK** at the bottom of the page.

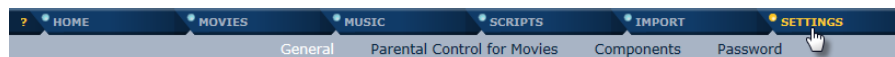
## Configuring Parental Controls for Movies

On Kaleidescape Premiere systems, there are four parental control levels, three of which can be passcode protected. Each player can be configured to display and allow playback of only movies from certain parental control levels. For example, the toy room player can be configured to only display content rated G and below, while the master bedroom player is configured to display content rated R and below. The existence of restricted content can even be completely hidden from the onscreen user interface.

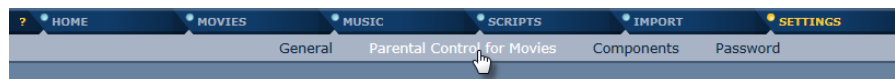
### Accessing Parental Control Settings

Parental Controls on a Premiere system are configured from the *Parental Controls for Movies* tab on the *SETTINGS* page of the browser interface.

1. Open the browser interface as described in [Accessing the Browser Interface on page 65](#).
2. Select the **SETTINGS** tab.



3. Select **Parental Control for Movies** from the second row of tabs.



### Defining Parental Control Levels

Each level must have a unique rating with *For children* assigned the lowest rating and *Restricted content* assigned the highest rating.

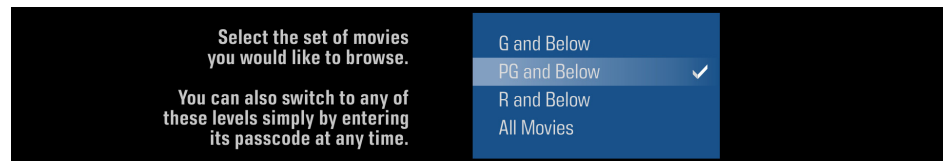
1. Define a rating for each of the four levels from the **Rating** drop-down menus. See [Figure 4-2](#).

	Rating	Passcode
For children:	G and Below	
For young adults:	PG and Below	
The main library:	R and Below	
Restricted content:	All Movies	

**Figure 4-2 Parental Control Levels - Define Rating Levels**

2. Click **OK** to save.

The four defined parental control levels now appear in the *Parental Control* view of the onscreen user interface. Selecting a specific parental control level limits the player to only display movies contained by the defined rating. With the level selected in the example, only movies rated PG and below appear in the onscreen user interface. All movies with a higher rating are hidden.



## Assigning Passcodes

When a passcode is assigned to a parental control level, the movies contained in that level and all movies rated higher will not appear until the correct passcode is entered. When a passcode is not defined for a parental control level, that level can be accessed from any player without passcode protection.

1. Assign a numeric passcode with up to eight digits to each parental control level to protect.

	Rating	Passcode
For children:	G and Below	
For young adults:	PG and Below	
The main library:	R and Below	****
Restricted content:	All Movies	*****

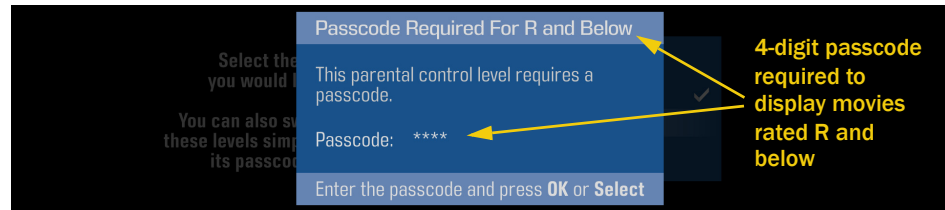
enter passcodes for levels to protect

2. Click **OK** to save.

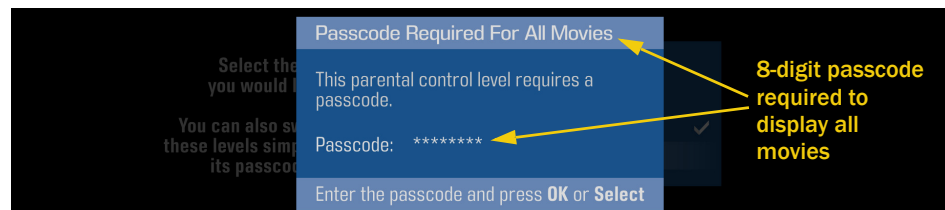
In the example, *The main library* is assigned a 4-digit passcode while *Restricted content* is assigned an 8-digit passcode.



When someone tries accessing movies rated R and below, the 4-digit passcode for *The main library* must be entered.



When someone tries accessing all movies, the 8-digit passcode for *Restricted content* must be entered.

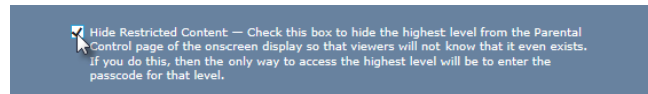


**Note:** As a shortcut, levels protected with a passcode can be accessed by simply entering the passcode from any view in the onscreen user interface. In the example, if the four numeric keys that make up the 4-digit passcode were pressed while on the *Covers* view, movies rated R and below would then appear.

## Hiding Restricted Content

Movies contained in the *Restricted content* level can be hidden from the *Parental Control* view so users are not even aware of their existence on the Premiere system.

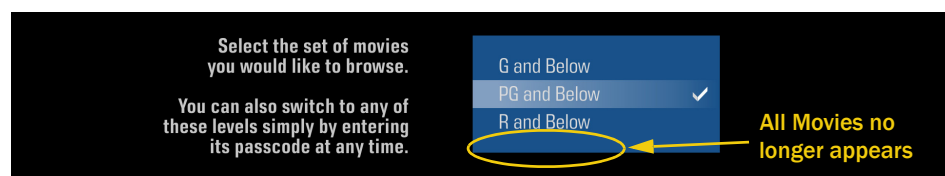
1. Check the box next to **Hide Restricted Content** to hide the highest level from the Parental Control view on the onscreen user interface.



2. Click **OK** to save.

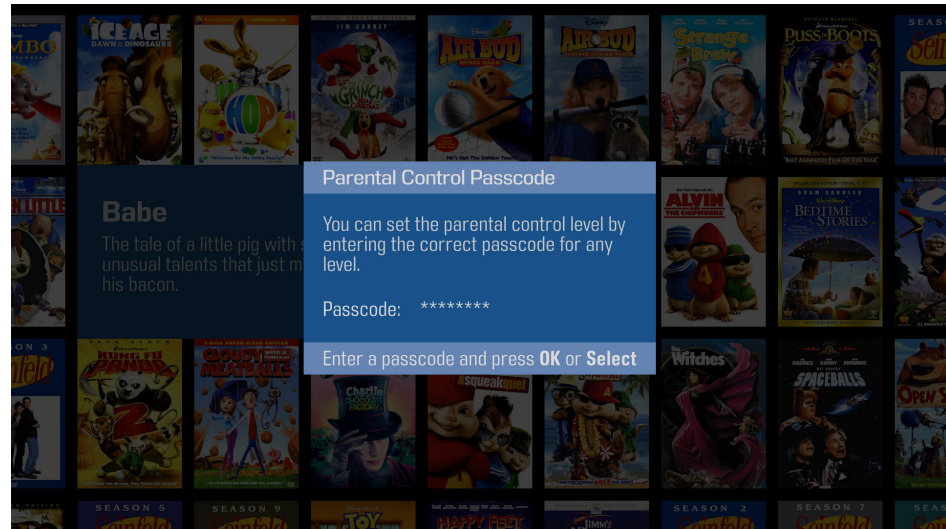
When hidden, the *Restricted content* level no longer appears on the *Parental Control* view.

In the example, *Restricted content* is defined as *All Movies*. With this level hidden, *All Movies* no longer appears as an option when the Parental Control view is accessed.



When restricted content is hidden, the passcode must be entered (from any view in the onscreen user interface) to access movies contained in the *Restricted content* level.

In the example, *Restricted content* can be accessed while viewing *Movie Covers* simply by pressing the eight numeric keys that make up the 8-digit passcode.

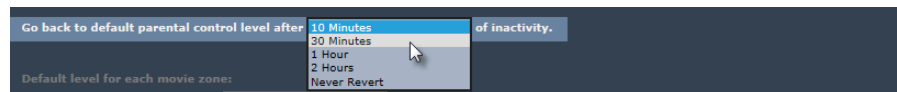


After the passcode is entered, the *Movie Covers* view (and all other views) displays *All Movies*.

## Setting Inactivity Timeout

The inactivity timeout is the amount of time an idle player displays and allows playback of movies from a protected level before returning to the default level.

1. Select the time of inactivity from the **Go back to default parental control level after** drop-down menu.



**Note:** When *Never Revert* is selected, the player only returns to the default level after a reboot, or when someone deliberately changes levels.

2. Click **OK** to save.

## Setting Player Default Levels

By default, each player in the Premiere system is set to the automatic safe level. The **Automatic Safe Level** is defined as the highest parental control level not protected with a passcode.

The last sentence in the paragraph in the bottom right corner of the *Parental Control for Movies* page reports the automatic safe level. This changes based on the current definition of each parental control level and the passcode settings.

In the example, the highest level without a passcode is *For young adults*, therefore the *Automatic Safe Level* is defined as *PG and Below*.

Each movie zone starts at the Parental Control level that you select as the default. If "Automatic Safe Level" is selected then the movie zone will use the highest Parental Control level that has no passcode. With the above settings, the automatic safe level is "PG and Below."

Each movie player can be set to a different default level.

1. Under **Default level for each movie zone**, set the default parental control level for each player in the Premiere system. Use the drop-down menu next to each movie zone name.

Default level for each movie zone:

Master Bedroom Player:	Restricted content
Toy Room Player:	Children
Theater Player:	Automatic Safe Level

2. Click **OK** to save.

With the default levels defined in the example, each player displays a different set of movies by default. The master bedroom player displays all movies, the toy room player displays movies rated G and below, and the theater player displays movies defined by the automatic safe level, or movies rated PG and below.

## Setting Default Rating for Unrecognized Movies

The Kaleidescape Movie Guide includes ratings as determined by the Motion Picture Association of America (MPAA). When an unrecognized movie is added to the Premiere system, it is not part of the Movie Guide and the rating is unknown. A default rating can be chosen to assign to all unrecognized movies.

1. Under **Default rating for unrecognized movies**, use the drop-down menu to set the default rating to use for movies that are unrecognized.

Default rating for unrecognized movies: Unrated (General Audiences)

2. Click **OK** to save.

## Accessing Parental Control View

Use the *Parental Control* view in the onscreen user interface to change the parental control level of a movie zone.

1. Press the **Menu** button on the Kaleidescape remote, or press **Menu** on the *Remote Control* page of the Kaleidescape iPad app.
 

**Note:** This is equivalent to sending the KALEIDESCAPES\_MENU\_ON or KALEIDESCAPES\_MENU\_TOGGLE command.
2. Use the arrow buttons to highlight **Movies**, then select **Parental Control**. The *Parental Control* view appears.
3. The current parental control level is indicated with a check-mark. Use the arrow buttons to select the desired level, and then press **OK** or **Enter**.
4. If the level is protected, enter the passcode when prompted.

To access a protected level without opening the *Parental Control* view, simply enter the passcode from any place in the onscreen user interface.

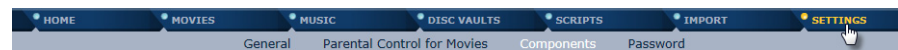
## Configuring System Components

The **COMPONENTS** page lists properties for system components. Use the following procedures to view and set preferences, and settings.

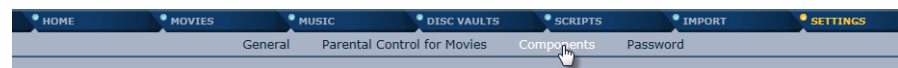
### Setting Component Preferences

Preferences for components in a Premiere system are configured from the *Components* tab on the *SETTINGS* page of the browser interface.

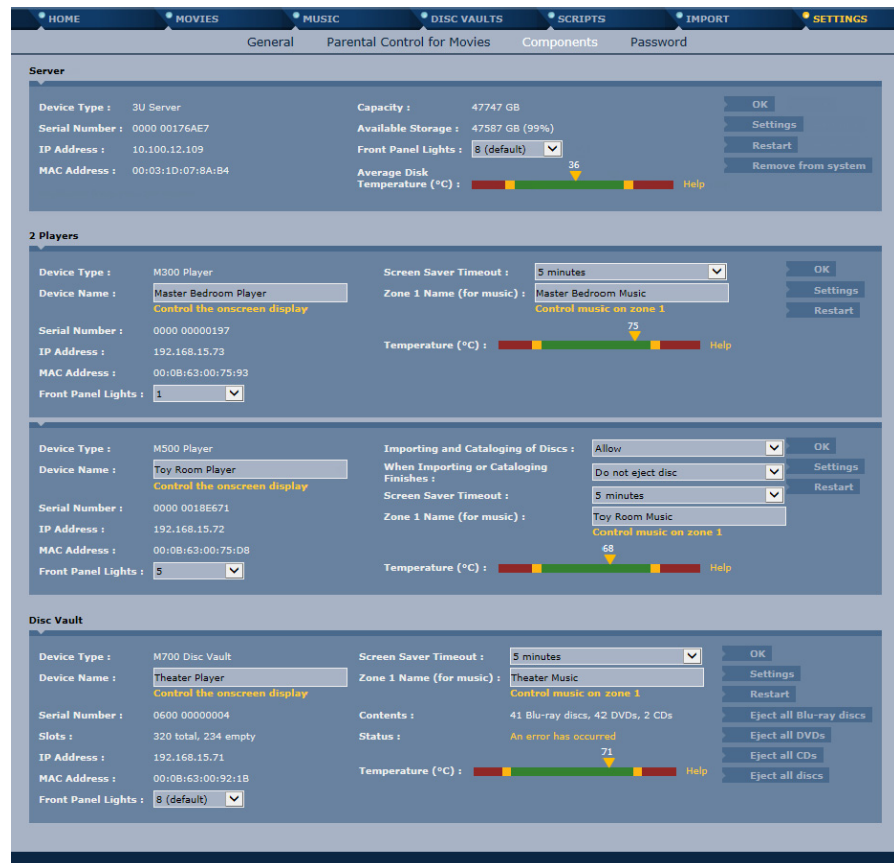
1. Open the browser interface as described in [Accessing the Browser Interface on page 65](#).
2. Select the **SETTINGS** tab.



3. Select **Components** from the second row of tabs.



A list of the components in the Premiere system appears including detailed information about each component (serial number, IP address, MAC address, storage capacity, storage available, front panel lighting, temperature, and more...). See [Figure 4-3](#).



**Figure 4-3 Components Page**

- Configure preferences for each player or disc vault by completing all fields and then selecting OK before moving to the next component.

- ▶ Input a meaningful **Device Name** in the text box, for example *Living Room* or *Guest Room*.

The **Device Name** identifies the component throughout the user interface. For example, the **Device Name** appears as the name of the onscreen display control panel for the component movie zone and on the *Parental Control for Movies* tab on the *SETTINGS* page of the browser interface.

The **Device Name** also appears on the Kaleidescape iPad app.

- ▶ Set the brightness of the **Front Panel Lights** from the drop-down menu.
- ▶ For M500 Players, set the import or catalog privilege. Use the drop-down menu next to **Importing and Cataloging of Discs** to allow or not allow discs to be imported or cataloged from the tray.

Every M500 Player has the option to allow or disallow discs from being imported or cataloged. This option prevents guests or children

from accidentally adding content to the Premiere system. With importing and cataloging of discs disabled, movies and albums can still be played from the tray of the M500 Player.

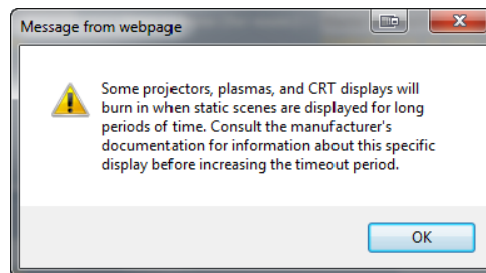
On a Premiere system sold by Kaleidescape on or after November 30<sup>th</sup> 2014, CSS-protected DVDs can only be cataloged. For more information, visit [www.kaleidescape.com/protected-dvds](http://www.kaleidescape.com/protected-dvds).

- ▶ For M500 Players, select whether or not to open the disc tray automatically **When Importing or Cataloging Finishes**. Make the selection from the drop-down menu.

**Note:** This option is useful if the player in question is behind a door that can prevent the tray from ejecting properly.

- ▶ Select the **Screen Saver Timeout** from the drop-down menu. This determines how long the idle player shows the onscreen user interface before the screen saver appears.

If selecting a screen saver timeout of more than the 15 minute default, a warning message appears about display burn-in.



Be sure to consult the manufacturer's documentation.

- ▶ On Premiere systems that support music, enter a name for the **Music Zone** in the text box. It is useful to choose descriptive names such as living room, patio, or bedroom. The music zone name appears on the **HOME** page of the browser interface for the corresponding music zone control panel and throughout all user interfaces.

The onscreen user interface lists the names of the music zones on the *Now Playing* view if the **Music zone control** feature is enabled.

5. After setting all preferences for the player or disc vault, click **OK** to save changes.
6. Repeat steps 4 and 5 for all players and disc vaults in the Premiere system.

## Control Panels

Useful for testing and troubleshooting system configurations, the *Components* page includes onscreen display and music zone control panels.

**Note:** The control panels require an up-to-date version of the Java software (current version can be found at [www.java.com](http://www.java.com)).

These same control panels can be accessed on the *HOME* page of the browser interface.

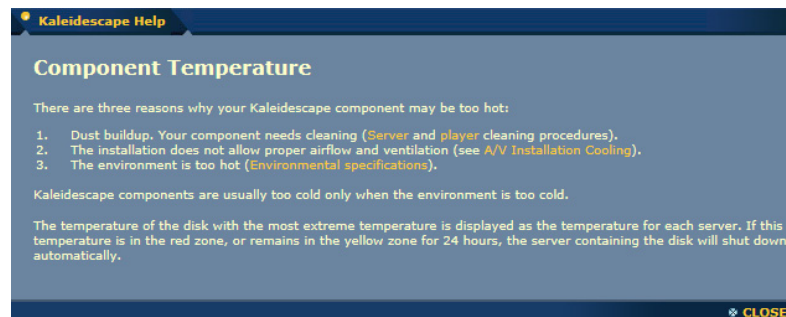
1. To control the onscreen user interface, click the amber **Control the onscreen display** link to bring up the control panel for a player.

**Note:** Control of the onscreen display should be done while viewing the TV or display device. No video is sent to the control panel.

2. To control music in areas without a display device, click **Control Music on Zone #** to access the control panel for that music zone.

## Temperature Bar

A temperature bar shows the current operating temperature of each component. If a component is in, or approaching, the red section of the high temperature range, click the **Help** link. A window appears with instructions for corrective action.



If a component is in, or approaching, the red low temperature range, the room temperature is likely too cold. Refer to the environmental specifications in [Appendix A on page 134](#).

## Restart

The **Restart** button is used to restart components remotely. It takes two minutes or longer to restart a server. Any imports in progress are aborted.

Restarting the server prompts a check for software updates, and Movie Guide and Music Guide updates. A restart also clears alerts; however, if the condition still exists, the alerts reappear.

All components must be restarted for network changes to take effect.



## Settings

The **Settings** button is used to access specific configuration tabs.

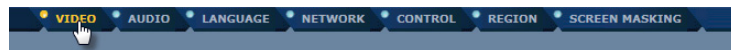
- Servers in the Premiere line have two settings tabs: **NETWORK** and **CONTROL**.
- The M300 Player, M500 Player, and M700 Disc Vault have seven settings tabs: **VIDEO**, **AUDIO**, **LANGUAGE**, **NETWORK**, **CONTROL**, **REGION**, and **SCREEN MASKING**.
- The DV700 Disc Vault has three settings tabs: **NETWORK**, **CONTROL** and **REGION**.

Each component must be configured individually.

## Video and Audio Settings

Players have several video outputs which are all active simultaneously, however, DVD and Blu-ray playback restrictions exist on analog outputs.

Select the **VIDEO** tab to optimize video for **each player** in the system.

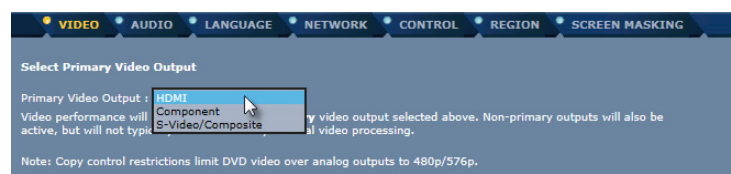


If a player is connected to more than one display device (either using multiple video outputs from the player or a matrix switcher) video cannot be optimized for each display device. One set of settings must be chosen for the movie player that presents the fewest problems for all connected displays.

The M300 Player, M500 Player and integrated player in the M700 Disc Vault each player supports up to 16 downstream HDCP devices. For more information regarding HDMI, refer to the [HDMI and the Kaleidescape System Technical Note](#).

### 1. Select Primary Video Output

Select the **Primary Video Output** from the drop-down menu. The primary output is typically the output that connects to the primary display device (the display most watched). Default setting is **HDMI**.



The player synchronizes audio and video for the primary video output, although all video outputs remain active. The video outputs cannot be controlled independently, and restrictions may exist during playback.



- When HDMI is the primary video output, component video output is 480i/576i.
- In accordance with analog sunset restrictions, Blu-ray video only appears on HDMI. All analog outputs are disabled.
- Copy control restrictions limit DVD video over analog outputs to 480p/576p.
- 1080p is available only over HDMI.
- When component is the primary video output, HDMI has the same video mode as component.
- 1080p24 output from DVD content is not supported. Only Blu-ray content is explicitly authored for playback at 24 frames per second.



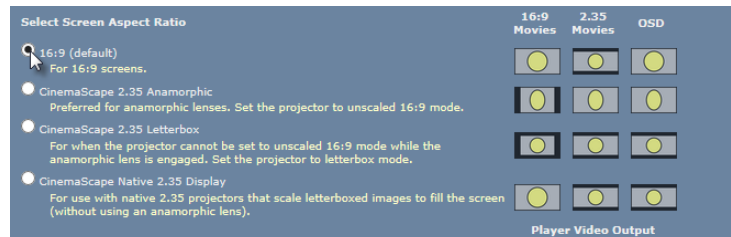
### CAUTION

**Selecting the wrong primary video output or the wrong video modes can result in bad color, flickering, mismatched aspect ratio, or no picture at all**

**Consult display documentation if necessary.**

## 2. Select Screen Aspect Ratio

Select the appropriate radio button for the aspect ratio. Default is 16:9.



Choose the appropriate **CinemaScape** mode when HDMI is the primary video output and a projector with a screen masking system is connected. Refer to the [CinemaScape Technical Note](#) for help with this setting.

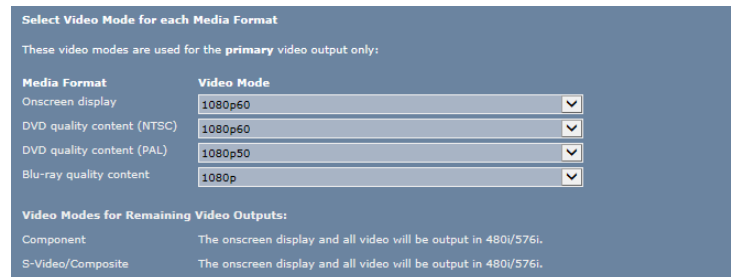
## 3. Select Video Mode for each Media Format

Extended Display Identification Data, or **EDID**, is a data structure provided by a display device over HDMI to describe its capabilities. The data includes essential information such as manufacturer, supported and preferred video resolutions, and supported audio modes.

When HDMI is the primary video output, the default video mode is **Use Highest Available Resolution**. In this video mode, the player outputs the preferred resolution as reported in the EDID, which generally provides the best picture. In rare cases, inaccurate EDID or an EDID that was

corrupted by a switcher or an extender may result in no picture, or a signal that is less than optimal.

In these cases, and when the primary video output is set to *Component* or *S-video/Composite*, select the **Video Mode for each Media Format** from the drop-down menus.



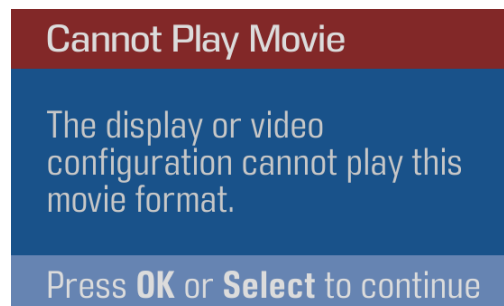
For more detailed information regarding HDMI, refer to the [HDMI and the Kaleidescape System Technical Note](#).

Video mode choices for secondary video outputs are automatically determined depending on the primary video output selected and its video modes.

The video modes for secondary video outputs are displayed below the drop-down menus in the **Video Modes for Remaining Video Outputs** section.

In accordance with analog sunset restrictions analog outputs are disabled during Blu-ray quality playback. Copy control restrictions forbid outputting DVD quality content at resolutions higher than 480p/576p over component video outputs.

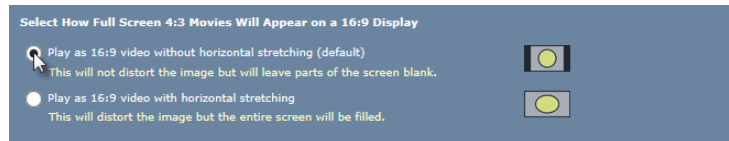
Do not choose a video mode that the display does NOT support. For example, if the display does not support PAL video modes, select **Do Not Play** for PAL media formats. With this configuration, playback of a PAL formatted movie results in a message stating that the movie format cannot be played.



The message also appears when a video mode is played that is not supported in the EDID (assuming the media format is set to **Use Highest Available Resolution** or **Pass Through**).

#### 4. Select How Full Screen 4:3 Movies Will Appear on a 16:9 Display

Select the appropriate radio button to determine how 4:3 movies appear on the 16:9 display device.



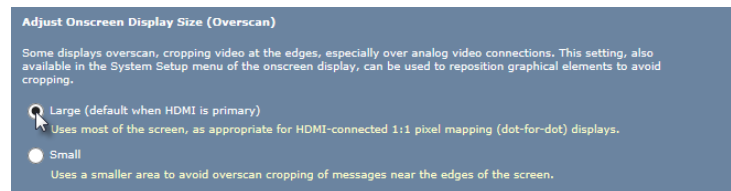
- **Play as 16:9 video without horizontal stretching** (default) causes black bars to appear on the sides of a 4:3 image.
- **Play as 16:9 video with horizontal stretching** causes the image to fill the 16:9 display screen but distorts 4:3 images.

5. Click **OK** to save all video settings to this point, or select **Show Advanced Video Settings** for options related to performance and calibration.



#### 6. Advanced Video Settings

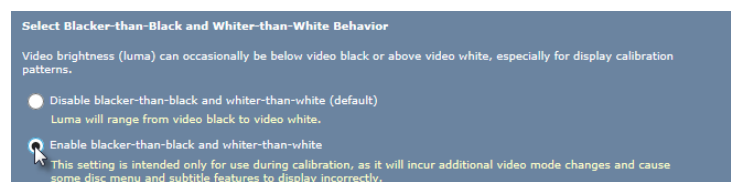
- a. Select the appropriate radio button for **Adjust Onscreen Display Picture Size (Overscan)** to control how messages are placed at the edges of the display.



- ▶ **Large** is the default when HDMI is selected as the primary output.
- ▶ **Small** is the default when HDMI is NOT the primary output. Use this setting if messages near the edge of the screen (e.g, **Play** or **Pause**) are cut off on the display with the large setting.

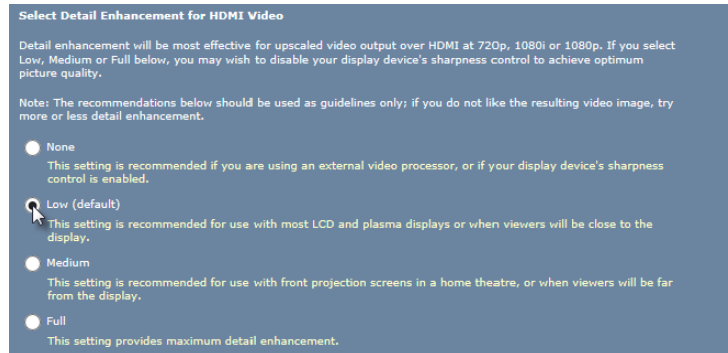
**Note:** The adjustment can also be performed from the onscreen display **System Status** view.

- b. Select the radio button for **Enable blacker-than-black and whiter-than-white** when calibrating the display. Disable for normal use after calibration is complete.

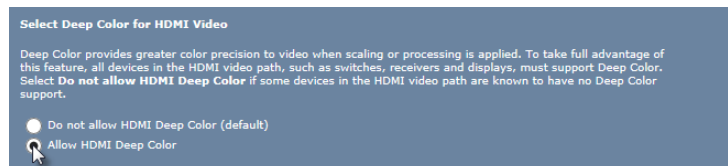


M-Class players can output the full luma range, but it causes video mode changes between the onscreen user interface and movies, and causes some disc menus and subtitles to appear incorrectly.

- c. Configure **Detail Enhancement for HDMI Video** to influence how sharp the edges of scaled video appear. (Option is only available if HDMI is the primary video output.)



- d. Enable **Deep Color for HDMI Video** only if all devices on the HDMI video path support deep color. (Option is only available if HDMI is the primary video output.)



- e. Click **OK** to save settings.



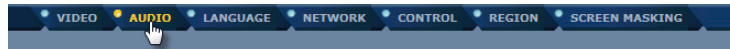
**Note:** The player does not need to be restarted. If changes are made during playback, stop and restart the movie to see results.

## Audio Settings for Premiere Line Players

Players in the Premiere line support Linear PCM (up to 7.1), Dolby Atmos<sup>®</sup>, Dolby TrueHD, Dolby Digital Plus, Dolby Digital, DTS-HD Master Audio<sup>™</sup>, DTS-HD High Resolution Audio, DTS Digital Surround<sup>®</sup> and MPEG audio. However some codecs can only be output as bitstreams.

Premiere line players can be used to watch DVD and Blu-ray quality movies with nearly any audio receiver or processor. To hear lossless audio tracks (for example, Dolby Atmos or DTS-HD Master Audio) from Blu-ray quality movies without alteration, the A/V receiver or audio processor must be able to decode these formats. When lossless audio is played using the **Bitstream pass-through** setting, the coaxial, optical and analog audio outputs are silent.

Select the **AUDIO** tab to optimize audio for **each player** in the system.



### 1. HDMI audio decode mode

Select the appropriate **HDMI audio decode mode**.

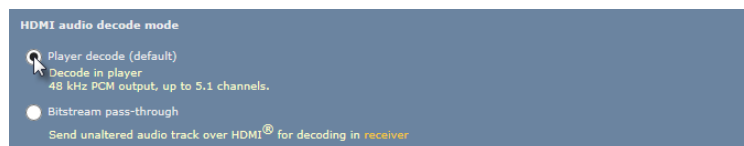
- **Player Decode (default)**
- **Bitstream pass-through**

The audio decode mode affects all other audio settings. The decode mode determines if the player or the receiver decodes the audio.

Audio can be sent as multichannel PCM over HDMI by default, with all outputs enabled, or it can be passed through to HDMI with other outputs disabled.

#### Player Decode Mode

Select **Player decode** (default) to hear Blu-ray secondary audio or when coaxial, optical, or analog audio outputs are used.



**Player decode** sends 48 kHz PCM output over HDMI, up to 5.1 channels depending on content and cabling.

In **Player decode** mode, optical/coaxial outputs carry DTS Digital Surround when the Blu-ray soundtrack has more than two channels.

- **Secondary audio with picture-in-picture**

Blu-ray discs support a secondary audio track typically used for interactive audio and commentary. This track is mixed with the main audio so both tracks can be heard at the same time. M-Class players play secondary audio with picture-in-picture when in the **Player decode** mode.

(To hear unaltered primary audio, the players must be set to the **Bitstream pass-through** setting.)

- **Downmixing**

In **Player decode** mode, M-Class players downmix DTS Digital Surround and Dolby Digital soundtracks to the stereo audio output when playing Blu-ray or DVD quality movies.

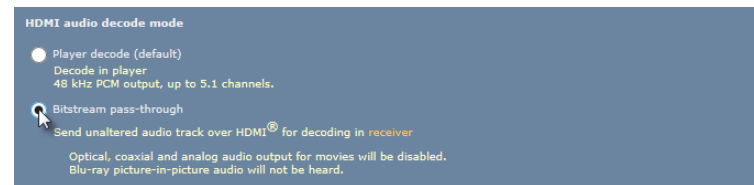
[Table 1](#) shows the output with the **Player decode** (default) setting which provides maximum compatibility.

**Table 1** Outputs with the Player Decode (Default) Audio Setting

Audio Output Format	HDMI	Coax/Optical	Analog
Blu-ray quality movie	PCM up to 5.1 channels	DTS up to 5.1 channels or PCM Stereo	Stereo
DVD quality movie	PCM up to 5.1 channels	Source bitstream	Stereo
CD	PCM stereo	PCM stereo	Stereo

### Bitstream Pass-Through Mode

Select **Bitstream pass-through** to send 7.1-channel Blu-ray soundtracks over HDMI at the highest bandwidth possible (up to 192 kHz or 7.1 channels) at the expense of other features.



The lossless audio formats available on Blu-ray quality movies, such as Dolby Atmos, Dolby TrueHD, DTS-HD Master Audio and 7.1-channel PCM, exceed the capabilities of analog and optical/coaxial audio outputs. These formats are only available over HDMI, and only when using the **Bitstream pass-through** mode. This setting turns off the analog and optical/coaxial outputs, and picture-in-picture audio cannot be heard.

[Table 2](#) shows behavior with the **Bitstream pass-through** setting.

**Table 2** Outputs with the Bitstream Pass-through Audio Setting

Audio Output Format	HDMI	Coax/Optical	Analog
Blu-ray quality movie	Source bitstream	off	off
DVD quality movie	Source bitstream	off	off
CD	PCM stereo	PCM stereo	Stereo

In **Bitstream pass-through** mode, optical/coaxial audio outputs are silent.

## 2. Number of audio channels

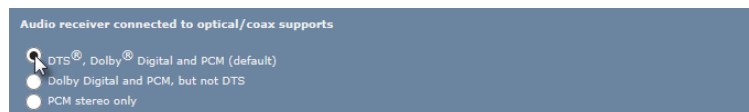
Configure the **Number of audio channels** based on the audio capabilities of the receiver. (Option is available only if **Player decode** is selected.)



If the audio level for movies is lower for M-Class players than the audio level for music and there are only two speakers, set the number of audio channels to two.

## 3. Audio receiver connected to optical/coax supports

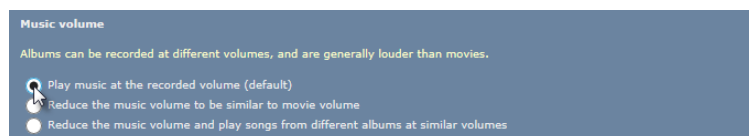
If using a coaxial or optical connection, select the audio formats that the receiver supports. If the receiver connected to coaxial or optical does not support DTS Digital Surround or Dolby Digital, these soundtracks can be decoded by the player and stereo PCM output instead. (Option is available only if **Player decode** is selected.)



The **Audio receiver connected to optical/coax supports** option is used when a receiver, processor or display using the coaxial or optical S/PDIF connection has limited audio format decoding capabilities. Most modern receivers and processors offer comprehensive audio format decoding, and so the default option can be used. But for more limited devices, audio can be sent as PCM stereo only, or as any format except DTS Digital Surround.

## 4. Music volume

Choose how to output the **Music volume**.



With the default setting **Play music at the recorded volume**, music volume may be louder than movie volume. To play music at the same volume as movies, select **Reduce the music volume to be similar to movie volume**. To play all albums at the same volume, select **Reduce the music volume and play songs from different albums at similar volumes**.

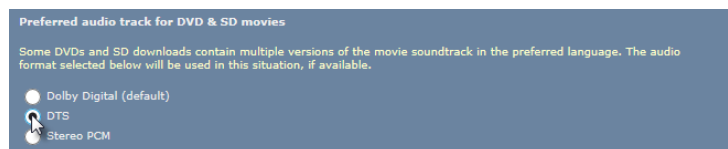
5. Click **OK** to save the configuration to this point, or select **Show Advanced Audio Settings** to adjust advanced settings including overrides for capabilities that are misreported in the EDID.



## 6. Advanced Audio Settings

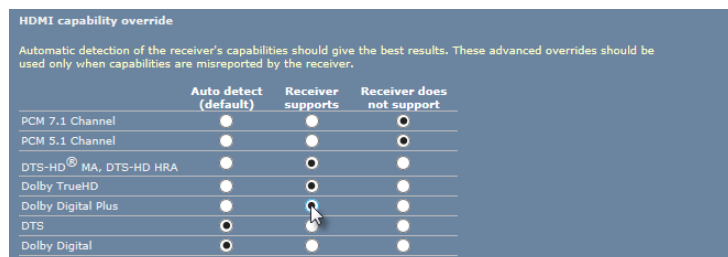
### a. Preferred audio track for DVD & SD movies

Some DVD quality movies have more than one version of the movie soundtrack in the preferred language. Select which audio format to use when these movies are played.



### b. HDMI capability override

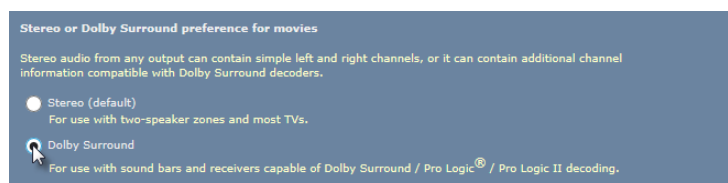
Audio receivers connected via HDMI automatically provide information via EDID used to determine the audio formats sent by the player to the receiver. In rare cases, these capabilities must be overridden because of an EDID that is inaccurate or has been corrupted by an HDMI extender or switcher.



### c. Stereo or Dolby Surround preferences for movies

Select whether PCM stereo audio from any output contains simple left and right channels, or contains additional channel information compatible with Dolby Surround decoders.

If the output is connected to a sound bar or receiver capable of Dolby Surround / Pro Logic / Pro Logic II decoding, select **Dolby Surround**.

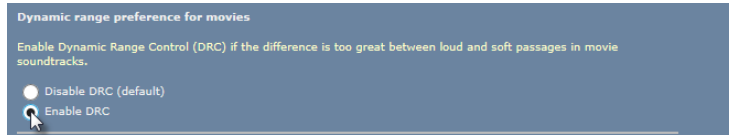




This option is only available when D-BOX Mode is disabled in the Advanced Audio Settings.

**d. Dynamic range preference for movies**

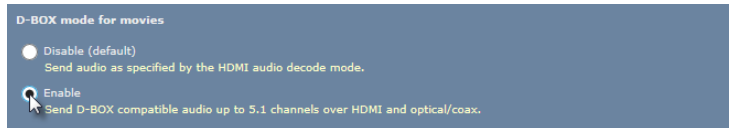
Select the audio dynamic range for movies. If the range between soft and loud sounds is too great, select **Enable DRC**.



This option is only available when D-BOX Mode is disabled in the Advanced Audio Settings.

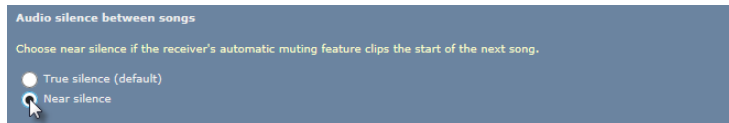
**e. D-BOX mode for movies**

To send D-BOX compatible audio over HDMI and optical/coaxial, **Enable D-BOX mode for movies**.



**f. Audio silence between songs**

If the audio receiver's automatic muting feature clips the start of the next song, choose **Near silence**.



**g. Click **OK** to save settings.**



**Note:** The player does not need to be restarted. If changes are made during playback, stop and restart the movie to hear the results.

## Troubleshooting Audio Problems

Problem	Action
No audio over analog, optical, coaxial, or HDMI connection	<ol style="list-style-type: none"> <li>1. Play a CD, which always produces the stereo audio output. If there is no output, check for a problem with cabling, audio receiver or processor, or television.</li> <li>2. If the CD plays, but movie audio does not, verify that the <b>Player decode</b> setting is selected as the HDMI audio decode mode. With this setting all audio outputs are active. DVD and Blu-ray audio share the same setting.</li> </ol>
No audio over HDMI	<p>The <b>Bitstream pass-through</b> HDMI audio decode setting (a) sends lossless audio formats, which may not be accepted by the attached equipment, and (b) does not play picture-in-picture audio.</p> <p>When <b>Player decode</b> is selected, there is 5.1-channel PCM audio over HDMI for both DVD and Blu-ray quality movies. If the attached device does not support 5.1-channel PCM, at least stereo PCM can be heard.</p>

## Language Settings

The preferred language for movie playback can be configured for each player.

1. Select the **LANGUAGE** tab.



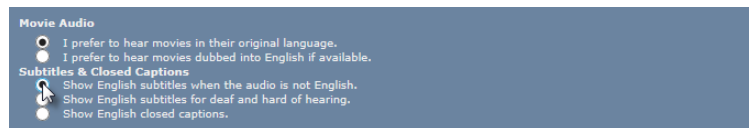
2. Select the **Preferred Language** from the drop-down menu.



If **None** is selected, movies play in the original language.

When a language is selected, the soundtrack is played without subtitles if it matches the preferred language.

- When a soundtrack that matches the preferred language is not available, subtitles may appear. Select whether or not to see **subtitles** or **hear a soundtrack dubbed** in the preferred language. (The movie must contain subtitles or an overdub soundtrack in the selected language for these options to be active.).



- Click **OK** to save settings.



**Note:** The player does not need to be restarted.

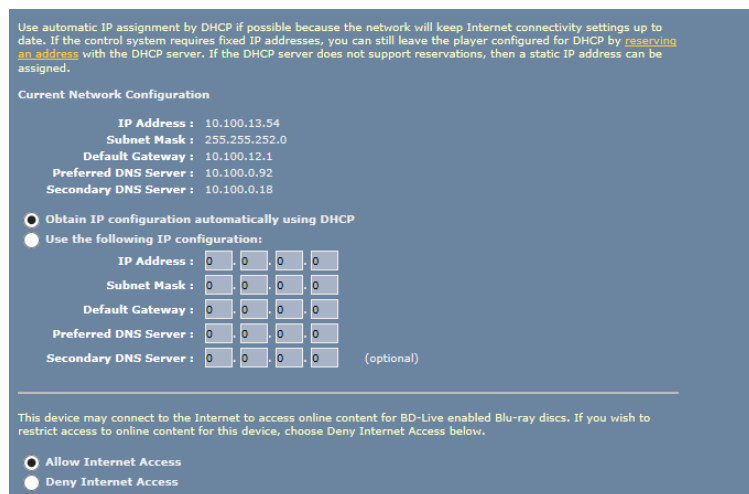
## Network Settings

Components in the Premiere line, by default, obtain IP addresses from a DHCP server. Use the following procedure if a static IP address must be set (used with control systems) or to change other network parameters.

- Select the **NETWORK** tab.



- Information about the current network configuration for the component is displayed.



- Most control systems that communicate via TCP/IP require a fixed address for each component connected to the control system. The safest and easiest way to do this is to create a DHCP reservation in the

router and use the default **Obtain IP configuration automatically** setting.

DHCP reservations help prevent duplicate addresses from being assigned, provide simple centralized management, and provide automatic updates when network settings change.

With DHCP reservations, network parameters such as IP address, subnet mask, router IP, and DNS servers are configured in one place (at the DHCP server). If any of these parameters change, only the DHCP server has to be modified. For most installations, the DHCP server built into the router is perfectly adequate.

DHCP reservations are usually made using MAC addresses. The procedure to create DHCP reservations is device-specific. Refer to the documentation for the router or DHCP server.

**Note:** MAC addresses are listed on the *Components* page of the browser interface. Player MAC address are also listed on the *System Summary* page of the onscreen user interface.

If DHCP reservations are not an option, select **Use the following IP configuration** and manually enter the IP Address, Subnet Mask, Default Gateway, and DNS Servers. This information is required for interactive BD-Live features of Blu-ray discs to operate correctly

4. For M-Class players, select the radio button to allow or deny Internet access through BD-Live. If not interested in chat, downloaded trailers, or other Internet features, or have privacy concerns, select **Deny Internet Access**.
5. Click **OK** to save changes, and then restart the component to use the new settings.



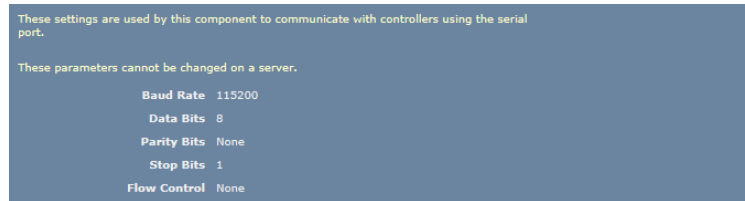
## Control Settings

Use the following procedure to configure control settings.

1. Select the **CONTROL** tab.



2. The serial parameters for a Premiere line server are fixed.



3. The serial parameters for a Premiere line player including the M700 Disc Vault can be changed to match settings of a serial controller. Select the appropriate serial port settings for the player.

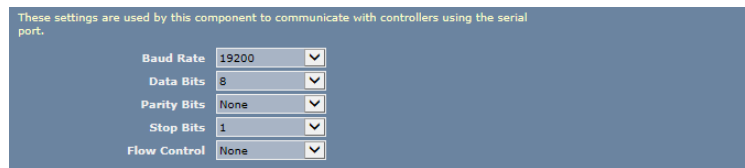
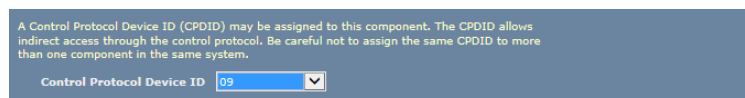


Table 3 shows serial port settings for the server and the default serial port settings for players. Server serial port settings cannot be changed. When communicating to the server via serial connection, the control software settings must match the server serial settings.

**Table 3 Serial Port Settings**

	Server	Player
<b>Baud Rate</b>	115 200	19 200
<b>Data Bits</b>	8	8
<b>Parity Bits</b>	none	none
<b>Stop Bits</b>	1	1
<b>Flow Control</b>	none	none

4. Select the **Control Protocol Device ID** from the drop-down menu.



The Control Protocol Device ID (**CPDID**) allows indirect access to the Premiere line component through another component. This is called **command routing**. Assigning a unique device identifier allows a controller to communicate with multiple Premiere line devices using a single connection.

The only module provided by Kaleidescape that requires CPDIDs to be set is the AMX module. Other modules communicate directly with the player.

**Note:** It is NOT usually necessary to connect a server to a control system. The server is generally used as a gateway to perform command routing to other devices with CPDIDs.

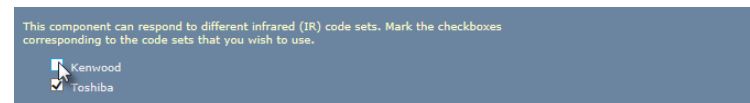
When connecting a serial controller directly to a player via the serial control port, communication parameters must be set to match the serial controller.

The M300 Player has no serial port but can be controlled directly via TCP/IP or IR, or a CPDID can be set for routing control protocol commands from another Premiere line component.

For detailed information about control protocol configuration, refer to the Kaleidescape System Control Protocol Reference Manual at [www.kaleidescape.com/go/control-protocol](http://www.kaleidescape.com/go/control-protocol).

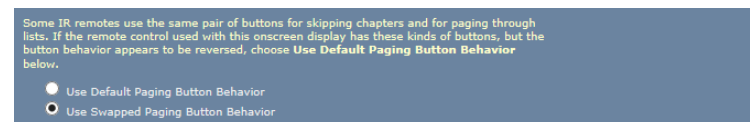
- Set the **Control Protocol Device ID** to **None** if control is linked directly to the player.
  - If command routing is used, select a number from the drop-down menu.
5. For a player, select the infrared (IR) code set by selecting one or more of the checkboxes. Both the Kenwood and Toshiba options are selected by default to provide maximum flexibility when programming an IR remote.

To turn off a code set, uncheck the box.



**Note:** When both boxes are unchecked, the player will not respond to any IR commands.

6. Select IR remote behavior for the paging button by clicking one of the two radio buttons.



**Note:** If the paging button behavior seems reversed, select the other option.

7. Click **OK** to save changes.



**Note:** The component does not need to be restarted.

## Region Settings

A DVD region and a Blu-ray region are assigned to all players and disc vaults with the exception of the M300 Player, which is only assigned a Blu-ray region.

Select the **REGION** tab to view the Blu-ray disc region, or to view and change the DVD region.



## Blu-ray Discs

The current Blu-ray disc region is listed in the **Blu-ray Discs** section of the *REGION* page.



The Blu-ray disc region cannot be changed in the browser interface. To have this modified, write down the serial number of the component along with the current Blu-ray region and the desired Blu-ray region, and contact an authorized Kaleidescape dealer or Kaleidescape Technical Support.

An imported Blu-ray movie will play on any player in the Premiere system as long as there is at least one component in the system that matches the region code of the Blu-ray disc. If the disc is not recognized by the Kaleidescape Movie Guide, enter the region code using the browser interface to ensure proper playback.

**Note:** The region code for an unrecognized Blu-ray disc cannot be changed once entered. Double-check the region code before entering.

Blu-ray discs that are played direct from the optical drive of an M500 Player must match the region of that player.

## DVDs

The current DVD region and the number of remaining changes is reported in the **DVDs** section of the *REGION* page.



Most DVDs are authored for a specific region. Players and disc vaults must match that region to play or catalog the DVD.

Players in the same system can be set to different DVD regions.

Use the following procedure to change the region setting to play a DVD from another region.

1. Insert a DVD from the other region in the disc tray of an M500 Player, or into the disc vault.
2. Select the new DVD region from the **DVD Region** section. The default is **1 - United States, U.S. territories, Canada, Bermuda**.
3. Click **OK**.

When the player or disc vault successfully reads the DVD from the other region, the change is complete.

**Note:** The DVD region setting can only be changed four times.

On a Premiere system sold by Kaleidescape on or after November 30<sup>th</sup> 2014, CSS-protected DVDs can only be cataloged. For more information, visit [www.kaleidescape.com/protected-dvds](http://www.kaleidescape.com/protected-dvds).

## Screen Masking

Movie players send control messages with aspect ratio and screen masking information to the control system every time a movie plays.

Control systems use this information to position screen masks, engage special projection lenses, and adjust the aspect ratio mode of the display



device. The player can be configured to ensure that masks do not cover any part of the onscreen display or subtitles.

**Note:** If screen masking does not adjust for a movie, the movie might not be recognized by the Kaleidescape Movie Guide. Use the Kaleidescape loan process to send the disc for processing. For more information go to [www.kaleidescape.com/loan](http://www.kaleidescape.com/loan).

The Kaleidescape Movie Guide includes aspect ratio information for most movies. This information can be used by a control system to automate screen masking and anamorphic lens movement, to optimize the presentation of each movie. A small percentage of movies, including the Blu-ray release of *The Dark Knight*, has more than one aspect ratio within the feature. For these movies, the Movie Guide indicates a single aspect ratio so that none of the active image is cropped or projected into the masks. This method results in unmasked black bars during some of the movie, but avoids distracting lens or mask movement during the movie.

- Premiere line players feature a 2.35:1 user interface when configured in one of the three CinemaScope modes.

Refer to the [CinemaScope Technical Note](#) for more information.

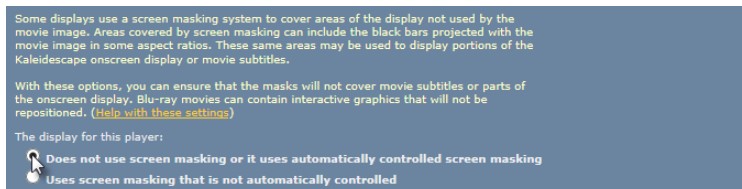
- Most home theaters with masking have constant image height masking.

Use the following procedure to set screen masking options and subtitle repositioning.

1. Select the **SCREEN MASKING** tab.



2. Select the **type of screen masking** on the display. Click on the appropriate radio button.



- a. Select **Does not use screen masking or it uses automatically controlled screen masking** if the display uses an automatically controlled screen masking system.

This option causes the player to reposition onscreen display elements only when the player receives control messages indicating that screen masking is being used.

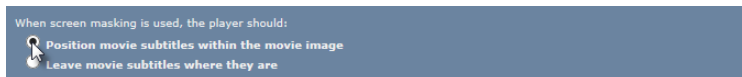
- b. Select **Uses screen masking that is not automatically controlled** if screen masking is not automatically controlled.

With this option, the player operates as if screen masking is present even without receiving a control message indicating masking is in use.

- ▶ Select this option if the control system does not send messages to the player, even though the control system might be using messages from the player to control the screen masking.
- ▶ This option is also appropriate for screen masking systems that are controlled manually or fixed to a certain aspect ratio. When the player is set to use screen masking not automatically controlled, the player always shows display elements within the movie image so that elements are not covered by screen masking.

**Note:** For more information on programming a control system for automatic screen masking, refer to the control system documentation on [www.kaleidescape.com/support/control-systems](http://www.kaleidescape.com/support/control-systems).

3. Select **how to display subtitles** when screen masking is used. Click on the appropriate radio button.



Subtitles are often placed below the movie image to avoid interfering with the scene. Screen masking systems sometimes cover subtitles positioned below the movie image.

(Unless configured for use with a screen masking system, the player does not change the position of subtitles. Subtitles appear in the original position.)

- a. Select **Position movie subtitles within the movie image** to cause the player to position subtitles within the movie image. With this option, subtitles can always be read even when part of the screen is covered by masking or cropped by a lens.
- b. Select **Leave movie subtitles where they are** if the screen masking system is designed to leave room for subtitles at the bottom of the screen. Subtitles appear in the original position, which can place them below the movie image. Display elements continue to be placed within the movie image.

**Note:** Click the **Help file** link for screen masking to see pictorial examples.

4. Click **OK** to save changes.



**Note:** The player does not need to be restarted.

## Adding Components

The following are key points to remember when adding players, disc vaults and servers to a Premiere system.

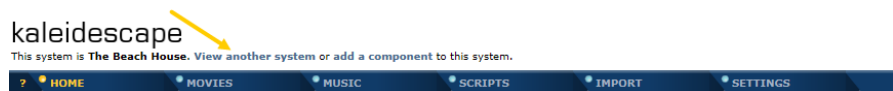
- ▶ When only one server or one collection of servers exist on the same local subnet, new players and disc vaults join that one system automatically.
- ▶ When adding a new server to an existing system, it must deliberately be linked to the existing system.
- ▶ Adding movies and music using a component in a system will add that content to a server that is in the same system.
- ▶ All players in the system will present a single movie and music library comprised of the content from all servers in that system.
- ▶ Disc vaults enable playback of imported Blu-ray movies and cataloged DVD movies stored on servers in the same system.

When multiple Premiere systems exist on the same local subnet, each new component must be associated with a system when added to the network and powered on. The front panel of a player or disc vault glows amber until associated with a Premiere system.

### View Another System

When multiple Premiere systems exist on the same local subnet, it is important to access the appropriate browser interface.

1. Open the browser interface as described in [Accessing the Browser Interface on page 65](#).
2. Select **view another system** from the message across the top of the page.



3. The **VIEW ANOTHER SYSTEM** page appears listing all Kaleidescape systems available on the network.



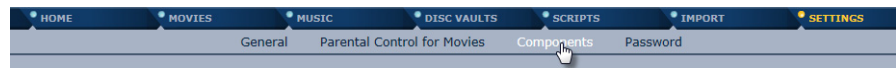
Check the serial numbers and select the system name link to view the appropriate system.

**Note:** In addition to Premiere line servers, Kaleidescape Alto and Cinema One (2nd generation) systems may appear on the VIEW ANOTHER SYSTEM page.

4. A new window opens with the browser interface for the selected system.
5. Select the **SETTINGS** tab.



6. Select **Components** from the second row of tabs.



The *Components* page lists all servers, players and disc vaults associated with the selected system.

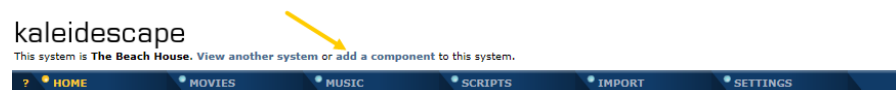
To add components to the selected system, continue to the next section.

To view another Premiere system repeat steps 2 through 6.

## Adding Components

Use the following procedure to add components to a Premiere system.

1. Open the browser interface as described in [Accessing the Browser Interface on page 65](#).
2. Select **add a component** from the message at the top of the browser interface.



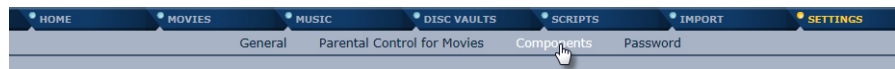
- The **ADD COMPONENT** page appears listing all Premiere line components on the same local subnet.



- Click the **Add** button next to each component to link to the selected system. When done adding components, close the **ADD COMPONENT** page.
- Select the **SETTINGS** tab.



- Select **Components** from the second row of tabs.



Wait while any added components reboot. Verify that all components are linked to the system. Repeat steps 2, 3 and 4 to add more components.

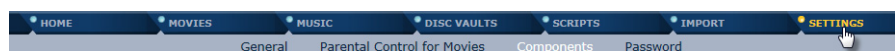
If a player or disc vault is accidentally added to the wrong system, simply view the correct system, and then add the component to that system.

There is not a deliberate method for removing a player or disc vault from a system.

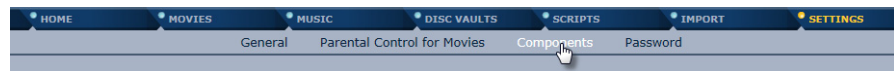
## Removing Servers

Use the following procedure to remove servers from a Premiere system.

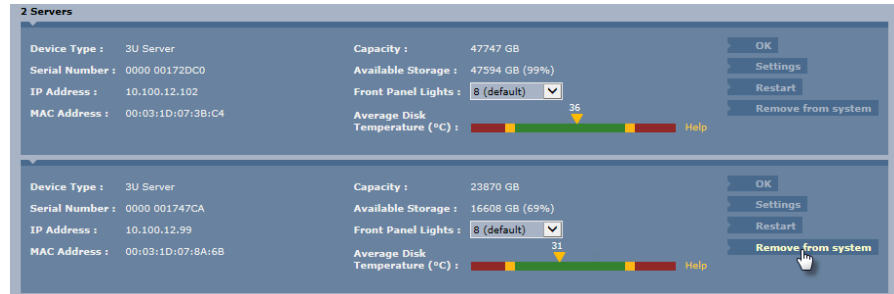
- Open the browser interface as described in [Accessing the Browser Interface on page 65](#).
- Select the **SETTINGS** tab.



3. Select **Components** from the second row of tabs.



4. Click **Remove from system** next to the server to remove from the system.



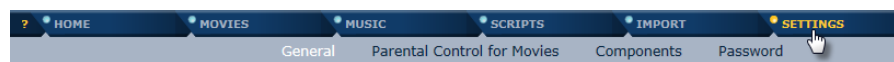
## Password Protecting the Browser Interface

Setting a password for the browser interface is a precautionary procedure to prevent:

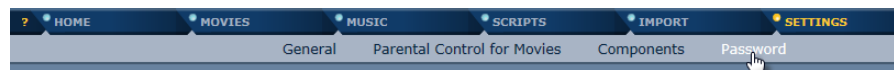
- ▶ Unwelcome alteration of the movie and music libraries including the deletion of content
- ▶ Unauthorized modification of the system settings and preferences
- ▶ Children from overriding parental control settings

The browser interface password is set on the *Password* tab of the *SETTINGS* page. The password must contain a minimum of 1 character and a maximum of 16 characters. If the password is forgotten, make sure the Premiere line server is connected to the Internet and contact Kaleidescape Support.

1. Open the browser interface as described in [Accessing the Browser Interface on page 65](#).
2. Select the **SETTINGS** tab.



3. Select **Password** from the second row of tabs.



4. Enter a new password, change an existing password, or clear an existing password.
  - ▶ **Enter a new password**

When no password exists, complete the **New password** and **New password (confirm)** fields. Click **OK** to save.

A screenshot of a web form for creating a new password. It features two text input fields: "New password" and "New password (confirm)". Both fields contain a series of dots representing masked text. Below the fields is a blue button labeled "OK" with a mouse cursor hovering over it.

▶ **Change an existing password**

To change a password, enter the existing password in the **Old password** field, and then complete the **New password** and **New password (confirm)** fields. Click **OK** to save.

A screenshot of a web form for changing an existing password. It features three text input fields: "Old password", "New password", and "New password (confirm)". The "Old password" field contains a series of dots. The "New password" and "New password (confirm)" fields also contain a series of dots. Below the fields is a blue button labeled "OK" with a mouse cursor hovering over it.

▶ **Clear an existing password**

To clear a password making the browser interface accessible without entering a password, enter the existing password in the **Old Password** field and leave the **New password** and **New password (confirm)** fields blank. Click **OK** to save.

A screenshot of a web form for clearing an existing password. It features three text input fields: "Old password", "New password", and "New password (confirm)". The "Old password" field contains a series of dots. The "New password" and "New password (confirm)" fields are empty. Below the fields is a blue button labeled "OK" with a mouse cursor hovering over it.

## Resetting the Password

If the password is forgotten, then the browser interface is inaccessible. To reset the password, make sure the Premiere system is connected to the Internet and contact Kaleidescape Support.

- ▶ Send an email message to [support@kaleidescape.com](mailto:support@kaleidescape.com).
- ▶ Call the Kaleidescape support line at +1 (650) 625-6160.

When contacting Kaleidescape Support, be prepared to provide the serial number of the Kaleidescape server. The serial number label is located behind the front panels of servers.