



kaleidescape



Strato V Movie Player

4K ULTRA HD, HDR, DOLBY VISION, LOSSLESS AUDIO
STANDALONE & SCALABLE, WITH ULTIMATE PERFORMANCE

AT A GLANCE

- Strato V works on its own (standalone) or as a player in a larger Kaleidescape system (grouped)
- Lossless multichannel audio, including Dolby Atmos, Dolby TrueHD, DTS:X, and DTS-HD Master Audio
- Playback delivers true 4K Ultra HD with bit rates up to 100 Mbps and frame rates up to 60 fps
- Strato V plays 4K movies in standard dynamic range, HDR10, and Dolby Vision
- Superb upscaling of HD and SD quality content to 4K resolution
- Compatible with popular control systems and universal remotes
- Compact form factor (2 players fit in 1 rack unit)
- Custom rack mount and wall mount hardware is available (sold separately)

Kaleidescape Strato V is the next generation of movie player technology. Providing stunning 4K Dolby Vision playback with lossless audio, Strato V works on its own and as part of a larger Kaleidescape system.

When standalone, Strato V is a single playback zone and stores approximately 10 reference 4K movies on an internal, solid-state drive. It features a new streamlined interface, optimized for navigating a small movie library. Strato V can download a Kaleidescape 4K movie in as little as 10 minutes over gigabit Ethernet, during movie playback, without sacrificing performance. Downloads become a candidate for automatic deletion 48 hours after playback, making room for more movies.

Storage may be added to Strato V by grouping it with Terra Prime movie servers. This returns Strato V's interface to the full Kaleidescape experience. Any number of Strato V movie players can be grouped with one or more new or existing Terra movie servers, scaling to the needs of the installation.

Strato V integrates new electronics and grounding topology. The addition of player-side lossless decode for high-bitrate audio codecs provides flexibility to maximize sound quality with a range of downstream components. Every signal has been carefully upgraded to provide higher quality and robustness. Strato V is housed in a modern black anodized aluminum and glass chassis, delivering sleek and stylish design.

Strato V has access to the Kaleidescape movie store, the world's only digital movie provider with lossless audio and full reference video quality. The movie store offers thousands of titles including movies, TV series, and concerts. Movies are available with lossless multichannel and object-based audio, including Dolby Atmos and DTS:X.

Strato V | TECHNICAL DETAILS AND SPECIFICATIONS



DIMENSIONS

- 7.87in × 1.52in × 10.0in (W × H × D)
(20.0cm × 3.9cm × 25.4cm)

WEIGHT

- 4.2lb (1.91kg)

POWER

- Max consumption: 9W
- Typical: 7.5W
- High power standby: 4.5W
- Low power standby: 0.50W
- External power adapter with detachable line cord: 100-240VAC to 12VDC @ 5A, 60W, isolated ground

NETWORK

- Gigabit Ethernet (1000 Base-T)

OTHER CONNECTION

- USB 3.0 (reserved)
- Chassis GND (↔) connections (X2)

CONTROL

- Kaleidescape remote included
- Front-panel IR receiver window
- IR input (1/8in mini plug)
- Kaleidescape control protocol over Ethernet (supported by Josh.ai, Crestron, AMX, Control4, Savant, the Kaleidescape apps, and other apps & control systems)
- Lutron RA3 and HomeWorks control over Ethernet

ENVIRONMENT

- Operating: 41 to 95°F (5 to 35°C)
- Storage: -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: 31 BTU/hr (9W) max
- Airflow: 5 CFM (8.4 m3/hr) max

FAN NOISE

- Silent in most installs, 17dB(A) when downloading in hot environments

VENTILATION

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

MOUNTS (sold separately)

- Rack shelf with faceplates is available for mounting 1 or 2 (centered or side-by-side) Strato V players in a 19in rack, 1U space
- Wall mount available for mounting behind TV displays

CERTIFICATIONS

- CSA 62368-1
- IEC 62368-1
- FCC CLASS B
- CE
- RoHS Compliant

VIDEO OUTPUT

- HDMI 2.1
- HDCP 2.3 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: Dolby Vision (standard and low-latency) and HDR10 (SMPTE ST 2084, 2086)

AUDIO OUTPUTS

- HDMI 2.1 (combined with video)
- Digital Audio (coaxial RCA and TOS-link connectors)

AUDIO FORMATS (HDMI Connector)

- Dolby Atmos
- Dolby TrueHD
- Dolby Digital Plus
- Dolby Digital
- Dolby MAT PCM
- DTS:X
- DTS-HD Master Audio
- DTS-HD High Resolution Audio
- DTS Digital Surround
- PCM (up to 7.1ch, 96kHz/24-bit)

AUDIO FORMATS (Coaxial RCA and TOS-link connectors)

- PCM (2ch, up to 96kHz/24-bit)

STORAGE

- Standalone: Internal 960GB SSD (available storage for approximately 10 reference 4K movies)
- Grouped: Strato V can play content stored on a Terra or Strato (with internal storage) when connected and grouped via local network

MEDIA

- Kaleidescape movie store downloads: 4K Dolby Vision, 4K HDR10, 4K SDR, HD, and SD quality

