

LARGE VENUE PROJECTOR TH7500-NL

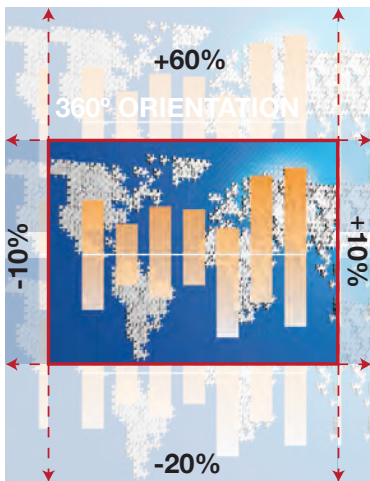


INSTALLATION FLEXIBILITY AND POWER



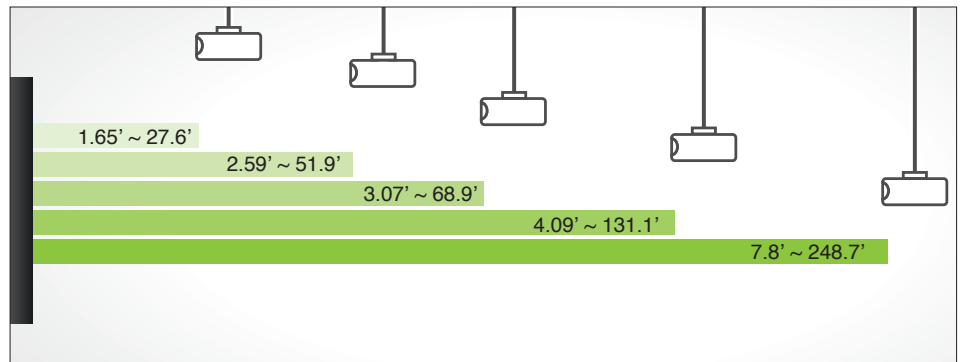
- High-resolution display – Native 1920 x 1200
- Top loading, dual-lamp design for high brightness and redundancy
- High-performance light engine – Bright, sharp images
- Flexible placement options – Multiple lens and lens shift options
- Remote management via RS-232C or RJ45 connectivity

PRO | SCENE



MOTORIZED LENS SHIFT
Horizontal: $\pm 10\%$
Vertical: -20% $+60\%$

The Optoma TH7500-NL multimedia projector brings high brightness and rugged construction to rental and staging installations. A dual-lamp design offers 6000 lumens of brightness, ultimate reliability and 24/7 operation to ensure that this projector is always ready to deliver. A choice of lenses and lens shift capabilities ensure that the projector is optimized for installation to provide a stunning performance every time. The Optoma 24/7 Maintenance Program is available for purchase with this projector for added peace of mind.



Lens	Fixed Short Throw	Short Throw	Standard Throw	Long Throw	Ultra Long Throw
Optoma Part Number	BX-DLWT1	BX-DLWT2	BX-DLST1	BX-DLTZ1	BX-DLTZ2
Focal Length (f)	11.73 mm	18.1 ~ 21.72 mm	21.5 ~ 28.7 mm	28.6 ~ 54.33 mm	54.06 ~ 102.7 mm
F Number	2.2	2.0 ~ 2.3 mm	2.0 ~ 2.3	2.2 ~ 3.0	2.3 ~ 3.16
Zoom Ratio	Fixed	1.2x	1.33x	1.9x	1.9x
Throw Ratio (Distance/Width)	0.78	1.22 ~ 1.47	1.45 ~ 1.95	1.93 ~ 3.71	3.68 ~ 7.04
Throw Distance	1.65' ~ 27.6' 0.5 ~ 8.4 m	2.59' ~ 51.9' 0.79 ~ 15.8 m	3.07' ~ 68.9' 0.94 ~ 21.0 m	4.09' ~ 131.1' 1.25 ~ 40.0 m	7.8' ~ 248.7' 2.38 ~ 75.8 m
Projection Image Size	30" ~ 500" inches				
Zoom & Focus Adjustment	Motorized				

LARGE VENUE — TH7500-NL

OPTICAL/TECHNICAL SPECIFICATIONS

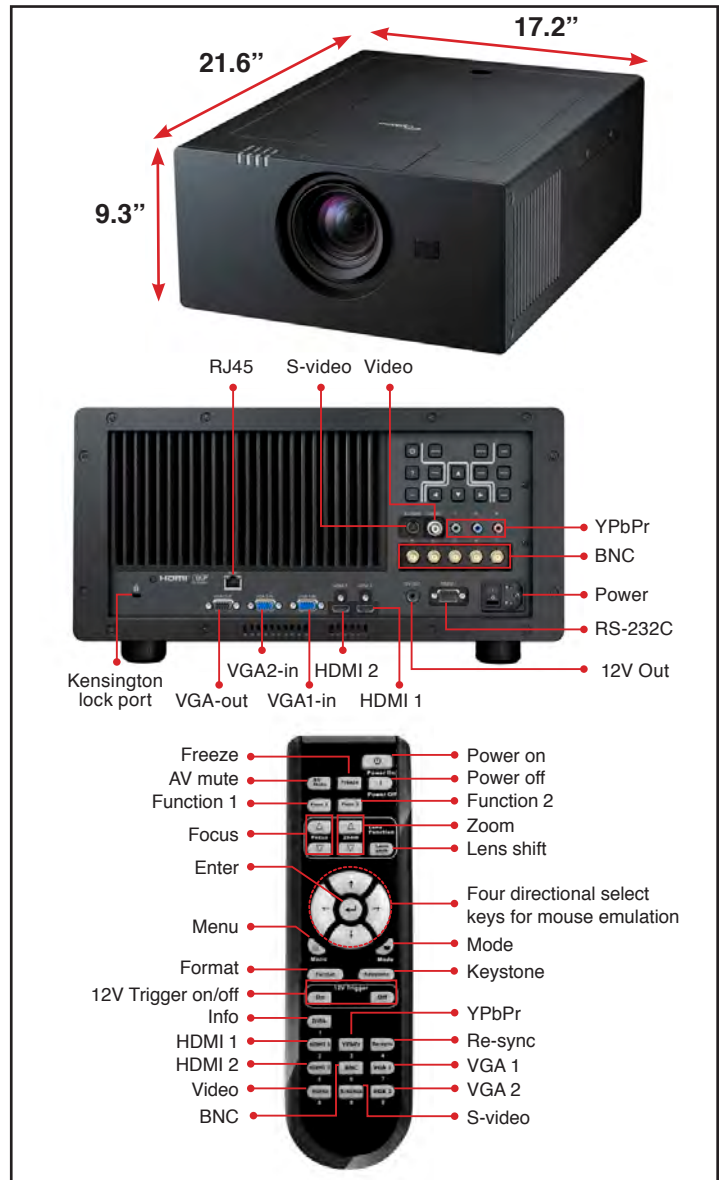
Display Technology	Single 0.67" DC3 DMD DLP® Technology by Texas Instruments™
Native Resolution	WUXGA (1920 x 1200)
Maximum Resolution	WUXGA (1920 x 1200)
Brightness	Dual lamp: 6000/4000 lumens Single lamp 3000/2000 lumens
Contrast Ratio	2000:1 (full on/full off)
Displayable Colors	16.7 Billion
Lamp Life and Type*	2500/2000 Hours (ECO/STD) 330W
Projection Method	Front, rear, ceiling mount, table top
Keystone	±20° Vertical ±20° Horizontal
Uniformity	>95%
Aspect Ratio	16:10 Native, 4:3 and 16:9 compatible
Lens Shift	Vertical: -20% ~ +60% Horizontal: ±10%
Noise Level	42dB/38dB (STD/ECO)
Operating Temperature	41–95°F (5–35°C), 85% max humidity
Power Supply	AC Input 100–240V, 50–60Hz, auto-switching
Power Consumption	860W (STD), 735W (ECO), <20W (Active standby), <0.5W (Standby)

COMPATIBILITY SPECIFICATIONS

Computer Compatibility	WUXGA, HD, UWXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA resized, VESA, PC and Macintosh compatible
Video Input Compatibility	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
Vertical Scan Rate	24–85Hz
Horizontal Scan Rate	15.3–100KHz
Closed Captioning	Enabled via on-screen menu
User Controls	Complete on-screen menu, adjustment in 23 languages
I/O Connection Ports	Input: two HDMI, two VGA-in, RGBHV BNC, YPbPr component, S-video, composite Output: VGA-Out Control: RJ45, RS-232C, 12V trigger
Loop Through (VGA)	Monitor: D-Sub 15 pin VGA output (functional in active mode)

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port
Weight	51.4 lb (23.3 kg) w/o lens
Dimensions (W x H x D)	17.2" x 9.3" x 21.6" (436 x 235 x 549 mm)



Warranty

3-Year Optoma Express Replacement Service, 1-Year on lamp

What Comes in the Box

AC power cord, VGA to VGA cable, remote control, batteries for remote, lens cap, CD-ROM user's manual, quick start card, warranty card, HDMI to DVI adaptor, RS-232, data and video color wheel, lens not included

Optional Accessories

Lenses, HDMI cable, ceiling mount, wireless dongle, VGA to component cable, S-video cable, composite video cable, RS-232 cable and Optoma screens

Part Numbers

Lamp: BL-FP330C
Data Color Wheel: BZ-8JN06
Video Color Wheel: BZ-8JN07
24/7 Maintenance Program: BW-M03
24/7 Maintenance Program with Loaner Unit: BW-M04

Mount: BM-9002N
Remote: BR-3055B

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Optoma
Projector Expert

*Lamp life is dependent upon many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

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