

SP4K-13CHC

13,000 lumens flagship laser cinema projector



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

SP4K-13CHC 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-13CHC 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-13CHC 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-13CHC seamlessly integrates into your current setup.

Product specificaties**SP4K-13CHC**

General specifications	
Native helderheid	13,000 lumens (typical)
Native contrastverhouding	5000:1 (typical)
Digital MicroMirror Device™	3x 0.98" DC4K
Resolutie	native 4K: 4096 x 2160
Kleurenspectrum	DCI P3 compliant (98.5% of Rec.2020; when measured in xy-color coordinates)
Lichtbron	Laser
Primelenzen	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
Langdurige stabiliteit van helderheid	40,000 hrs @ average usage conditions
Behuizing	integrated cooling design and patented sealed optical assembly
Afmetingen (B x L x H)	Projector incl feet: 710 x 1070 x 547 mm/ 27,95 x 42,13 x 21,54 inches (710 x 1132x 547 mm/ 27,95 x 44.55x 21,54 inches with B-lensholder)
Gewicht	105kg/231.5lbs
Voedingsvereisten	single phase or triple phase 200-240V 16A
Warmtebelasting (max. vermogen)	7750 BTU/h
Luchtuitstroom	400 CFM
Omgevingstemperatuur	40°C/104F Max.
Omgevingsvochtigheid	85% RH max
Mediaserver	Barco Alchemy ICMP-X and other media server brands** supported.
Energieverbruik	2.4kW (3W in Eco mode)
Geluidsniveau	50dB(A) @1m and 25°C ambient temperature
3D-systemen	Active glasses systems and polarization systems on silver screens are supported. Color separation systems are not supported.
Veiligheidsvereisten	Class 1 risk group 3
Gebruikersinterface	Touch Display and / or web-based
Opmerkingen	**projector configuration with ICP-D; contact Barco service for the list of supported brands

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