

ENCORE

# KALEIDESCAPE STRATO MOVIE PLAYER

4K ULTRA HD, HIGH DYNAMIC RANGE



kaleidescape



## AT A GLANCE:

- Playback from hard drive delivers true 4K Ultra HD, with bit rates up to 100 Mbps and frame rates up to 60 frames per second
- Support for high dynamic range (HDR)
- Best-in-class upscaling of Blu-ray and DVD quality content to 4K resolution, avoiding disruptive video format transitions
- Strato's 4K user interface switches seamlessly to and from 4K Ultra HD, and 4K up-scaled Blu-ray and DVD content, without changing output resolution
- Lossless multichannel audio, including Dolby TrueHD, Dolby Atmos, and DTS-HD Master Audio
- Strato with 6TB internal hard drive stores up to 100 4K Ultra HD movies, or up to 200 Blu-ray quality movies downloaded from the Kaleidescape Movie Store
- Strato with or without internal storage can play back from a Kaleidescape Terra movie server, another Kaleidescape Strato or Alto movie player, or a Kaleidescape Disc Server
- Compatible with popular control systems and universal remotes

## KALEIDESCAPE STRATO COMBINES ALL OF THE COLOR, SOUND, AND CRISP DETAIL OF TRUE 4K ULTRA HD, 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, either on a Kaleidescape Terra movie server, or a Kaleidescape Alto or Strato movie player. Strato plays downloaded 4K Ultra HD movies 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 upscaling 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 purchased with or without an internal 6TB hard drive that can store up to 100 4K Ultra HD movies, 200 Blu-ray quality movies, or 900 DVD quality movies. Strato equipped with an internal hard drive can be used standalone or in a system comprised of other Encore components. The Strato with or without an internal hard drive can play back from a Terra movie server, from another Kaleidescape Strato or Alto with internal storage, or directly from a Blu-ray disc or DVD in a Kaleidescape Disc Server. 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. In addition to dozens of 4K Ultra HD titles, the Kaleidescape Movie Store offers thousands of movies in full Blu-ray quality with multichannel lossless audio (including Dolby Atmos). These Blu-ray quality movies provide superb results when Strato scales them up to 4K.

# 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: 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

- 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 2.0 (labelled "VIDEO")

## 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 2.0 (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 6TB of internal storage for up to 100 4K Ultra HD movies, 200 Blu-ray quality, or 900 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
- Blu-ray disc, BD-R, BD-RE (from Kaleidescape Disc Server)
- DVD, DVD-R, DVD-RW, DVD+R, DVD+RW (from Kaleidescape Disc Server)

## LIMITED WARRANTY

- 3 years (extendable)

