

SP4K-P

7,000 lumens postproduction projector



- **Superior contrast**
- **Exceptional image uniformity**
- **Flicker-free images**
- **Expanded color gamut for tomorrow's visuals**
- **Seamless workflow integration**
- **Pricing tailored to your business needs**

SP4K-P 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 dedicated Postproduction projector with best in class 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.

Superior contrast

Barco laser projection offers significantly enhanced contrast levels, allowing for deeper blacks and brighter whites. This superior contrast ensures that every detail in the image is vividly clear, providing a more immersive viewing experience for audiences.

Exceptional image uniformity

Consistency in brightness and color across the entire screen is crucial in post-production. Barco laser projection excels in delivering uniform image quality, ensuring that there are no variations or inconsistencies in different parts of the display.

Flicker-free images

Traditional projection technologies often suffer from flickering, which can be distracting and fatiguing for the eyes. Barco laser projection eliminates this issue, providing a stable, flicker-free image that is easy on the eyes, even during long editing sessions.

Expanded color gamut for tomorrow's visuals

With 100% coverage of Rec. 2020, Barco's laser projection supports an extended color gamut, allowing for more accurate and vibrant color reproduction. This ensures that your work is ready to meet the demands of tomorrow's standards.

Seamless workflow integration

Seamlessly integrating with industry-standard grading tools like DaVinci Resolve and FilmLight Baselight, Barco laser projection empowers creative professionals with optimized workflows and complete color control.

Pricing tailored to your business needs

With purchase or usage-based pricing, you gain easy access to the future of post-production. This includes Barco's industry-leading 24/7 technical support, ensuring smooth, worry-free operations so you can focus on the creative process, not the tools.

Product specifications**SP4K-P****General specifications**

Native brightness	7,000 lumens (typical)
Native contrast ratio	Up to 8000:1 sequential (typical) Up to 1000:1 ANSI
Digital MicroMirror Device™	3x 0.98" 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	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
Long-term brightness stability	+50,000 hrs @ average usage conditions
Housing	integrated cooling design and patented sealed optical assembly
Dimensions (WxLxH)	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)
Weight	90kg / 198.5lbs
Power requirements	single phase or triple phase 200-240V 16A
Heat load	4600 BTU/h
Ambient temperature	40°C/104F Max.
Ambient humidity	85% RH max
Media server	Barco Alchemy ICM-P-X and other media server brands** supported.
Power consumption	1.4kW (3W in Eco mode)
Noise Level	50dB(A) @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.
Laser classification	Laser Class 1 -Risk Group 3 Laser Class 1 -Risk Group 2 under a specific Throw Ratio (lens-dependent)
User interface	Dedicated Web Communicator Postproduction software featuring a.o. -Metameric Offset Correction (MOC) -Post-Production presets -Full video path overview
Notes	**projector configuration with ICP-D; contact Barco service for the list of supported brands

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