

TH7500 – Multimedia Projector

Take Installation Flexibility to the Max

The TH7500 multimedia projector brings high brightness and rugged construction to rental and staging installations. A dual-lamp design delivers 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 deliver a stunning performance every time.

Features

- 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
- Powered lens – Zoom, focus and lens shift
- 24 x 7 operation*
- Ships with two color wheels — Optimize for data or video
- Remote management via RS-232 or RJ45 connectivity
- Split-screen PIP

Specifications

Display Technology
Single 0.67" DC3 DMD DLP®
Technology by Texas Instruments

Resolution
Native WUXGA (1920 x 1200)

Maximum Resolution
WUXGA (1920 x 1200)

Brightness (Data/Video)
Dual Lamp 6000/4000 ANSI Lumens
Single Lamp 3000/2000 ANSI Lumens

Contrast Ratio
Up to 2000:1 (Full On/Full Off)

Lamp Life and Type**
2000/1500 Hours (ECO/STD)
330W

Aspect Ratio
16:10 Native, 4:3 and 16:9 Compatible

Horizontal Scan Rate
15.3 to 100 kHz

Vertical Scan Rate
24 to 85 kHz

Lens Shift
Vertical: -20% ~ +60%
Horizontal: ±10%

Keystone Correction
±20° Vertical
±20° Horizontal

Security
Kensington® Lock

Uniformity
95%

Displayable Colors
16.7 Million

User Controls
Complete On-Screen Menu
Adjustments in 23 Languages

Computer Compatibility
WUXGA, HD, UXGA, WXGA,
SXGA+, SXGA, XGA, SVGA, VGA
Resized, VESA, PC and
Macintosh Compatible

Video Compatibility
NTSC, PAL, SECAM, SDTV (480i),
EDTV (480p), HDTV (720p,
1080i/p)

Monitor Loop Through
D-sub 15-pin VGA Output
(Functional in Active Mode)

Closed Captioning
Enabled via On-Screen Menu

Projection Method
Front, Rear, Ceiling Mount, Table
Top

I/O Connection Ports
Input: Two HDMI, Two VGA-In,
RGBHV BNC, YPbPr
Component, S-Video, Composite
Output: VGA-Out
Control: RJ45, RS-232, 12V
Trigger

Weight
51.4 lbs (23.3 kg) w/o Lens

Dimensions (W x D x H)
21.6" x 9.3" x 17.2"
(549 x 235 x 436mm)

Noise Level (STD/ECO)
42dB/38dB

Operating Temperature
41 to 95°F (5 to 35°C), 85% Max
Humidity

Power Consumption
860 Watts (STD), 735 Watts
(ECO), <20 Watts (Active
Standby), <0.5 Watt (Standby)

Power Supply
AC Input 100-240V, 50-60Hz,
Auto-Switching

Standard Accessories
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 and RS232

Optional Accessories
Lenses, Ceiling Mount,
Wireless Dongle, HDMI
Cable, VGA to Component
Cable, S-Video Cable,
Composite Video Cable,
RS-232 Cable, Panoview™
Series Screens

Warranty
3-Year Optoma Express
Replacement Warranty,
1-Year Lamp

UPC
796435 41 211 1

Accessory Part Numbers
Lamp: BL-FP330C
Remote: BR-3055B
Mount: BM-9002N
Data Color Wheel: BZ-8JN06
Video Color Wheel: BZ-8JN07



Lens	Short Throw	Standard 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)	11.73mm	18.1 ~ 21.72mm	21.5 ~ 28.7mm	28.6 ~ 54.33mm	54.06 ~ 102.7mm
F Number	2.2	2.0 ~ 2.3	2.0 ~ 2.3	2.2-3.0	2.3 ~ 3.16
Zoom Ratio	Fixed	1.2x	1.33x	1.9x	1.9x
Zoom & Focus Adjustment	Motorized				
Throw Ratio (120" diagonal image)	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 ~ 8.4m	2.59' ~ 51.9' 0.79 ~ 15.8m	3.07' ~ 68.9' 0.94 ~ 21.0m	4.09' ~ 131.1' 1.25 ~ 40.0m	7.8' ~ 248.7' 2.38 ~ 75.8m
Projection Image Size	30" ~ 500" inches				

* See Warranty Guidelines for 24 x 7 operation

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