

# 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

<b>Display Technology</b>	Single Texas Instruments 0.66" DMD UHD
<b>Native Resolution</b>	4K UHD (3840 x 2160)
<b>Maximum Resolution</b>	4K UHD (3840 x 2160, 60Hz)
<b>Brightness</b>	7,500 ANSI lumens (8,000 center lumens)
<b>Contrast Ratio</b>	300,000:1 Dynamic, 2,000,000:1 Extreme Black enabled
<b>Light Source Life</b>	30,000 hours
<b>Light Source Type*</b>	Blue & red laser diodes
<b>Projection Method</b>	360°, front, rear, ceiling mount, table top
<b>Keystone Correction</b>	±20° vertical / horizontal
<b>Geometry</b>	Keystone, built-in warping, four-corner adjustment
<b>Lens shift</b>	70% +/- 5% Vertical; 30% +/- 2% Horizontal
<b>Aspect Ratio</b>	16:9 (native), 4:3, 16:10 and LBX compatible
<b>Throw Ratio</b>	0.85 – 10.18 (dependent on installed lens)
<b>Projection Distance</b>	5.7' – 370'
<b>Image Size</b>	50" – 500" (dependent on installed lens)
<b>Projection Lens</b>	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
<b>Optical Zoom</b>	1.2x – 1.8x (dependent on installed lens)
<b>Digital Zoom</b>	0.8 – 2.0x
<b>Noise Level</b>	32 dB (Eco)
<b>Remote Control</b>	Full function wired remote
<b>360° and Portrait Mode Operation</b>	Yes
<b>Operating Temperature</b>	41 – 104°F (5 – 40°C), 85% max humidity
<b>Power Supply</b>	AC input 100 - 240V, 50 – 60 Hz, auto-switching
<b>Power Consumption</b>	710W±10% typical (Normal mode), 410W±15% typical (Eco mode)
<b>High Altitude</b>	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

<b>Computer Compatibility</b>	VGA, SVGA, HDTV(720P), WXGA, WXGA+, SXGA, SXGA+, UXGA, HDTV(1080p), WUXGA, 4K UHD
<b>Video Input Compatibility</b>	PAL, SECAM, 576i/p, NTSC, 480i/p, HDTV 720p/1080i/1080p, 4K (3840x2160)
<b>3D Compatibility†</b>	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.
<b>Vertical Scan Rate</b>	24 ~ 85 Hz (120Hz for 3D feature)
<b>Horizontal Scan Rate</b>	15.375 ~ 91.146 KHz
<b>User Controls</b>	Complete on-screen menu adjustment in 13 languages
<b>I/O Connection Ports</b>	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)
<b>Control</b>	1x RS232C, 1x RJ45, 1x wired remote in, 1x wired remote out, 1x 3D sync in, 1x 3D sync out, 1x 12V trigger
<b>Loop Through (Audio)</b>	

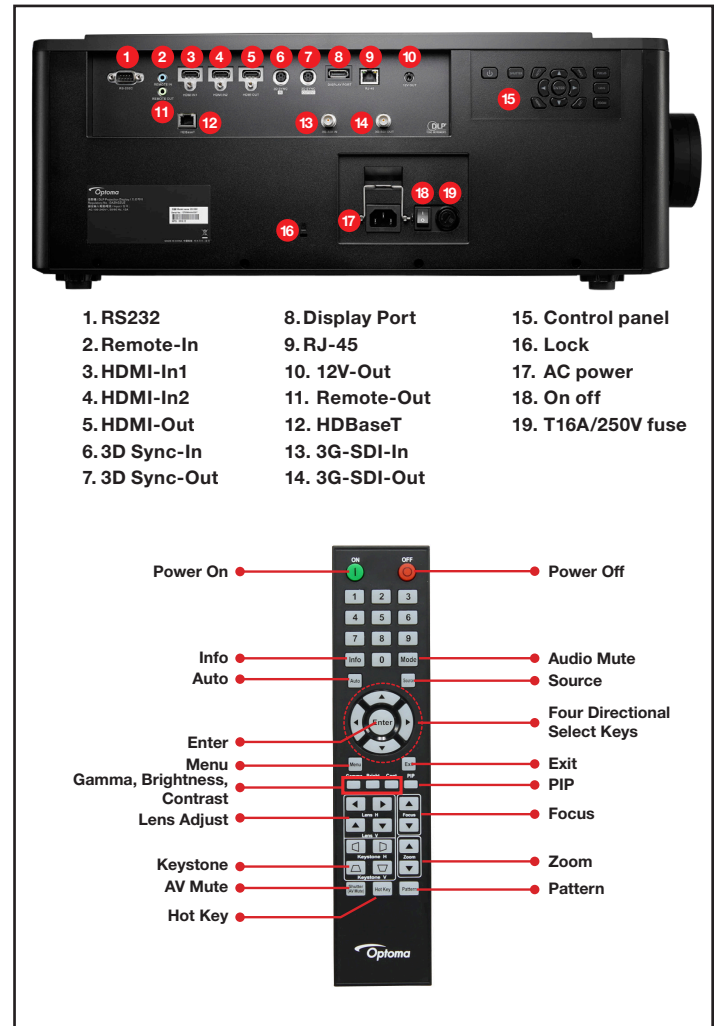
### PHYSICAL SPECIFICATIONS

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

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.



### 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

ZK750, AC power cable, remote control, batteries, quick start guide

### Accessories

Remote (replacement): 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

Ceiling mount: BM-9005U

Wi-Fi adapter: WUSB-PRO

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)

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