

# CTHD-61B

5,500 lumens, Full HD, single-chip DLP projector



The CTHD-61B is a stylish white projector with extremely low noise levels that will revolutionize your collaboration room, high-end meeting room, conference room or boardroom.

## **A groundbreaking projector**

Truly groundbreaking, the CTHD-61B is like nothing you've ever seen before. It offers Full HD resolution and 5,500 lumens light output and is not only smaller and lighter than other projectors in the 5,000 to 6,000 lumens segment, it also delivers unrivaled image quality with market-leading contrast ratios.

## **Unmatched image quality**

Thanks to its high-quality optics and high contrast ratio, the CTHD-61B ensures crystal-clear images with vivid and dynamic colors from almost any source. What's more, the projector is equipped with HDBaseT, 3GSDI, DisplayPort, DVI, HDMI and VGA connectivity for maximum flexibility.

## **Built to last**

The CTHD-61B 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****CTHD-61B**

<b>Projector type</b>	Single-chip DLP projector
<b>Technology</b>	LVDS DMD™ with DarkChip3™
<b>Resolution</b>	1,920 x 1,080 (Full HD)
<b>Brightness</b>	5,500 ANSI lumens (high-brightness color wheel)
<b>Contrast ratio</b>	Up to 5,300:1
<b>Brightness uniformity</b>	>80%
<b>Aspect Ratio</b>	16:9
<b>Lens type</b>	All pure glass lenses
<b>Lenses</b>	Zoom EN51 (1.60-2.21:1), Wide Fixed EN52 (0.92:1), Ultra Wide Fixed EN53 (0.74:1), EN54 (2.5-3.9:1), Super Wide Zoom EN55 (0.80-1.08 :1), Wide Zoom EN56 (1.06 – 1.62:1), Ultra Short Throw EN57 (0.28:1)
<b>Optical lens shift</b>	Motorized. Range depends on the lens.
<b>Color correction</b>	RealColor™
<b>Lamps</b>	1 x 350W UHP (dimmable)
<b>Lamp lifetime</b>	Up to 2,000 hours (Full power) / 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 (360 degrees through lamp axis)
<b>3D</b>	Yes, HDMI 1.4a
<b>Inputs</b>	2x DisplayPort 1.2 (HBR2), 1 x DVI-Dual Link, 1 x HDMI 1.4a, 1 x VGA, 2x 3G-SDI, 1x HDBaseT
<b>Input Resolutions</b>	2,560 x 1,600 - 640 x 480 pixel resolution, RGBHV, RGBS, RGsB, custom formats available, HDTV (1080p, 1080i, 720p), NTSC, PAL, SECAM
<b>Software tools</b>	SimCAD, Projector Toolset
<b>Control</b>	IR, RS232, Ethernet, USB
<b>Network connection</b>	10/100/1000 base-T, RJ-45 connection, RS-232
<b>Power requirements</b>	100-240V / 50-60Hz
<b>Power consumption</b>	less than 530W
<b>Noise Level</b>	33dBA (full), 30dBA (eco mode), 25 dBA with full noise reduction kit
<b>Operational ambient temperature</b>	10 - 40 °C /50 - 104 °F, 0-3,000m (Storage temperature: -20 - 60 °C/-4 - 140 °F)
<b>Operating humidity</b>	20 - 80% RH (Storage Conditions: 10 - 90% RH)
<b>Dissipation BTU</b>	max 1,807 BTU/h
<b>Dimensions (WxLxH)</b>	342 x 306 x 143 mm / 13.46 x 12.05 x 5.63 inches
<b>Weight</b>	7.5 kg (16.5 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.