



kaleidescape

Kaleidescape M700 Disc Vault Quick Install Guide

The Kaleidescape M700 Disc Vault is designed to quickly import Blu-ray Discs™, DVDs and CDs onto a Kaleidescape server. Import is automatic. Simply insert all the discs and walk away. Bit-for-bit copies of imported movies and music are stored and available instantly without touching a disc. The disc vault houses up to 320 discs. The presence of housed Blu-ray Discs enables copies on servers to be played from any M-Class player in the system, including the player integrated into the M700 Disc Vault.

This document provides steps for installing and setting up the M700 Disc Vault, importing discs, using the player and troubleshooting.

Installation

Unpack the disc vault, using a two-person lift technique to remove it from the box. The disc vault ships with feet and rack ears attached.

Tabletop / Shelf Installation

Take off the rack ears, using a 2.5 mm hex screwdriver to remove 7 screws that hold them on each side of the chassis. See Figure 1.



Figure 1 Removing Rack Ears

Rack Installation

1. Remove the front panel by gripping each side and pulling it **straight** from the disc vault. See Figure 2.



Figure 2 Removing the Front Panel

2. Remove the feet so the disc vault does not obstruct the rack space below.
3. Mount the vault in the rack with the provided Phillips screws. See Figure 3.

- Note:** If additional space at the back of the vault is required, then adjust the rack ears.
- a. Remove the center screw on each rack ear.
 - b. Loosen the remaining screws and slide the rack ears back.
 - c. Tighten the screws securely, disregarding the center screw.

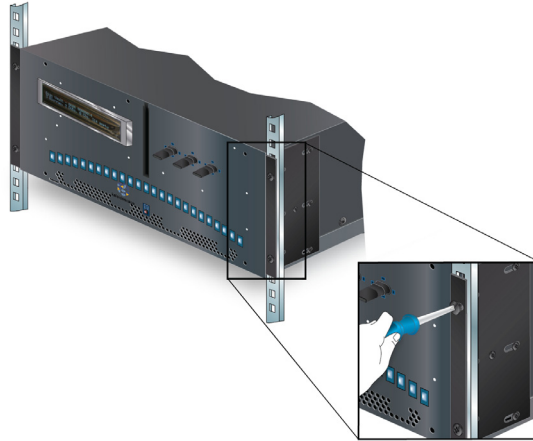


Figure 3 Mounting Disc Vault to the Rack

4. Replace the front panel by lining up the metal tab at the bottom inside of the panel with the slot in the front of the chassis. Press firmly and evenly to snap the panel into place.

Connections

The M700 Disc Vault must be connected to a Kaleidescape server on the network in order to operate as a speed reader, disc vault and M-Class player. Audio and video connections are required to operate as an M-Class player. A controller connection is optional.

Network Connection

1. Make sure the server is connected to the network and powered on.
2. Insert an Ethernet cable into the network port at the back of the vault. See Figure 4.

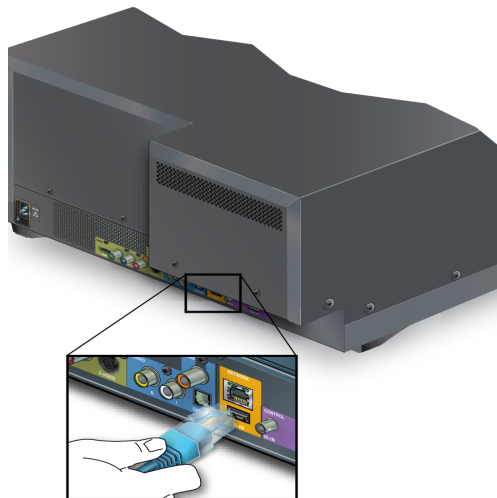


Figure 4 Connect the Network Cable to the Vault

3. Insert the other end of the Ethernet cable into a **1000Base-T Ethernet switch** for optimal network communication.

Note: After power is connected and a 1000Base-T link is established, the light on the **left** of the network port will glow amber to indicate the connection speed. When a 100Base-TX link is established, this light glows green. The **right** light blinks green when there is network activity.

Audio / Video Connections

Skip this section if the disc vault will be used for importing and housing only.

The M700 Disc Vault provides several options for connecting audio and video for use as an M-Class player.

1. Connect audio and video cables to an HDTV, receiver, projector or monitor. High Speed HDMI[®] offers the best picture quality. Component, S-Video and composite connections are also available.
2. Connect audio outputs to the sound system (if applicable). Digital optical, digital coaxial and analog stereo connections are available. HDMI will also carry the audio signal.

Controller Connections

The integrated player can be controlled three ways: Ethernet (TCP/IP), serial (RS-232) and infrared (IR). IR commands can also be received via an 1/8" jack on the rear panel. See www.kaleidescape.com/support/control-systems for information and modules for specific control systems.

Connect Power to Initialize

Connecting the power cord begins automatic initialization. See Figure 5.

Note: Kaleidescape recommends using a grounded outlet and a high-quality surge protector to avoid electrical damage.

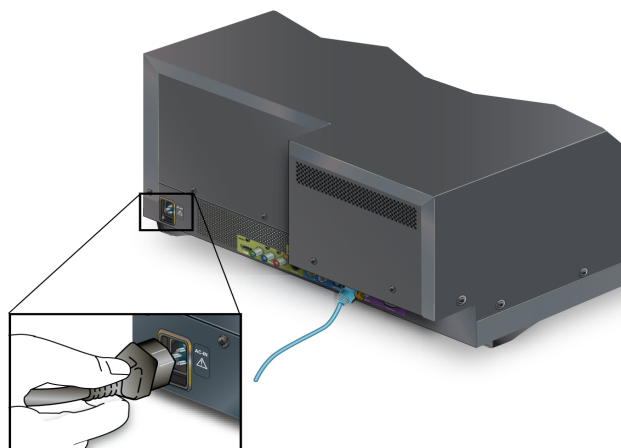


Figure 5 Connect the Power Cord

Initialization may take several minutes. A message appears on the front panel display until the vault is ready to accept discs and user commands.

**Disc vault is initializing
Please wait a moment**

Using the Vault

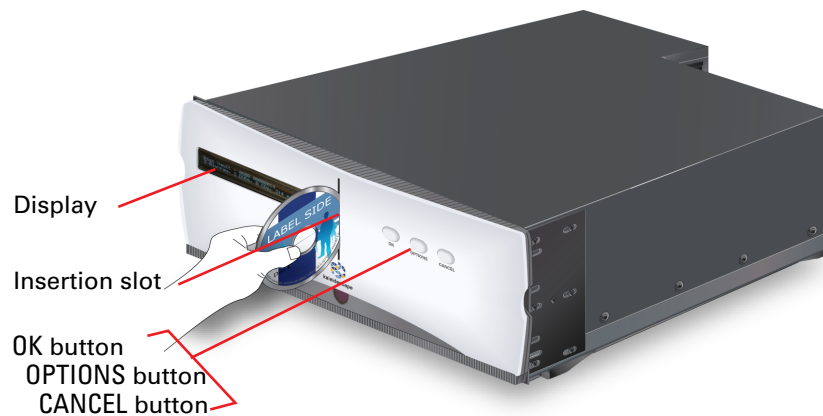


Figure 6 The M700 Disc Vault Front Panel

Inserting Discs

Titles will import in the order in which you insert them.

1. Insert discs into the insertion slot one at a time with the label facing to the **right**, releasing the disc just as it is engaged by the internal mechanism. See Figure 6.

CAUTION: Do not insert discs if the lights glow amber at the top and bottom of the insertion slot.

2. Load all the discs.
3. As you insert discs, the front panel display shows how many are waiting to be identified. If no discs are loaded for two minutes, identification begins automatically. You may press the **OK** button to start this process immediately.

[xx] discs to be identified

Note: The disc vault installation can be staged. Discs can be loaded before connecting to a server. The vault can be transported in an equipment rack or in the original packaging without removing the discs. If an import is interrupted by power being disconnected, it will begin again automatically once power is restored. If network communication is interrupted, the partial import will resume once connection is reestablished. Only the current import is affected.

Importing Discs

The M700 Disc Vault automatically imports discs after identification. No user attention is required. On average, the M700 Disc Vault imports 100 CDs in under 7 hours, 100 DVDs in under 35 hours, or 100 Blu-ray Discs in under 50 hours.

You may monitor the progress of disc import in the vault summary on the onscreen display or from the **DISC VAULTS** tab in the browser interface. Open a web browser from a computer connected to the network and enter either <http://my-kaleidescape> (Windows), or <http://my-kaleidescape.local> (Mac).

Ejecting Discs

Eject Using the Front Panel Buttons

1. Press **OPTIONS** to cycle through the eject choices:
 - Eject all Blu-ray Discs?
 - Eject all DVDs?
 - Eject all CDs?
 - Eject all discs?
2. Press **OK** to select the eject option on the front panel display. Or press **CANCEL** to exit **OPTIONS**.
3. Remove each disc from the slot as it is ejected.

Note: The front panel display indicates how many discs remain to be ejected. You may press **CANCEL** at any time to terminate pending ejections.

```
Ejecting discs: [xx] remaining
Next: [Title of next disc]
```

Eject Using the Browser Interface

Navigate to the browser interface from any computer connected to the network.

1. Open a web browser and enter either <http://my-kaleidescape> (Windows), or <http://my-kaleidescape.local> (Mac).
2. Select the **DISC VAULTS** tab. Here you see a list of discs in vaults. You can sort by type, disc vault name, or status.
3. Check the boxes next to titles to be ejected. Checking the box next to Title at the top of the page will select all discs.
4. Click Eject Selected.
5. Press **OK** on the front panel of the disc vault to confirm and begin ejection.
6. Remove each disc from the slot as it is ejected.

Note: The OK button blinks and a message appears on the front panel display when discs have been queued for ejection from the onscreen display or browser interface.

**[xx] discs to be ejected
Press OK to begin**

Setting up the Player

Settings

HDMI plug-and-play information is used to automatically configure the player. If necessary, use the installer pages of the browser interface to change disc vault settings.

1. Open a web browser and enter either <http://my-kaleidescape/installer> (Windows) or <http://my-kaleidescape.local/installer> (Mac).
2. Select the **COMPONENTS** tab.
3. Click **Settings** for the disc vault.
4. Here, you can change basic settings like primary video output, HDMI audio decode mode, and language preferences. See the Kaleidescape Installation Guide for more details about setting up the player at www.kaleidescape.com/install.

Troubleshooting

When there is an issue that needs to be resolved, the front panel lights glow amber and a display message appears.

Note: Resolving some issues may require you to use the installer pages of the browser interface from a computer connected to the network:
<http://my-kaleidescape/installer>.

Message	Resolution
Check network connection	Check all network connections and make sure your switch or router is plugged in.
Set for DHCP, but no DHCP server	Check all network connections. If required, set a static IP address for the disc vault in the installer pages of the browser interface.

Message	Resolution
Unable to communicate with server Vault IP address: XXX.XXX.XXX.XXX	Make sure the server is present, running and connected to the network.
Select a Kaleidescape System to join Go to http://XXX.XXX.XXX/groups	Open the installer pages of the browser interface and select GROUPS . Choose a group to join.
[XX] discs must be ejected Press OK to begin	Press OK . Remove the discs as they eject and check their condition. They may be data discs, damaged or inserted backwards.
Error [XX]; press OK to restart	Press OK to restart. If problem persists, contact Kaleidescape Support.

Kaleidescape Support

- ▶ Get the Kaleidescape Installation Guide at www.kaleidescape.com/install
- ▶ See www.kaleidescape.com/support for the latest manuals and guides, Knowledge Base, and more technical and customer support resources.
- ▶ support@kaleidescape.com
- ▶ +1 (650) 625-6160