



# KALEIDESCAPE STRATO MOVIE PLAYER

4K ULTRA HD, HIGH DYNAMIC RANGE



## AT A GLANCE:

- Playback from hard drive or network delivers true 4K Ultra HD, with bit rates up to 100 Mbps and frame rates up to 60 fps
- Support for high dynamic range (HDR)
- Superb up-scaling of Blu-ray and DVD quality content to 4K resolution
- Seamless switching between 4K Ultra HD, 4K up-scaled Blu-ray quality or DVD quality content, and the 4K onscreen user interface
- Lossless multichannel audio, including Dolby Atmos, Dolby TrueHD, and DTS-HD Master Audio
- Strato with 10TB internal hard drive stores up to 180 4K Ultra HD movies, or up to 330 Blu-ray quality movies
- Strato can play back from Kaleidescape Terra movie servers, other Kaleidescape Strato or Alto movie players
- Compatible with popular control systems and universal remotes

## KALEIDESCAPE STRATO COMBINES ALL OF THE COLOR, SOUND, AND CRISP DETAIL OF TRUE 4K ULTRA HD & HDR, WITH THE CONVENIENCE OF INTERNET DELIVERY.

Kaleidescape designed the Strato movie player to provide an immersive home cinema experience, with better audio and video playback quality than most commercial theaters.

Unlike streaming services, each movie is downloaded and stored on a hard drive, on either a Kaleidescape Terra movie server, or a Kaleidescape Alto or Strato movie player. Strato plays downloaded movies in stunning 4K Ultra HD at up to 100 Mbps and 60 frames per second, without the startup delays, buffering messages, or quality drops that are so common with streaming services. Strato plays downloaded Blu-ray and DVD quality movies in 4K using advanced up-scaling algorithms.

Strato supports lossless multichannel audio, and is capable of playing HDR content on televisions and projectors that can process open standard 10-bit HDMI® 2.0a HDR. The Strato onscreen user interface is also displayed in full 4K Ultra HD, at 60 frames per second, resulting in fluid animation and a stunning visual impact.

Strato can be equipped with an internal 6 or 10TB hard drive that can store up to 180 4K Ultra HD movies, 330 Blu-ray quality movies, or 1500 DVD quality movies. Strato can be used standalone or in a system with other Encore components, playing back from Terra movie servers or from other Kaleidescape Strato or Alto movie players with internal storage. Movies start immediately, without trailers or warnings, and you can jump right to your favorite scenes and songs, without fast forwarding.

**The Kaleidescape Movie Store is the world's only online movie store that caters to the discriminating consumer** with a massive library of the finest content from Hollywood's major motion-picture studios. The Kaleidescape Movie Store offers over 180 4K Ultra HD titles, and thousands of movies in full Blu-ray HD quality. These Blu-ray quality movies provide superb results when Strato scales them up to 4K. Both Blu-ray quality and 4K Ultra HD movies are available with lossless multichannel and object-based audio, including Dolby Atmos.

# KALEIDESCAPE STRATO



## DIMENSIONS

- 17.0in × 3.1in × 10.0in (W × H × D)  
(43.2cm × 7.9cm × 25.4cm)

## WEIGHT

- 13.7lb (6.21kg)

## POWER

- Max consumption: 30W
- Typical: 25W
- High power standby: 6.0W
- Low power standby: 0.50W
- External power adapter, 100-240VAC to 12VDC @ 5A, 60W with detachable line cord

## NETWORK

- 100Base-TX/1000Base-T Ethernet (RJ45 connector)
- Integrated 802.11ac Wi-Fi

## OTHER CONNECTION

- USB 3.0 (reserved)

## 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: 102 BTU/hr (30W) 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

- Rack ears available for mounting in a 19in rack, 2U space (sold separately)

## CERTIFICATIONS

- CSA 60950-1
- IEC 60950-1
- FCC CLASS B
- CE
- RoHS Compliant

## VIDEO OUTPUT

- HDMI 2.0a (labelled "VIDEO")
- HDCP 2.2 copy protection

## VIDEO DISPLAY FORMATS

- Resolutions: 2160p60/50/30/25/24, 1080p60/50/24, 1080i60/50, 720p60/50, 576i, 576p, 480i, 480p
- Chroma: 4:4:4 8-bit up to 2160p60, 4:4:4 10/12-bit up to 2160p30, 4:2:2 12-bit up to 2160p60, 4:2:0 8/10/12-bit at 2160p50/60 only
- Color spaces: BT.2020, BT.709, BT.601
- Aspect ratios: 1.78:1 and 2.35:1 (CinemaScope), automatic or user interface selectable
- HDR: HDMI 2.0a with support for SMPTE ST 2084 EOTF, SMPTE ST 2086 metadata

## AUDIO OUTPUTS

- HDMI 2.0a (combined with video on the VIDEO connector)
- HDMI 1.4 (audio-only on the DIGITAL AUDIO connector)
- Digital (coaxial RCA and TOS-link connectors)

## AUDIO FORMATS

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

## STORAGE

- Optional 6 or 10TB of internal storage for up to 180 4K Ultra HD movies, 330 Blu-ray quality movies, or 1500 DVD quality movies

## MEDIA

- Kaleidescape Movie Store downloads, including high-bit-rate 4K Ultra HD movies in 10-bit color, with and without high dynamic range (HDR), and movies that precisely match the quality available on Blu-ray disc and DVD
- DVD, DVD-R, DVD-RW, DVD+R, DVD+RW (from Kaleidescape Disc Server)

## LIMITED WARRANTY

- 3 years (extendable)

