

# 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.

**BARCO**

Visibly yours

## Product specifications

## CNHD-81B

|                                        |                                                                                                                                                                                                                                                                 |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Projector type</b>                  | Single-chip DLP projector                                                                                                                                                                                                                                       |
| <b>Technology</b>                      | LVDC DMD™ with DarkChip3™                                                                                                                                                                                                                                       |
| <b>Resolution</b>                      | 1,920 x 1,080 (Full HD)                                                                                                                                                                                                                                         |
| <b>Brightness</b>                      | 7,500 ANSI lumens                                                                                                                                                                                                                                               |
| <b>Contrast ratio</b>                  | 6,500:1                                                                                                                                                                                                                                                         |
| <b>Brightness uniformity</b>           | >90%                                                                                                                                                                                                                                                            |
| <b>Aspect Ratio</b>                    | 16:9                                                                                                                                                                                                                                                            |
| <b>Lens type</b>                       | All pure glass lenses                                                                                                                                                                                                                                           |
| <b>Lenses</b>                          | ultra wide EN 12 (0.79:1), 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) |
| <b>Optical lens shift</b>              | Vertical: -134% to +134%; Horizontal: -68% to +68% (on zoom lenses)                                                                                                                                                                                             |
| <b>Color correction</b>                | RealColor™                                                                                                                                                                                                                                                      |
| <b>Lamps</b>                           | 2 x 300W UHP Vidi                                                                                                                                                                                                                                               |
| <b>Lamp lifetime</b>                   | Up to 2,000 hours (full power) / Up to 2,500 hours (eco mode)                                                                                                                                                                                                   |
| <b>Lamp house, quick replace</b>       | yes                                                                                                                                                                                                                                                             |
| <b>Lamp warranty</b>                   | 500 hours or 90 days                                                                                                                                                                                                                                            |
| <b>Sealed DLP™ core</b>                | Yes                                                                                                                                                                                                                                                             |
| <b>Orientation</b>                     | table - ceiling                                                                                                                                                                                                                                                 |
| <b>3D</b>                              | Passive polarized and Infitec (2 projectors)                                                                                                                                                                                                                    |
| <b>Inputs</b>                          | 1 x DVI-D; 1 x HDMI 1.3a; 1 x VGA; 1 x 5-BNC; 1 x HDMI 1.3a; 1x YPbPr; 1 x S-video; 1 x composite                                                                                                                                                               |
| <b>Input Resolutions</b>               | 1,920 x 1,200 - 640 x 480 pixel resolution; RGBHV, RGBS, RGsB; custom formats available; HDTV (1080p, 1080i, 720p); NTSC, PAL, SECAM                                                                                                                            |
| <b>Software tools</b>                  | Projector Toolset, ProNet                                                                                                                                                                                                                                       |
| <b>Control</b>                         | Minijack + IR, RS232, Network, 12v trigger                                                                                                                                                                                                                      |
| <b>Network connection</b>              | 10/100 base-T, RJ-45 connection                                                                                                                                                                                                                                 |
| <b>Power requirements</b>              | 100-240V / 50-60Hz                                                                                                                                                                                                                                              |
| <b>Power consumption</b>               | 850W                                                                                                                                                                                                                                                            |
| <b>Operational ambient temperature</b> | 10-40°C / 50°-104°F                                                                                                                                                                                                                                             |
| <b>Operational humidity</b>            | 20-80% RH                                                                                                                                                                                                                                                       |
| <b>Dissipation BTU</b>                 | max 2,900 BTU/h                                                                                                                                                                                                                                                 |
| <b>Dimensions (WxLxH)</b>              | 510 x 376 x 233 mm / 20.08 x 14.80 x 9.17 inches                                                                                                                                                                                                                |
| <b>Weight</b>                          | 12.6 kg (27.8 lbs)                                                                                                                                                                                                                                              |
| <b>Standard accessories</b>            | Power cord, wireless remote control                                                                                                                                                                                                                             |
| <b>Certifications</b>                  | Compliant with FCC, part 15 Class A and CCC, cCSAus, cUL, UL and CE                                                                                                                                                                                             |
| <b>Warranty</b>                        | Limited 3 years parts and labor. Extendable up to 5.                                                                                                                                                                                                            |