

# SP4K-15B

17,000 lumens smart cinema projector



- **Brilliant image**
- **Ready for tomorrow, today**
- **Barco EcoPure<sup>TM</sup>**
- **Fit and forget**

SP4K-15 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<sup>TM</sup> 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<sup>TM</sup> technology opens up 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.

## **Barco EcoPure<sup>TM</sup>**

This silent running projector (51dB(A)) is fully ready for boothless operation. In addition, the SP4K-15 smartly manages its power consumption reaching projector efficiency levels up to 10.3 lumens per Watt. 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<sup>TM</sup> spare parts to service all light source configurations. Anyone can replace the filters thanks to the toolless cover and filter handling. The SP4K-15 seamlessly integrates into your current setup.

## Product specifications

## SP4K-15B

### General specifications

Native brightness	17,000 lumens (typical)
Native contrast ratio	2000:1 (typical)  up to 3000:1 with HC lens
Digital MicroMirror Device™	3x 1.38" DC4K
Resolution	native 4K: 4096 x 2160
Color gamut	DCI P3 compliant (98.5% of Rec.2020; when measured in xy-color coordinates)
Light source	Laser
Prime lenses	0.8; 1.01; 1.13-172; 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	+50,000 hrs @ average usage conditions
Housing	integrated 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
Weight	141kg/311lbs
Power requirements	single phase or triple phase 200-240V 9A
Heat load	5300BTU/h@ max power @ 40°C
Exhaust airflow	400CFM
Ambient temperature	40°C/104F Max.
Ambient humidity	85% RH max.
Altitude	4000m / 13.125ft Max.
Media server	Fully Integrated Barco Alchemy ICMP-X with SSD Storage Up To 8TB eff. Other media server brands** supported.
Power consumption	1.55kW (3W in Eco mode)
Noise Level	50dB(A) @1m, max power and 25°C ambient temperature
3D systems	Active glasses systems and polarization systems on silver screens are supported. Color separation systems are not supported.
Laser classification	Class 1 risk group 3
User interface	Integrated Touch Display and/or Web-based Communicator Web Analyzer for service

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