

# Appendix D

## Installation Checklist

This checklist clarifies the tools and equipment needed to assist with the installation, helps verify the basic site requirements where the components will be installed, and outlines the settings to configure once the Premiere system is operational.

### Tools and Supplies

In addition to common tools such as screwdrivers and pliers, having the following items on hand can help the installation go smoothly, and assist with troubleshooting when needed. All items should be tested ahead of time and known to be working.

- Spare Cat5e or Cat6 cables
- Ethernet cable tester
- Spare 4 port router
- Spare 8 or 16 port 1000Base-T switch
- Small test display with appropriate inputs
- Spare HDMI cable
- Spare power strip
- Extra IEC power cord
- Kaleidescape Remote with fresh batteries
- Serial RS-232 cable (F-F DB-9 null modem cable)
- Cable ties
- Label maker
- Blu-ray disc, DVD and CD
- A computer with an Ethernet port and a web browser running an up-to-date version of the Java software (current version can be downloaded from [www.java.com](http://www.java.com)).

The computer should also have a working serial port or a known good USB to serial adapter in the rare case a serial capture needs to be performed.

**Refer to:** [Retrieving Diagnostic Information Quick Reference Guide.](#)

## Equipment

The following items contribute to a healthy environment.

- Single router or other device capable of issuing DHCP addresses. If the home network uses static addresses, then a list of the IP addresses of the network nodes should be available.
- 1000Base-T or 100Base-TX switch with enough ports for all devices. A 1000Base-T switch is recommended, and required if more than one Blu-ray quality movie will be played from a server at the same time.

**Refer to:** [K000017] [Does Kaleidescape recommend a particular network switch?](#)

- Cat5e, Cat6 or higher grade network and patch cables from the equipment rack to all Premiere line components.
- High quality audio and video cables in the proper lengths. When players will output 1080p video, High Speed HDMI cables should be used. HDMI must be used to output lossless Blu-ray audio.

**Refer to:** [HDMI and the Kaleidescape System Technical Note](#)

## Basic Site Requirements

Survey the site for sufficient resources, and gather necessary information before installation commences.

- Check that there is adequate power for all the devices being installed. Servers require a high-quality surge protector. A UPS is optional.

**Refer to:** [K000069] [How much power do Kaleidescape components require?](#)

- Check that the planned locations for Premiere line components have proper cooling. The operating temperature range varies by component.

**Refer to:** [A/V Installation Cooling Guide](#)  
[Environmental Specifications for Kaleidescape Components](#)

- Verify that there is a working high-speed Internet connection at the site.
- Determine if control of the Premiere system will be done over TCP/IP, Infrared (IR), or Serial (RS-232). When using control via TCP/IP, consider whether to assign each Premiere line component a static IP address or a DHCP reservation on the DHCP server.

Download the latest documentation, programs and templates from [www.kaleidescape.com/support/control-systems](http://www.kaleidescape.com/support/control-systems).

- Record the following information for the network devices and make sure there is a substantial number of free IP addresses on the DHCP server.
  - Router
    - brand/model:* \_\_\_\_\_
    - user:* \_\_\_\_\_ *password:* \_\_\_\_\_
    - IP address:* \_\_\_\_\_ (*this is also likely the gateway address*)
  - Gateway address (if different than the router IP address)
    - \_\_\_\_\_
  - DHCP address range
    - \_\_\_\_\_ to \_\_\_\_\_
  - Subnet mask
    - \_\_\_\_\_
  - DNS server addresses
    - preferred:* \_\_\_\_\_ *secondary:* \_\_\_\_\_
  - Switch
    - brand/model:* \_\_\_\_\_
    - user:* \_\_\_\_\_ *password:* \_\_\_\_\_
    - IP address:* \_\_\_\_\_
- List all display devices that will be connected to Premiere line players, along with the primary input, the native resolution, and indicate when screen masking is used.

Location	Player Serial Number	Display	Resolution	Input	Masking
<i>theater</i> <b>EXAMPLE</b>	020600005678	Sony VPL-VW1100ES	1080p60	HDMI	✓

**Note:** If NTSC and PAL content will be played from the player, the display device must support both formats, or it must be connected to an external video processor that converts NTSC to PAL, or PAL to NTSC. Premiere line players do not convert one format to the other.



## System Configuration

Before the Premiere system is ready to use, review the following items.

- Ask the customer to **activate the system**. Installation, configuration and testing can be performed prior to activation.

**Refer to:** [K001255] [How do I activate my new Kaleidescape System?](#)

- Add all components to the Premiere system.

This is done by selecting **add a component** from the message at the top of the browser interface.

**Refer to:** [Adding Components on page 99](#)

- When necessary, assign a static IP address and/or control protocol ID number to each component.

This is done from the **Components** page of the browser interface.

**Refer to:** [K000022] [How do I assign or change IP addresses to components?](#)

- Allow enough time to add the customer's content, taking into consideration the speed of the Internet connection for downloading content from the Kaleidescape Movie Store, and the number of titles to be imported and/or cataloged.

Cataloging takes less than a minute per disc, while it takes about 1 hour to import each Blu-ray disc and 15 minutes to import each CD. CSS-protected DVDs cannot be imported to systems purchased from Kaleidescape on or after November 30<sup>th</sup>, 2014, but they can be cataloged so that they appear in the onscreen user interface, just like content downloaded from the Kaleidescape Movie Store.

For more information, visit [www.kaleidescape.com/protected-dvds](http://www.kaleidescape.com/protected-dvds).

- Configure parental controls for movies when applicable.

**Refer to:** [K000348] [How do I set up and use parental controls on a Premiere line system?](#)

## Player and Disc Vault Configuration

To maximize the potential of each player and disc vault, the following settings should be configured.

- Enter a unique name for each player and disc vault. Assigning a "friendly name" like this makes the onscreen user interface and the Kaleidescape iPad app easier to use.

This is done on the **Components** page of the browser interface.

**Refer to:** [K001784] [How do I change the name of a Kaleidescape component?](#)

- When using music on a Premiere line player, enter the **Zone 1 Name (for music)** on the **Components** page of the browser interface. Descriptive names help when

selecting the correct zone.

- Check audio and video on each player for optimal performance. Manually configure the audio or video signal when necessary.

**Refer to:** [HDMI and the Kaleidescape System Technical Note](#)

- Choose a CinemaScape mode and set up screen masking settings when a projector with a screen masking system is connected to a player.

**Refer to:** [CinemaScape Technical Note](#)

- Configure language preferences for each player.

Click the **Settings** button on the *Components* page and open the **LANGUAGE** tab to choose preferences.

- Change the DVD region if necessary. Contact your dealer or Kaleidescape Support if the Blu-ray region needs to be changed.

**Refer to:** [K000101] [How do I change the region code?](#)

## Kaleidescape Support

For additional help with the installation of a Premiere system, contact Kaleidescape Technical Support.

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

Be prepared to provide the serial number of the Kaleidescape server (located on the back of the server). Serial numbers are printed on labels located on the backs of all components and behind the front panels of 1U+ Movie Servers and 3U Servers.

The Kaleidescape website always has the latest support updates.

<http://www.kaleidescape.com/support>