

SP2K-20C

Enabling smart projection for mainstream cinema screens



2K
2048 X 1080

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

SP2K-20C is derived from the acclaimed SP4K range and part of the Series 4 portfolio: a next-generation laser projection family for all cinema screens. The SP2K models come in many different configurations offering you the freedom of choice. They come with 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 SP2K models of the Series 4 family bring native 2K resolution, full P3 color space, higher contrast and enhanced uniformity into the movie theater.

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 EcoPureTM

The SP2K-20C smartly manages its power consumption reaching projector efficiency levels of 10,8 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. Anyone can replace the filters thanks to the toolless cover and filter handling. The SP2K-20C seamlessly integrates into your current setup.

Product specifications**SP2K-20C****General specifications**

Native brightness	19,500 lumens (typical)
Native contrast ratio	2000:1 (typical)
Digital MicroMirror Device™	3x 0.98"
Resolution	2K: 2048 x 1080
Color gamut	DCI P3 compliant
Light source	Laser
Prime lenses	0.8 -1.16; 1.09 -1.40; 1.2 -1.8; 1.4 -2.05; 1.6 -2.5 ; 1.95 -3.2; 2.4 -3.9
Long-term brightness stability	40,000 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
Weight	101kg / 227lbs
Power requirements	single or triple phase 200-240V 16A
Heat load (max. power)	6800 BTU/h
Exhaust airflow	400 CFM
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	1.8kW (3W in Eco Mode)
Noise Level	50 dB(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.
Safety requirements	Class 1 risk group 3
User interface	Touch Display and / or web-based
Lateral lens color on edge of image	1 pixel average* (* depends on lens, zoom, ...)
Notes	**projector configuration with ICP-D; contact Barco service for the list of supported brands

Last updated: 30 May 2024

© 2024 Barco nv. All rights reserved. Reproduction in whole or in part without written permission is prohibited. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Due to continued innovation, information and technical specifications are subject to change without prior notice. Please check www.barco.com for the latest specifications.