

WUXGA Professional Installation Laser Projector

ZU1050



Spectacular image quality and brightness with low maintenance laser technology



PRO|SCENE



Sharp and luminous image with 10,000 lumens



DuraCore: maintenance-free laser light source at full brightness up to 30,000 hours



MultiColor Laser technology provides a wider color gamut with high brightness



Integrated edge-blending and image warping with portrait and 360° operation



Robust connectivity, including HDMI, HDBaseT, 3G-SDI and wireless mirroring via USB adapter



Multiple interchangeable optical lens options with 24/7, 360° and portrait mode operation



Full 3D

16:10
ENHANCED

RoomView
CONTRAST



HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE

IP LINK

Link

HDBT

3G SDI



The Optoma ZU1050 is a professional installation 10,000 lumen WUXGA projector designed for large meeting rooms, auditoriums, museums, houses of worship and broadcast environments demanding vibrant colors, consistent brightness and stunning quality. Laser phosphor technology delivers powerful brightness with up to 30,000 hours of operation.

It's engineered to suit complex installation requirements for professional image projection. The dust-sealed and filter-free design with IP6X certification keeps the optical system performing optimally with minimal maintenance. A variety of premium lens options, motorized lens-shift, zoom and focus with 360° and portrait operation ensure installation flexibility for virtually all needs.

CONNECTIVITY (May require optional accessories)



Computers



Smart
Phones



Tablets



3D Blu-ray/DVD Players



Broadcasting
Camera



Apple TV®



Chromecast™

WUXGA PROFESSIONAL INSTALLATION LASER PROJECTOR – ZU1050

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single DMD, 0.67" WUXGA DMD, Type A, DC3 DLP® Technology by Texas Instruments™	
Native Resolution	WUXGA (1920x1200)	
Maximum Resolution	WUXGA (1920x1200)	
Brightness	10,000 ANSI lumens, 10,000 center lumens	
Contrast Ratio	2,000,000:1 (Extreme black enabled) 2000:1 (full on/full off) (Dynamic Black)	
Lamp Life and Type*	Up to 30,000 hrs (Eco), 20,000 hrs (Bright)	
Lens Options:	BX-CTA16: 0.36:1 BX-CTA17: 0.65 - 0.75:1 BX-CTA15: 0.75-0.95:1 BX-CAA01: 0.95-1.22:1 BX-CAA06: 1.22-1.52:1 BX-CAA03: 1.52-2.92:1 BX-CTA13: 2.90-5.50:1 BX-CTADOME: Dome projection	
Navitar Lens Options†: (manual zoom and focus only)	NuView 578MCZ500: 4.85 – 8.66:1 NuView 578MCZ087: 9.15 – 15.24:1	
Projection Method	Front, rear, ceiling mount, table top, 360° and portrait mode operation capable	
Geometric Correction	±20° vertical and horizontal keystone, 4 corner, pincushion/barrel	
Lens Shift	±50% vertical ±15% horizontal	
Uniformity	90%	
Aspect Ratio	16:10 (native), 16:9 and 4:3 compatible	
Throw Ratio	0.36 - 5.50 (dependent on installed lens)	
Projection Distance	2'6" - 116'4" (0.81 - 35.5m)	
Image Size	50" - 300"	
Projection Lens	Interchangeable lenses (lens not included)	
Optical Zoom	1.25x - 1.9x (dependent on installed lens)	
Digital Zoom	0.8 - 2.0	
Audio	NA	
Noise Level	35dB/37dB (typical/max)	
Remote Control	Full function wired remote	
Operating Temperature	41–104°F (5–40°C), 85% max humidity	
Power Supply	AC input 100 – 240V, 50–60 Hz	
Power Consumption	945W+/-15% Max (Bright), 480W+/-15% Max (ECO) @ 110V AC	
High Altitude	Must manually switch to high altitude mode @ 5000 feet & above (using OSD)	

COMPATIBILITY SPECIFICATIONS

Computer Compatibility	WUXGA, UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA resized, VESA, PC and Mac compatible
Video Input Compatibility	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
3D Compatibility†	Supports all HDMI 1.4a mandatory 3D formats (frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e. 60 or 72 frames per eye). Required 3D glasses are sold separately. Refer to user manual for details.
Vertical Scan Rate	24–85Hz, 120Hz
Horizontal Scan Rate	15.375–91.146KHz
User Controls	Complete on-screen menu adjustment in 12 languages
I/O Connection Ports	1 x HDMI-in (version 1.4), 1 x DVI-D, 1 x VGA-in (D-Sub 15pin) (computer in or component), 1 x HDBaseT, 1 x 3G-SDI, 1 x 3D SYNC In, 1x VGA-out (supports VGA passthrough to monitor) (monitor out), 1 x 3D SYNC out, 1 x HDMI-out (version 1.4), 1 x RS232 (D-sub 9 pin) (PC Control), 1 x wired in (3.5mm phone jack) (remote in), 1 x USB Type A (for Wi-Fi adapter), 1 x mini USB (service), 1 x RJ45 (LAN)

PHYSICAL SPECIFICATIONS

Security	Kensington® Lock port, security bar and keypad lock
Weight	50.7 lbs (w/out lens)
Dimensions (W x H x D)	19" x 7.7" x 20.7" (482 x 195 x 525 - with elevators)

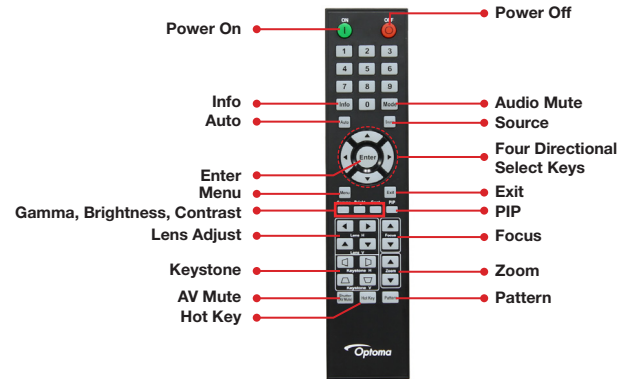
*Light source life is dependent upon many factors, including brightness mode, display mode, usage, environmental conditions and more. Light source brightness can decrease over time.

†3D content can be viewed with DLP Link active shutter 3D glasses when projector is used with a compatible 3D player. Please visit Optoma.com for more information.

‡Optoma does not stock or sell Navitar lenses. Please contact Navitar for availability and pricing.



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|------------------------|----------------|------------------|
| 1. Power On/Off | 7. HDMI Out | 13. Wired Remote |
| 2. Menu Navigation Pad | 8. HDMI In | 14. 3D SYNC In |
| 3. 3G-SDI | 9. 3D SYNC Out | 15. USB Power |
| 4. DVI-D | 10. HDBaseT | 16. Service |
| 5. VGA-In (YPbPr) | 11. RJ-45 | 17. AC Power |
| 6. VGA-out | 12. RS-232C | 18. Power Switch |



Warranty

3 Year parts and labor limited warranty on the projector with first year advance replacement, 5-year or 12,000 hour light source warranty (whichever comes first)

What's in the Box

ZU1050 projector, AC power cord, remote control, batteries for remote, quick start user manual

Accessories

Ceiling mount: BM-9011N

Remote: BR-3074W

Lenses:

- BX-CTA16: 0.36:1
- BX-CTA17: 0.65 - 0.75:1
- BX-CTA15: 0.75-0.95:1
- BX-CAA01: 0.95-1.22:1
- BX-CAA06: 1.22-1.52:1
- BX-CAA03: 1.52-2.92:1
- BX-CTA13: 2.90-5.50:1
- BX-CTADOME: Dome projection Navitar

QuickCast Pro 4K HDMI starter kit: QCP-SK-4K-HDMI (1 TX and 1 RX)

QuickCast Pro 4K HDMI starter kit: QCP-4K-KIT (2 TX, 1 RX, 1 Cradle)

UPC 796435 44 147 0

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