

SP4K-13HC

13,000 lumens flagship laser cinema projector



- **Brilliant image**
- **Ready for tomorrow, today**
- **Barco EcoPure™**
- **Fit and forget**

SP4K-13HC is part of the Series 4 portfolio, designed in close collaboration with industry partners. Market trends in content creation, exhibition and technology were taken into account. The result? A custom-designed cinema projector with enhanced contrast for the ultimate image quality. The SP4K models come in many different configurations offering you the freedom of choice. Play with the available options to match your specific needs.

Brilliant image

The Series 4 brings native 4K resolution, higher contrast and enhanced uniformity into the movie theater. The SP4K-13HC adds a 5000:1 extra high contrast for premium auditoriums. The Barco Active Image Management™ and its patented precision brightness technology guarantees flawless images with automatic white balances.

Ready for tomorrow, today

The Barco Colorgenic™ technology opens up more than 98.5% of Rec. 2020. SP4K-13HC is fully enabled for future innovations like 4K 120fps and HDR images. Deliver stunning results not only on day 1, but consistently throughout the lifetime of the product.

Barco EcoPure™

This silent running projector (50dB(A)) is fully ready for boothless operation. In eco-mode it consumes even less than 3 Watt. What's more, remote wake up on LAN is possible for scheduled maintenance or ingest.

Fit and forget

The modular design of the Series 4 projectors allows for cost-effective maintenance. There are only six Barco laser plate™ spare parts to service all light source configurations. Anyone can replace the filters thanks to the toolless cover and filter handling. The SP4K-13HC seamlessly integrates into your current setup.

PRODUCT SPECIFICATIONS**SP4K-13HC**

Native brightness	13,000 (typical)
Native contrast ratio	5000:1 (typical)
Digital MicroMirror Device™	3x 0.98" DC4K TRP
Resolution	native 4K: 4096 x 2160
Color gamut	DCI P3 compliant (98.5% of Rec.2020)
Light source	Laser
Prime lenses	With C-lensholder: 1.09 -1.40; 1.28 -1.74 With B-lensholder: 1.6 – 2.4; 1.9 – 2.6; 2.0 – 2.95; 2.3 – 3.65; 2.8 – 4.7 Very High-Contrast TLD+ and B-lenses
Long-term brightness stability	40,000 hrs @ average usage conditions
Housing	integrated cooling design and patented sealed optical assembly
Dimensions (WxLxH)	projector incl. feet 710 x 1070 x 547 mm 27,95 x 42,13 x 21,54 inches with B-lensholder: 710 x 1132 x 547 mm 27,95 x 44,55 x 21,54 inches
Weight	105kg/231.5lbs
Power requirements	single phase or triple phase 200-240V 16A
Heat load (max. power)	7750 BTU/hr
Exhaust airflow	400CFM
Ambient temperature	40°C / 104F max.
Ambient humidity	85% max.
Media server	Barco Alchemy ICMP-X and other media server brands ** supported
Power consumption	2.4kW (3W in Eco mode)
Noise Level	50dB(A) @ 1m and @ 25°C ambient temperature
3D systems	Active glasses systems and polarization systems on silver screens are supported. Color separation systems are not supported.
Safety requirements	Class 1 risk group 3
User interface	Touch Display and/or web based
Lateral lens color on edge of image	With 2K lens: 2 pixels average* With 4K lens: 1.5 pixels average* (* depends on lens, zoom, ...)
Notes	** projector configuration with ICP-D; contact Barco service for the list of supported brands

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Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.