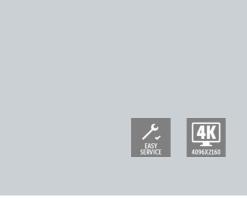
SP4K-55B

52,000 lumens smart cinema projector





- Brilliant image
- Ready for tomorrow, today
- Barco EcoPureTM
- Fit and forget

SP4K-55B 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 ManagementTM 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 ColorgenicTM 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.

Fit and forget

The modular design of the Series 4 projectors allows for cost-effective maintenance. There are only six Barco laser plate $^{\text{TM}}$ spare parts to service all light source configurations. Anyone can replace the filters thanks to the toolless cover and filter handling. The SP4K-55B seamlessly integrates into your current setup.



Product specifications	SP4K-55B
General specifications	
Native brightness	52,000 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 compliant (100% of Rec.2020; when measured in xy-color coordinates)
Light source	Laser
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: /p> 546 x 462 x 589 mm
	21,50 x 18,19 x 23,19 inches
Weight	projector incl.feet: 175kg/385lbs
	external cooler incl. feet: 31kg/68lbs
Power requirements	Single phase or triple phase 200-240V 25A
	Cooler: obtains power from the projector
Heat load (max. power)	14,500 BTU/hr
Exhaust airflow	Projector: 615CFM
	External cooler: 450CFM
Ambient temperature	40°C / 104F max.
Ambient humidity	85% RH max.
Media server	Barco Alchemy ICMP-X and other media server brands ** supported
Power consumption	4.2kW (3W in Eco mode)
Noise Level	Projector: 51dB(A)
	External cooler: details TBC
	@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
Notes	Cooling liquid hose and cable length: 2.5m or 5m (8.2ft or 16.4ft)
	Vertical separation between cooler and projector: Maximum 3m (10ft)
	** projector configuration with ICP-D; contact Barco service for the list of supported brands

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