

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.

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Product specifications**CTWQ-51B**

Projector type	Single-chip DLP projector
Technology	LVDS DMD™ with DarkChip3™
Resolution	2,560 x 1,600 (WQXGA)
Brightness	5,000 ANSI lumens
Contrast ratio	Up to 5,300:1
Brightness uniformity	>80%
Aspect ratio	16:10
Lens type	All pure glass lenses
Lenses	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)
Optical lens shift	Motorized. Range depends on the lens.
Color correction	RealColor™
Lamps	1 x 350W UHP (dimmable)
Lamp lifetime	Up to 2,000 hours (Full power) / 2,500 hours (eco mode)
Lamp house, quick replace	Yes
Lamp warranty	500 hours or 90 days
Sealed DLP™ core	Yes
Orientation	Table - ceiling (360 degrees through lamp axis)
3D	Yes, HDMI 1.4a
Inputs	2x DisplayPort 1.2 (HBR2), 1 x DVI-Dual Link, 1 x HDMI 1.4a, 1 x VGA, 2x 3G-SDI, 1x HDBaseT
Input resolutions	2,560 x 1,600 - 640 x 480 pixel resolution, RGBHV, RGBS, RGsB, custom formats available, HDTV (1080p, 1080i, 720p), NTSC, PAL, SECAM
Software tools	SimCAD, Projector Toolset
Control	IR, RS232, Ethernet, USB
Network connection	10/100/1000 base-T, RJ-45 connection, RS-232
Power requirements	100-240V / 50-60Hz
Power consumption	less than 530W
Noise Level	38dBA (full), 36dBA (eco mode), 28 dBA with full noise reduction kit
Operational ambient temperature	10 - 40 °C / 50 - 104 °F, 0-3,000m (Storage temperature: -20 - 60 °C/-4 - 140 °F)
Operating humidity	20 - 80% RH (Storage Conditions: 10 - 90% RH)
Dissipation BTU	max 1,807 BTU/h
Dimensions (WxLxH)	342 x 306 x 143 mm / 13.46 x 12.05 x 5.63 inches
Weight	7.5 kg (16.5 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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