

CNHD-81B

7,500 lumens, Full HD, single-chip DLP projector



The CNHD-81B is perfectly suited for installation in meeting rooms, boardrooms, conference rooms and small- to medium-sized auditoriums.

Excellent image quality

The CNHD-81B is a single-chip DLP® projector that combines a brightness level of 7,500 ANSI lumens with Full HD (1,920 x 1,080) resolution. Geared with DLP technology, this high-brightness projector ensures constant and reliable images over time. And its brightness uniformity of more than 90% guarantees stable images with uniform brightness levels across your entire screen.

Easy to install

Because of its compact form factor and low weight of merely 12.9 kg – exceptional for a projector in this brightness class – the CNWU-81B is easy to install and operate. Moreover, its lens shift offers you the flexibility to install your projector at various distances from the screen while you can easily shift the lens to get your image on screen in the right way.

Built to last

The CNHD-81B features a filter-free design and reliable DLP® technology for unmatched picture accuracy and low total cost of ownership. Designed for unlimited use, it also comes with a three-year warranty, for true peace of mind.

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Product specifications**CNHD-81B**

Projector type	Single-chip DLP projector
Technology	LVDC DMD™ with DarkChip3™
Resolution	1,920 x 1,080 (Full HD)
Brightness	7,500 ANSI lumens
Contrast ratio	6,500:1
Brightness uniformity	>90%
Aspect ratio	16:9
Lens type	All pure glass lenses
Lenses	ultra wide EN 12 (0.74:1), ultra wide zoom lens EN46 (0.8-1.21:1), wide angle zoom lens EN13 (1.24-1.6:1), standard zoom lens EN11 (1.6-2.32:1), Long throw zoom Lens EN14 (2.37-3.79:1), Wide angle Lens EN15 (1.16:1), Extra Long throw zoom EN16 (3.8-6.5:1)
Optical lens shift	Vertical: -134% to +134%; Horizontal: -68% to +68% (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 house, quick replace	yes
Lamp warranty	500 hours or 90 days
Sealed DLP™ core	Yes
Orientation	table - ceiling
Inputs	1 x DVI-D; 1 x HDMI 1.3a; 1 x VGA; 1 x 5-BNC; 1 x HMDI 1.3a; 1x YPbPr; 1 x S-video; 1 x composite
Input resolutions	1,920 x 1,200 - 640 x 480 pixel resolution; RGBHV, RGBS, RGsB; custom formats available; HDTV (1080p, 1080i, 720p); NTSC, PAL, SECAM
Software tools	Projector Toolset, ProNet
Control	Minijack + IR, RS232, Network, 12v trigger
Network connection	10/100 base-T, RJ-45 connection
Power requirements	100-240V / 50-60Hz
Power consumption	850W
Noise Level	34 dB
Operational ambient temperature	10-40°C / 50°-104°F
Operational humidity	20-80% RH
Dissipation BTU	max 2,900 BTU/h
Dimensions (WxLxH)	510 x 376 x 233 mm / 20.08 x 14.80 x 9.17 inches
Weight	12.6 kg (27.8 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. Extendable up to 5.

Last updated: 12 Feb 2016
Technical specifications are subject to change without prior notice.
Please check www.barco.com for the latest information.

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