Ultra bright 4K UHD Laser Interchangeable Lens Projector

ZK750

7,500 lumens 4K UHD professional installation projector

- **Crystal clear 4K UHD image with 7,500 lumens**
- **MultiColor Laser technology provides uncompromised brightness with richer colors**
- **Integrated image warping and blending, and 3D playback ready**
- **HDR10 with wide color gamut support**
- **DuraCore technology: maintenance-free laser light source with IP6X-certified optical engine**
- **Multiple interchangeable optical lens options 24/7, 360° and portrait mode operation**
- **Class-leading chassis – compact, light and quiet**

Embrace professional installation 4K UHD projection with the bright, 7,500 lumens Optoma ProScene ZK750. MultiColor Laser (MCL) light source technology employs blue and red laser diodes to deliver rich colors and outstanding contrast while maintaining high brightness, making it ideal for large venues, auditoriums, museums, houses of worship and digital signage.

HDR10 and DCI-P3 wide color gamut ensure 100-percent coverage of REC.709 color space with accurate colors for stunning visuals. DuraCore technology ensures reliable, virtually maintenance-free operation with an IP6X-certified optical engine and up to 30,000 hours of laser light source life, providing lower total cost of ownership.

A variety of premium lens options, motorized lens-shift, zoom and focus with 360° and portrait operation ensure installation flexibility for virtually all needs. HDMI 2.0, DisplayPort 1.2a, HDBaseT and 3G-SDI inputs provide connectivity to high-quality 4K HDR digital sources while LAN and RS232 enable control via Crestron, Extron, AMX or Telnet.

CONNECTIVITY (May require optional accessories)

Computers

Smart Phones

Tablets

UHD Blu-ray Players

Camcorders

Apple TV®

Chromecast™

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OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single Texas Instruments 0.67" DMD UHD
Native Resolution	4K UHD (3840 x 2160)
Maximum Resolution	4K UHD (3840 x 2160, 60Hz)
Brightness	7,500 ANSI lumens (8,000 center lumens)
Contrast Ratio	300,000:1 Dynamic, 2,000,000:1 Extreme Black enabled
Light Source Life	20,000 hours (30,000 hours Eco mode)
Light Source Type*	Blue & red laser diodes
Projection Method	360°, front, rear, ceiling mount, table top
Keystone Correction	±20° vertical / horizontal
Geometry	Keystone, built-in warping, four-corner adjustment
Lens shift	±70° horizontal; ±30° vertical
Aspect Ratio	16:9 (native), 4:3, 16:10 and LBX compatible
Throw Ratio	0.85 – 10.18 (dependent on installed lens)
Projection Distance	5.7' – 370'
Image Size	50" – 500" (dependent on installed lens)
Projection Lens	Lens not included (dependent on installed lens) Available motorized lens options BX-CTA25: 0.85 – 1.02 BX-CTA26: 1.2 – 1.73 BX-CTA20: 1.70 – 2.12 BX-CTA21: 2.12 – 2.83 BX-CTA22: 2.83 – 5.66 BX-CTA23: 5.66 – 10.18
Optical Zoom	1.2x – 1.8x (dependent on installed lens)
Digital Zoom	0.8 – 2.0x
Noise Level	32 dB (Eco)
Remote Control	Full function wired remote
360° and Portrait Mode Operation	Yes
Operating Temperature	41 – 104°F (5 – 40°C), 85% max humidity
Power Supply	AC input 100 - 240V, 50 – 60 Hz, auto-switching
Power Consumption	710W±10% typical (Normal mode), 410W±15% typical (Eco mode)
High Altitude	Operating temperature at sea level up to 10,000 feet = 104° F (max); Must manually switch to high altitude mode from 5,000 feet and above (using OSD menu) to maintain optimal functionality

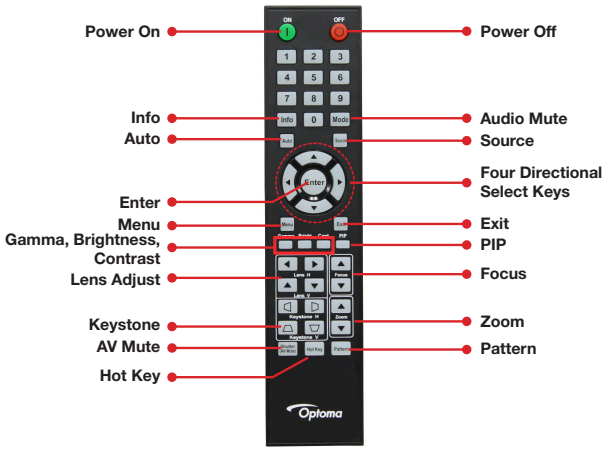
COMPATIBILITY SPECIFICATIONS

Computer Compatibility	VGA, SVGA, HDTV(720P), WXGA, WXGA+, SXGA, SXGA+, UXGA, HDTV(1080p), WUXGA, 4K UHD
Video Input Compatibility	PAL, SECAM, 576i/p, NTSC, 480i/p, HDTV 720p/1080i/1080p, 4K (3840x2160)
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). 3D glasses are needed and are sold separately. Refer to user manual for details.
Vertical Scan Rate	24 ~ 85 Hz (120Hz for 3D feature)
Horizontal Scan Rate	15.375 ~ 91.146 KHz
User Controls	Complete on-screen menu adjustment in 13 languages
I/O Connection Ports	2x HDMI 2.0 (HDCP 2.2), 1x DisplayPort 1.2a, 1x HDBaseT, 1x 3G-SDI, 1x HDMI, 1x 3G-SDI, 1x USB-A (for Wi-Fi adapter)(front)
Control	1x RS232C, 1x RJ45, 1x wired remote in, 1x wired remote out, 1x 3D sync in, 1x 3D sync out, 1x 12V trigger
Loop Through (Audio)	

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port, password (OSD)
Weight	72.75
Dimensions (W x H x D)	23.62" x 8.62" x 20.47" (w/o lens, w/o elevators)

1. RS232
2. Remote-In
3. HDMI-In1
4. HDMI-In2
5. HDMI-Out
6. 3D Sync-In
7. 3D Sync-Out
8. Display Port
9. RJ-45
10. 12V-Out
11. Remote-Out
12. HDBaseT
13. 3G-SDI-In
14. 3G-SDI-Out
15. Control panel
16. Lock
17. AC power
18. On off
19. T16A/250V fuse



Warranty

3 year or 20,000 hour light source warranty (whichever comes first), 3-year Optoma Express advance exchange warranty on the projector.

What's in the Box

ZK750, AC power cable, remote control, batteries, quick start guide, CD user manual, and VGA cable

Optional Accessories

Lens, USB Wi-Fi adapter

Accessory Part Numbers

Remote: BR-3074W
Lens:
BX-CTA25: 0.85 – 1.02
BX-CTA26: 1.2 – 1.73
BX-CTA20: 1.70 – 2.12
BX-CTA21: 2.12 – 2.83
BX-CTA22: 2.83 – 5.66
BX-CTA23: 5.66 – 10.18
Wi-Fi adapter: WUSB

UPC 796435 44 377 1

Light source life is dependent on brightness mode, display mode, usage, environmental conditions and more. Light source brightness can decrease over time.

Watching 3D projection while wearing 3D glasses for an extended period of time may cause headaches or fatigue. If you experience a headache, fatigue or dizziness, stop viewing the 3D projection and rest.

Portrait orientation must follow the recommended positions. Please consult the user manual for further information.

Optoma.com