

# CTWQ-51B

5,000 lumens, WQXGA, single-chip DLP projector



The CTWQ-51B is designed for high-end meeting rooms, boardrooms and collaboration rooms.

## **Impressive pixel power**

Offering a light output of 5,000 lumens, the CTWQ-51B is small and light, yet extremely bright. Its WQXGA (2,560 x 1,600) resolution is higher than any other single-chip DLP projector, to produce the most stunning images you've ever seen. With its exceptional 4.1 megapixel, the CTWQ-51B offers 77% more pixels than a regular WUXGA display and 97.5% more than a 1080p display, making it the perfect solution for presenting large data sets in a single, high-quality image. As more pixels equal more information that can be shown on screen, it leads to better and faster decision-making.

## **It's oh so quiet**

The projector is remarkably silent, and thanks to its optional noise reduction kit, its noise level can be further reduced to 25dB – a truly impressive level of silence. With the CTWQ-51B, working in an environment with front projection has never been more comfortable - because silence is golden.

## **Built to last**

The CTWQ-51B 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****CTWQ-51B**

<b>Projector type</b>	Single-chip DLP projector
<b>Technology</b>	LVDS DMD™ with DarkChip3™
<b>Resolution</b>	2,560 x 1,600 (WQXGA)
<b>Brightness</b>	5,000 ANSI lumens
<b>Contrast ratio</b>	Up to 5,300:1
<b>Brightness uniformity</b>	>80%
<b>Aspect Ratio</b>	16:10
<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 (0.86-1.16:1), Wide Zoom EN56 (1.14 – 1.74:1), Ultra Short Throw EN57 (0.3:1)
<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.