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.

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

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
Color wheel: TBD

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	0.77	1.2 ~ 1.45	1.45 ~ 1.94	1.94 ~ 3.67	3.67 ~ 6.98
Throw Distance	1.64' ~ 27.2' 0.5 ~8.3m	2.56' ~ 51.2' 0.78 ~ 15.6m	3.08' ~ 68.56' 0.94 ~20.9m	4.1' ~ 129.6' 1.25 ~ 39.5m	7.78' ~ 246.72' 2.37 ~ 75.2m
Projection Image Size	30" ~ 500" inches				