

SP4K-12B



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

SP4K-12 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.

Barco EcoPureTM

This silent running projector (50dB(A)) is fully ready for boothless operation. In addition, the SP4K-12 smartly manages its power consumption reaching projector efficiency levels up to 11 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 plateTM spare parts to service all light source configurations. Anyone can replace the filters thanks to the toolless cover and filter handling. The SP4K-12 seamlessly integrates into your current setup.

Product specifications**SP4K-12B****Ogólne specyfikacje**

Natywne jasność	12,000 lumens (typical)
Natynny współczynnik kontrastu	2000:1 (typical) up to 3000:1 with HC lens
Digital MicroMirror Device™	3x 1.38" DC4K
Rezolucja	native 4K: 4096 x 2160
Gama kolorów	DCI P3 compliant (98.5% of Rec.2020; when measured in xy-color coordinates)
Źródło światła	Laser
Soczewki stałooogniskowe	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
Długoterminowa stabilność jasności	40,000 hrs @ average usage conditions
Obudowa	integrated cooling design and patented sealed optical assembly
Wymiary (SxGxW)	Projector incl feet: 760 x 1470 x 612 mm/ 29,92 x 57,54 x 24,09 inches
Waga	141kg/311lbs
Wymagania dotyczące zasilania	single phase or triple phase 200-240V 9A
Obciążenie cieplne (maks. moc)	5300BTU/h
Wylot powietrza	400CFM
Temperatura otoczenia	40°C/104F Max.
Wilgotność otoczenia	85% RH max.
Serwer multimedialny	Barco Alchemy ICMP-X and other media server brands ** supported
Pobór energii	1.55kW (3W in Eco mode)
Poziom hałasu	50dB(A) @1m and 25°C ambient temperature
Systemy 3D	Active glasses systems and polarization systems on silver screens are supported. Color separation systems are not supported.
Wymagania bezpieczeństwa	Class 1 risk group 3
Interfejs użytkownika	Touch Display and / or web-based
Notatki	Minimal dimming value: 30%

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