



# KALEIDESCAPE ALTO MOVIE PLAYER



## AT A GLANCE:

- Playback from hard drive delivers full Blu-ray quality video, with bit rates up to 48 Mbps and frame rates up to 60 frames per second
- Alto with 6TB internal hard drive stores up to 200 Blu-ray quality movies, or 900 DVD quality movies downloaded from the Kaleidescape Movie Store
- Alto with or without internal storage can play back from a Kaleidescape Terra movie server, another Kaleidescape Alto or Strato movie player, the internal disc drive, or a Kaleidescape Disc Server
- Lossless multichannel audio, including Dolby Atmos, Dolby Digital, Dolby TrueHD, and DTS-HD Master Audio
- Compatible with popular control systems and universal remotes

## KALEIDESCAPE ALTO COMBINES THE PLAYBACK QUALITY OF BLU-RAY DISCS WITH THE CONVENIENCE OF INTERNET DELIVERY, FOR AN UNPARALLELED CINEMATIC EXPERIENCE AT HOME.

Kaleidescape designed the Alto movie player to provide an immersive home-cinema experience, with audio and video playback quality very close to that of commercial theaters.

Unlike streaming services, each movie is downloaded and stored on a hard drive, either on a Kaleidescape Terra movie server, or a Kaleidescape Alto or Strato movie player. Alto plays downloaded movies in stunning Blu-ray quality, at up to 48 Mbps and 60 frames per second, without the startup delays, buffering messages, or quality drops that are so common with streaming services.

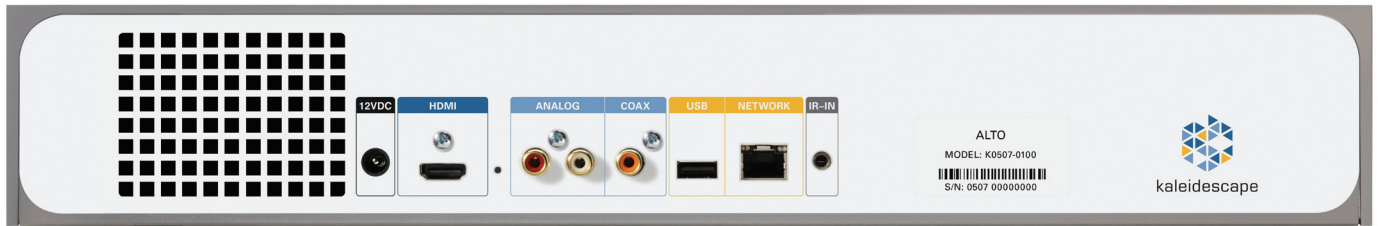
Alto supports bitstream pass-through of Dolby Atmos, Dolby TrueHD, and DTS-HD Master Audio multichannel soundtracks. The Alto onscreen user interface is displayed in full 1080p HD at up to 30 frames per second.

Alto can be purchased with or without an internal 6TB hard drive that can store up to 200 Blu-ray quality movies, or 900 DVD quality movies. Alto equipped with an internal hard drive can be used standalone or in a system comprised of other Encore components. The Alto without internal storage plays back from its disc slot, from a Kaleidescape Terra movie server, from another Alto or Strato player with internal storage, or from a Kaleidescape Disc Server.

Alto lets users convert a physical disc into a digital download, so the movie can be played instantly, without the need for the physical disc. Alto can also play directly from a Blu-ray disc or DVD. Movies start immediately, without trailers or warnings, and you can jump right to your favorite scenes and songs, without fast forwarding.

**Kaleidescape is the world's only movie retailer that caters to the discriminating consumer** with a massive library of content from Hollywood's major motion-picture studios. The Kaleidescape Movie Store offers thousands of movies in full Blu-ray quality with multichannel lossless audio, including Dolby Atmos.

# KALEIDESCAPE ALTO



## DIMENSIONS

- 17.0in × 2.8in × 10.0in (W × H × D)  
(43.2cm × 7.1cm × 25.4cm)

## WEIGHT

- 10.2lb (4.62kg)

## POWER

- Max consumption: 60W
- Typical: 35W
- High power standby: 20W
- Low power standby: 0.35W
- External power adapter, 100-240VAC to 12VDC @ 5A, 60W with detachable line cord

## NETWORK

- 100Base-TX/1000Base-T Ethernet (RJ45 connector)
- 802.11n Wi-Fi USB adapter included

## CONTROL

- Ethernet control from Crestron, AMX, Control4, Savant, the Kaleidescape App for iPad, and other apps and control systems
- Kaleidescape Remote included
- Front-panel IR receiver window
- IR input (1/8in mini-plug)

## ENVIRONMENT

- Operating temperature: 41 to 95°F (5 to 35°C)
- Storage temperature: -4 to 140°F (-20 to 60°C)
- Relative humidity: 20% to 80% (operation) 5% to 90% (storage)
- Maximum operating altitude: 10,000ft (3,048m)
- Heat output: 136 BTU/hr (40W) max
- Airflow: 10 CFM (17 m<sup>3</sup>/hr) max

## VENTILATION

- Minimum 1in (2.5cm) space at the front
- Minimum 2in (5cm) space at the rear

## RACK MOUNT

- Middle Atlantic rack shelf is available for mounting in a 19in rack, 2U space

## CERTIFICATIONS

- CSA 60950-1
- IEC 60950-1
- FCC CLASS B
- CE
- EAC
- RoHS compliant

## VIDEO OUTPUT

- HDMI® 1.4

## VIDEO DISPLAY FORMATS

- Resolutions: 1080p60/50/24, 1080i60/50, 720p60/50, 576i, 576p, 480i, 480p
- Chroma: 4:4:4 8-bit
- Color spaces: BT.709 and BT.601
- Aspect ratios: 1.78:1 and 2.35:1 (CinemaScope), automatic or user interface selectable

## AUDIO OUTPUTS

- HDMI 1.4 (combined with video)
- Digital coaxial (RCA connector)
- Analog stereo (RCA connectors)

## AUDIO FORMATS

- Dolby Atmos
- Dolby TrueHD
- Dolby Digital
- DTS:X
- DTS-HD Master Audio
- DTS Digital Surround
- PCM
- MPEG audio

## STORAGE

- Integrated storage for up to 200 Blu-ray quality movies, or 900 DVD quality movies

## MEDIA

- Kaleidescape Movie Store downloads that precisely match the quality of movies available on Blu-ray disc and DVD
- Blu-ray disc, BD-R, BD-RE
- DVD, DVD-R, DVD-RW, DVD+R, DVD+RW

## BLU-RAY DISC FEATURES

- BD-Live
- Profile 2.0

## REGIONAL PLAYBACK CONTROL

- The DVD region code of the Kaleidescape Alto can be changed up to four times
- The Blu-ray Disc region code of the Kaleidescape Alto is set at time of purchase and cannot be changed by the customer

## LIMITED WARRANTY

- 3 years (extendable)

