

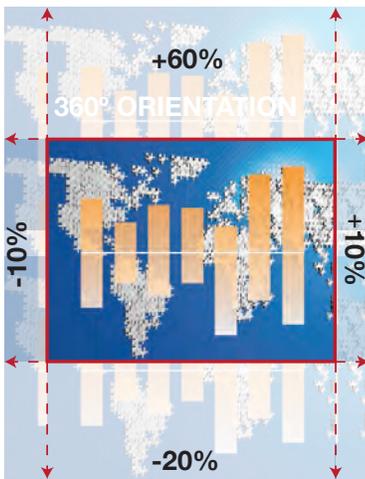
# LARGE VENUE PROJECTOR TH7500-NL



## INSTALLATION FLEXIBILITY AND POWER

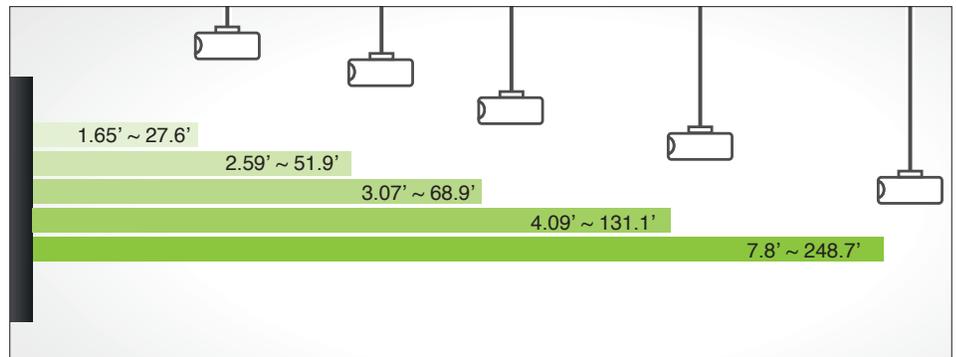


- High-resolution display – Native 1920 x 1200**
- Top loading, dual-lamp design for high brightness and redundancy**
- High-performance light engine – Bright, sharp images**
- Flexible placement options – Multiple lens and lens shift options**
- Remote management via RS-232 or RJ45 connectivity**



**MOTORIZED LENS SHIFT**  
Horizontal: ±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
<b>Optoma Part Number</b>	BX-DLWT1	BX-DLWT2	BX-DLST1	BX-DLTZ1	BX-DLTZ2
<b>Focal Length (f)</b>	11.73 mm	18.1 ~ 21.72 mm	21.5 ~ 28.7 mm	28.6 ~ 54.33 mm	54.06 ~ 102.7 mm
<b>F Number</b>	2.2	2.0 ~ 2.3 mm	2.0 ~ 2.3	2.2 ~ 3.0	2.3 ~ 3.16
<b>Zoom Ratio</b>	Fixed	1.2x	1.33x	1.9x	1.9x
<b>Throw Ratio (Distance/Width)</b>	0.78	1.22 ~ 1.47	1.45 ~ 1.95	1.93 ~ 3.71	3.68 ~ 7.04
<b>Throw Distance</b>	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
<b>Projection Image Size</b>	30" ~ 500" inches				
<b>Zoom &amp; Focus Adjustment</b>	Motorized				

## LARGE VENUE — TH7500-NL

### OPTICAL/TECHNICAL SPECIFICATIONS

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

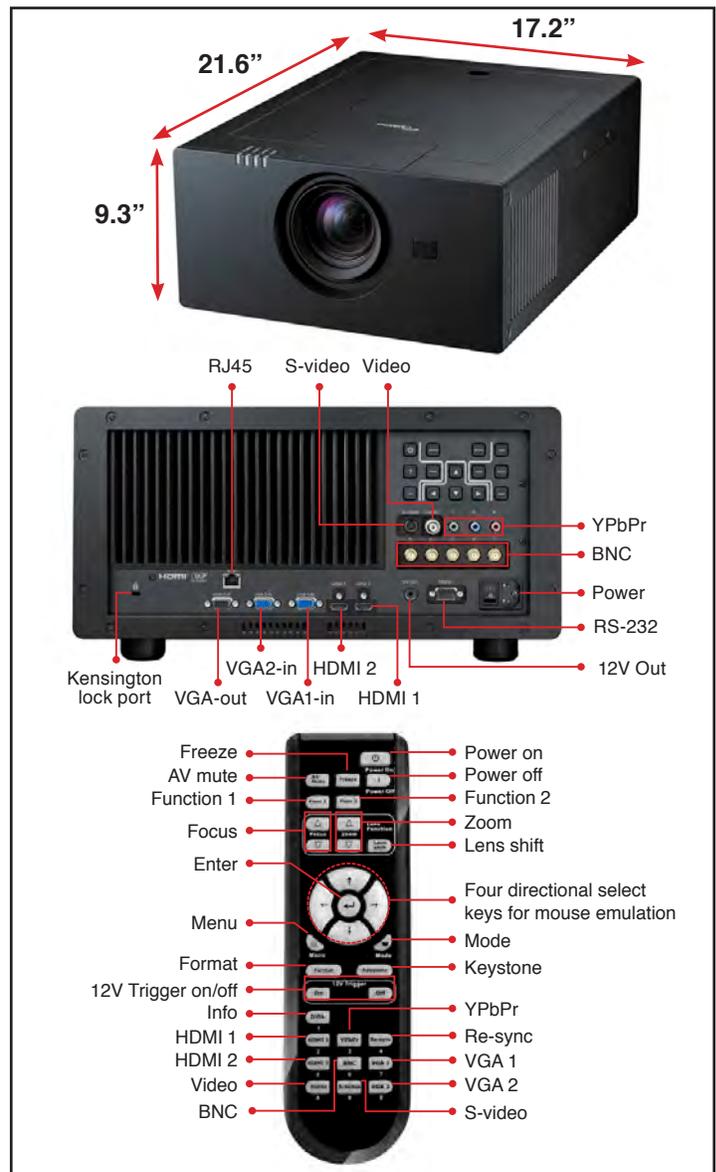
### COMPATIBILITY SPECIFICATIONS

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

### PHYSICAL SPECIFICATIONS

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

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



#### Warranty

3-year Optoma Express Replacement Service, One-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

24/7 Maintenance Program: BW-M03  
 24/7 Maintenance Program with Loaner Unit: BW-M04  
 Lamp: BL-FP330C  
 Data Color Wheel: BZ-8JN06  
 Video Color Wheel: BZ-8JN07  
 Mount: BM-9002N  
 Remote: BR-3055B

#### UPC

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www.OptomaUSA.com

**Optoma**  
Projector Expert

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