

# PRO8000 – Multimedia Projector

## Bright Multimedia in a Durable Package

The PRO8000 multimedia projector brings high brightness and rugged construction to rental and staging installations. A dual-lamp design delivers 5800 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, high contrast 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 5800/3800 ANSI Lumens  
Single Lamp 2900/1900 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 (Economy  
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 41 723 9

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



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		