

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 fps
- Support for high dynamic range (HDR)
- Superb upscaling 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 6TB internal hard drive stores up to 100 4K Ultra HD movies, or up to 200 Blu-ray quality movies
- 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, on either 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 with other Encore components. The Strato with or without an internal hard drive can play back from a Terra movie server, or from another Kaleidescape Strato or Alto 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 100 4K Ultra HD titles, and thousands of movies in full Blu-ray HD 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 m³/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 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
- DVD, DVD-R, DVD-RW, DVD+R, DVD+RW (from Kaleidescape Disc Server)

LIMITED WARRANTY

- 3 years (extendable)

