

SP4K-50

48,000 lumens smart cinema projector



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

SP4K-50 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 next-generation laser projection family for all cinema screens. The SP4K models come in many different configurations offering you the freedom of choice. A wide range of brightness options, compatibility with both Barco lenses and selected 3rd party lenses, as well as a touch display and live streaming option. Play with the available options to match your specific needs.

Brilliant image

The SP4K models of the Series 4 family brings native 4K resolution, higher contrast and enhanced uniformity into the movie theater. The Barco Active Image Management™ includes patented technology to guarantee sharp, consistent image quality over time.

Ready for tomorrow, today

With the SP4K models and their RGB laser lightsource, the Barco Colorgenic™ technology opens up the full P3 color space and more than 98.5% of Rec. 2020. Moreover, all SP4K models are fully enabled for future innovations like 4K 120fps and compatibility with the latest immersive audio standard.

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-50 seamlessly integrates into your current setup.

PRODUCT SPECIFICATIONS**SP4K-50**

Native brightness	48,000 lumens (typical)
Native contrast ratio	2000:1 (typical)
Digital MicroMirror Device™	3x 1.38" DC4K
Resolution	native 4K: 4096 x 2160
Color gamut	DCI P3 (98.5% of Rec. 2020; when measured in xy-color coordinates)
Prime lenses	0.8; 1.01; 1.13-1.72; 1.35-1.86; 1.46-2.10; 1.65-2.60; 2.00-3.35; 2.53-4.98 High-brightness and high-contrast B-lenses compatible
Long-term brightness stability	40,000 hrs @ average usage conditions
Housing	integrated and external cooling design and patented sealed optical assembly
Dimensions (WxLxH)	projector incl. feet 760 x 1470 x 612 mm 29,92 x 57,54 x 24,09 inches external cooler: details TBC
Weight	projector incl. feet: 155kg/342lbs external cooler: details TBC
Ambient temperature	40°C / 104F max.
Ambient humidity	85% max.
Media server	Barco Alchemy ICMP-X and other media server brands ** supported
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
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.