

# SP2K-15S

enabling smart projection for smaller cinema screens



**2K**  
2048 X 1080

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

SP2K-15S 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 market leading laser projection family for all cinema screens. The SP2K models come in many different configurations offering you the freedom of choice. A wide range of brightness options, compatibility with various media servers and lenses, as well as a touch display and live streaming option. Play with the available options to match your specific needs.

## **Brilliant image**

The SP2K models of the Series 4 family bring native 2K resolution, full P3 color space, 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 numerous benefits to enhance moviegoer experience and creating peace of mind for exhibitors, this 4th generation of Barco laser projection is the way to move forward. Moreover, all SP2K models are compatible with the latest immersive audio standard.

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

This silent running projector (52dB(A)) is fully ready for boothless operation. In addition, the SP2K-15S smartly manages its power consumption reaching projector efficiency levels of 9.3 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 SSP2K-15S seamlessly integrates into your current setup.

**Product specifications****SP2K-15S****General specifications**

|                                |                                                                                                                              |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Native brightness              | 15,000 lumens (typical)                                                                                                      |
| Native contrast ratio          | 2200:1 (typical)<br><br>up to 3000:1 with HC lens                                                                            |
| Digital MicroMirror Device™    | 3x 0.69" u2K                                                                                                                 |
| Resolution                     | 2K: 2048 x 1080                                                                                                              |
| Color gamut                    | DCI P3 compliant                                                                                                             |
| Light source                   | Laser                                                                                                                        |
| Prime lenses                   | 0.83-1.2, 1.2-1.7, 1.34-1.9, 1.5-2.15, 1.7-2.55, 2.0-3.9<br><br>High-brightness and high-contrast 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: 650 x 880 x 420 mm/ 25,59 x 34,65 x 16,54 inches                                                        |
| Weight                         | incl. feet: 69,5kg / 154lbs                                                                                                  |
| Power requirements             | single phase 200-240V 10A                                                                                                    |
| Heat load                      | 5306 BTU/h @ max power @ 40°C                                                                                                |
| Exhaust airflow                | 250 CFM                                                                                                                      |
| 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              | 1,5kW (3W in Eco Mode)                                                                                                       |
| Noise Level                    | 52 dB(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           | Laser Class 1 -Risk Group 3                                                                                                  |
| User interface                 | Integrated Touch Display and/or Web-based Communicator Web Analyzer for service                                              |
| Notes                          | **projector configuration with ICP-D; contact Barco service for the list of supported brands                                 |

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