kaleidescape

STRATO S MOVIE PLAYER

4K ULTRA HD, HIGH DYNAMIC RANGE, LOSSLESS AUDIO

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)

- Compact form factor (1 RU tall)

- Superb upscaling of Blu-ray and DVD quality content to 4K resolution

- Seamless switching between 4K Ultra HD, 4K upscaled Blu-ray quality or DVD quality content, and the 4K onscreen user interface

- Lossless multichannel audio, including Dolby Atmos, Dolby TrueHD, DTS:X, and DTS-HD Master Audio

- Strato S stores between 180 and 360 movies with a typical mix of 4K Ultra HD and Blu-ray quality titles

- Downloads at up to 250 Mbps, downloading a 4K Ultra HD movie in 35 to 40 minutes

- As a movie server, supports two simultaneous playbacks

- Strato S can play back from other Strato movie players, Kaleidescape Terra movie servers, and Kaleidescape Alto movie players

- Compatible with popular control systems and universal remotes

- Custom rack-mount hardware is available (sold separately)

Kaleidescape Strato S combines all of the color and crisp detail of true 4K Ultra HD and HDR with stunning sound and the convenience of Internet delivery.

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

Strato S plays movies in stunning 4K Ultra HD at up to 100 Mbps and 60 frames per second, without any startup delay. Unlike streaming services, each movie is downloaded and stored on its internal hard drive. Strato S also plays HD and SD digital movies in 4K using advanced upscaling algorithms.

Strato S supports lossless multichannel audio and plays high dynamic range movies on televisions and projectors that can process open standard 10-bit HDMI 2.0a HDR. The onscreen user interface is displayed in full 4K Ultra HD at 60 frames per second, resulting in fluid animation and a stunning visual impact. Strato S has a 12TB hard drive that can store 180 to 360 movies with a typical mix of 4K Ultra HD, HD, and SD titles.

The Strato's onscreen display provides access to the Kaleidescape movie store, the world's only online source for movies with full-fidelity audio and video. The movie store offers a library of the finest content from Hollywood's major movie studios and the largest selection of 4K Ultra HD titles with high dynamic range. Both Blu-ray quality HD and 4K Ultra HD movies are available with lossless multichannel and object-based audio, including Dolby Atmos.

DIMENSIONS
- 17.0in × 1.6in × 10.0in (W × H × D) (43.2cm × 3.9cm × 25.4cm)

WEIGHT
- 8.6lb (3.90kg)

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 5GHz Wi-Fi

OTHER CONNECTION
- USB 3.0 (reserved)

CONTROL
- Ethernet control from Crestron, AMX, Control4, Savant, the Kaleidescape App for iPad, and other apps & 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 m3/hr) max

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

RACK MOUNT (sold separately)
- Rack shelf available for mounting in a 19in rack, 1RU space

CERTIFICATIONS
- CSA 62368-1
- CSA 60950-1
- IEC 62368-1
- 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 (CinemaScape), 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 TOSlink connectors)

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

STORAGE
- 12TB of internal storage for up to 180 4K Ultra HD movies, 320 Blu-ray quality movies, or 1800 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)

MOVIE SERVER
- Maximum download rate: 250 Mbps
- Maximum simultaneous playbacks: 2

LIMITED WARRANTY
- 3 years (extendable)