

# CRPN-52B

5,000 ANSI lumens, panorama, single-chip DLP projector



Barco's panorama projector is the perfect solution for wide screen projection in business, educational or governmental applications that require multi-windowing features. With its exceptionally wide 21:9 aspect ratio, panoramic image and 2,560 x 1,080 native resolution, the projector is the ideal alternative for blended projection. The CRPN-52B enables meeting participants to easily share multiple windows in one single, crisp image and allows them to collaborate locally or remotely on large data sets. Thanks to the CRPN-52B's outstanding image quality, high contrast and low noise levels, it improves collaboration for effective meetings.

## Cost-efficient design

Designed to replace the complex setup of a traditional collaboration room with a dual channel blend or bezel, the panorama projector reduces installation and maintenance costs. The CRPN-52B has a filter-free design, an energy-efficient and flexible dual lamp system and uses DLP® technology for unmatched accuracy. Running the projector in single lamp mode offers you up to 5,000 worry-free hours without component replacements – which reduces your maintenance cost significantly.

## Increased efficiency

For governments, companies and educational institutions, investing in equipment that supports decision-making processes without compromising on ergonomics is important. The CRPN-52B provides razor-sharp, stable and high contrast images that don't tire your eyes and thanks to its low noise levels, working in an environment with front projection has never been more comfortable. And as it comes in a compact and stylish design, it will perfectly match the interior of your meeting room.

**PRODUCT SPECIFICATIONS****CRPN-52B**

Projector type	Panorama single-chip DLP projector
Technology	LVDC DMD™ with DarkChip3™
Resolution	2,560 x 1,080 (Panorama)
Brightness	5,000 ANSI lumens
Contrast ratio	6,500:1
Brightness uniformity	>90%
Aspect ratio	21:9 (2,37:1) Panorama
Lenses	All pure glass lenses: 0.8:1 EN42 wide angle lens; 0.8-1.21:1 EN46 ultra wide zoom lens; 1.2-1.7:1 EN43 wide angle lens; 1.7-2.5:1 EN41 standard zoom
Optical lens shift	Vertical: -222% to +222%; horizontal: -78% to +78% (on zoom lenses)
Color correction	RealColor™
Lamps	2 x 300W UHP Vidi
Lamp lifetime	Up to 2,000 hours (full power) / Up to 2,500 hours (eco mode)
Lamp warranty (field replace/ factory replace)	500 hours or 90 days
Sealed DLP™ core	Yes
Orientation	table -ceiling
Integrated web server	Yes
3D	Passive polarized and Infitec (2 projectors)
Inputs	2 x DVI-I; 2 x HDMI 1.3a; 2 x VGA; Video inputs; 1 x component; 1 x S-video
Input resolutions	Up to 2,560 x 1,600 pixels input on all models. Output resolution depends on native resolution; HDTV (1080p, 1080i, 720p); EDTV (576p, 480p); SDTV (576i, 480i); NTSC, PAL, SECAM; progressive scan
Max. pixel clock	165 MHz
Software tools	Projector Toolset, ProNet
Control	1 x RJ-45 TCP/IP; 1 x 9-pin D-SUB RS232; 2 x 12V programmable trigger (3.5mm mini jack); 1 x Wired Remote 3.5mm mini jack; 2 x USB
Network connection	10/100 base-T, RJ-45 connection
Power requirements	100-240V / 50-60Hz
Max. power consumption	912W
Noise level (typical at 25°C/77°F)	40.9dB (ISO 9296)
Operational ambient temperature	10-40°C / 50°-104°F
Operational humidity	20-80% RH
Dissipation BTU	max 3,109 BTU/h
Dimensions (WxLxH)	510 x 233 x 376 mm / 20.08 x 9.17 x 14.80 inches
Weight	12.7 kg (28.0 lbs)
Shipping dimensions (WxLxH)	520 x 370 x 780 mm / 20.47 x 14.57 x 30.71 inches
Shipping Weight from Factory	20 kg (44 lbs)
Standard accessories	Power cord, wireless remote control
Certifications	Compliant with FCC, part 15 Class A and CCC, cCSAus, cUL, UL and CE
Warranty	Limited 3 years parts and labor

Last updated: 24 Feb 2021

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.