

# WUXGA PROFESSIONAL INSTALLATION LASER PHOSPHOR PROJECTOR ZU510T-W

## 5500 LUMENS WUXGA LASER PHOSPHOR PROJECTOR

## PRO | SCENE



- 4 corner correction for basic stacking
- 360° and portrait mode operation\*
- IP5X Light source life up to 20000 hrs, IP5X certified engine
- H/V lens shift and keystone
- Maintenance free - no filters needed
- Delivering superior color with DURACORE laser technology

WIDESCREEN  
**16:10**  
ENHANCED

THREE YEAR  
WARRANTY  
OPTOMA EXPRESS

**HDMI**<sup>™</sup>  
HIGH DEFINITION MULTIMEDIA INTERFACE

**MHL**

**PJLink**<sup>™</sup>

DEVICE  
**LINK**  
DISCOVER

**DURACORE**  
**LASER**

**RoomView**  
connected



The ZU510T-W is a ProAV projector offering bright and vivid image quality, advanced optical components, and a low-weight, compact size. Combined with DURACORE laser light source and IP5X-certified dust resistance rating for its optical engine, it is reliable, cost-efficient and low maintenance, with no need for lamp and filter changes. It provides up to 20,000 hours of light source operation and is perfect for boardroom, higher education, houses of worship, and small entertainment venue use.

The ZU510T-W's 5500 lumens create vibrant, detailed images, filling a significant need in the mid-range ProAV category. Developed for maximum flexibility, this solid state laser projector includes a fixed lens with Horizontal and Vertical lens shift, offering a unique 1.2-2.13 throw ratio and a digital zoom ratio of 1.8x, enabling it to cover a range of interchangeable lens capabilities and eliminating the need to change lenses or buy additional ones.

The ZU510T-W streamlines integration with two built-in 10W speakers and a variety of inputs, including three HDMI ports, 2x built in MHL. This fixed install projector is a reliable, flexible and cost-efficient option for boardrooms, university auditoriums, museums and other mid-sized venues.

## PROFESSIONAL INSTALLATION LASER PROJECTOR

### OPTICAL/TECHNICAL SPECIFICATIONS

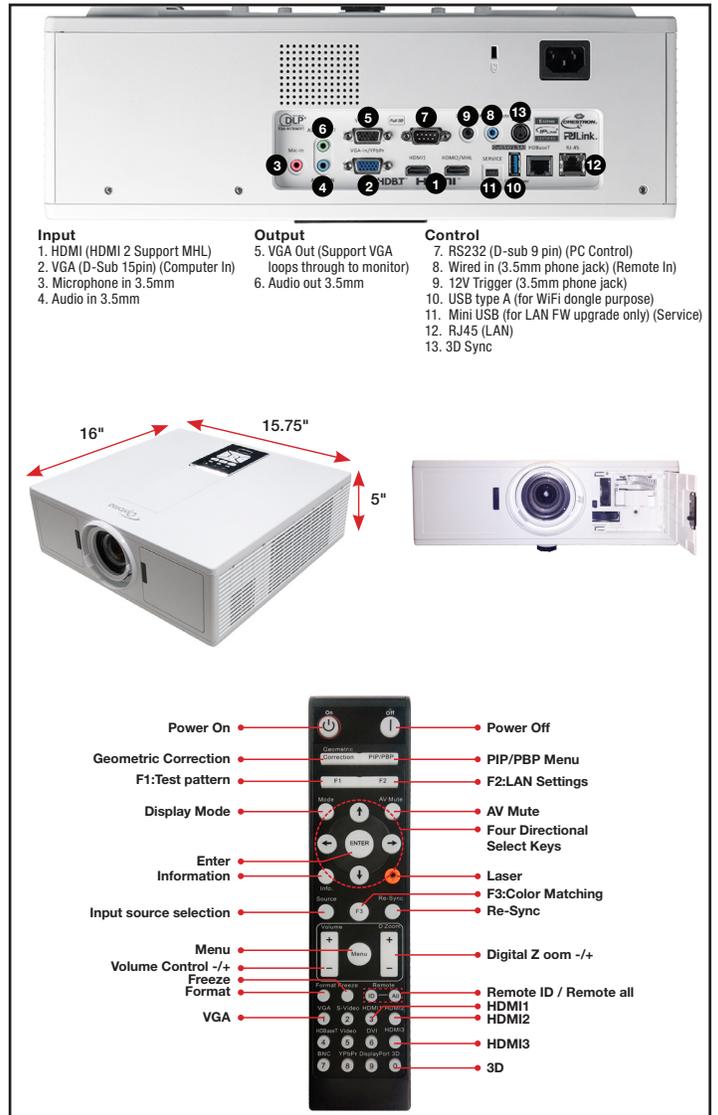
<b>Display Technology</b>	Single DMD, 0.67" WUXGA DMD, DC3 DLP® Technology by Texas Instruments™
<b>Color Wheel</b>	4 Segment RYGB, (B60 Filter Diameter 67mm)
<b>Native Resolution</b>	WUXGA (1920x1200)
<b>Maximum Resolution</b>	WUXGA (1920x1200)
<b>Brightness</b>	5,500 center 5,300 ANSI Lumens
<b>Contrast Ratio</b>	300,000:1 (ExtremeBlack enabled) 1,800:1 Full on/Full Off
<b>Displayable Colors</b>	Graphic 10 bits, 1073.4 Million colors
<b>Light source life up to</b>	Up to 20,000 hours
<b>360 Degree &amp; Portrait Mode</b>	Yes
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	±30° Vertical and Horizontal
<b>Geometry</b>	4 corner adjustment
<b>Uniformity</b>	85%
<b>Aspect Ratio</b>	16:10 (native), 16:9, 4:3, Auto
<b>Throw Ratio</b>	1.2 ~ 2.13
<b>Projection Distance</b>	1.3m / 4.3ft - 7.8m / 25.5ft
<b>Image Size</b>	27.9" ~ 301.8"
<b>Lens Shift</b>	Horizontal 10%, Vertical +20%
<b>Projection Lens</b>	1.8x zoom
<b>Audio</b>	10W Stereo
<b>Noise (Normal/Eco dB)</b>	35dB Typical (480W) 29dB Eco (320W)
<b>Remote Control</b>	IR and wired remote
<b>Operating Room Temperature</b>	Operating: 41 ~ 104 °F
<b>Power Supply</b>	AC input 90 ~ 264V, 50-60 Hz, with PFC input
<b>Power Consumption</b>	480W +/- 15% Max (Bright), 320W +/-15% Max (ECO)
<b>High Altitude</b>	Operating temperature 0 ft ~ 10000 ft at 5 ~ 40°C (41 ~ 104 °F)
<b>Light source type*</b>	Laser Phosphor

### COMPATIBILITY SPECIFICATIONS

<b>Computer Compatibility</b>	UXGA, SXGA, XGA, SVGA, VGA, WXGA, WUXGA, Mac
<b>Video Compatibility</b>	SDTV / HDTV
<b>3D Compatibility†</b>	Full 3D 1920 x 1080p @24Hz
<b>Vertical Scan Rate</b>	24-85Hz
<b>Horizontal Scan Rate</b>	15.375-91.146KHz
<b>User Controls</b>	LAN, RS232, IR individually
<b>I/O Connection Ports</b>	<b>Input:</b> 2 x HDMI (HDMI 2 Support MHL) 1 x VGA (D-Sub 15pin) (Computer In) 1 x Microphone in 3.5mm 1x Audio in 3.5mm <b>Output:</b> 1x VGA Out (Support VGA loops through to monitor) (Monitor Out) 1 x Audio out 3.5mm <b>Control:</b> 1 x RS232 (D-sub 9 pin) (PC Control) 1 x Wired in (3.5mm phone jack) (Remote In) 1 x 12V Trigger (3.5mm phone jack) 1 x USB type A (for WiFi dongle purpose) 1 x Mini USB (for LAN FW upgrade only) 1 x IR Receiver (On the Front side and Top side) 1 x RJ45 (LAN)
<b>Loop Through (Audio)</b>	Yes

### PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® lock port
<b>Weight</b>	24.2 lb
<b>Dimensions (W x H x D) (Without feet)</b>	15.75" x 5" x 16"



- |                                    |   |  |
|------------------------------------|---|--|
| <b>Input</b>                       | <b>Output</b>                                     | <b>Control</b>                                   |
| 1. HDMI (HDMI 2 Support MHL)       | 5. VGA Out (Support VGA loops through to monitor) | 7. RS232 (D-sub 9 pin) (PC Control)              |
| 2. VGA (D-Sub 15pin) (Computer In) | 6. Audio out 3.5mm                                | 8. Wired in (3.5mm phone jack) (Remote In)       |
| 3. Microphone in 3.5mm             |   | 9. 12V Trigger (3.5mm phone jack)                |
| 4. Audio in 3.5mm                  |   | 10. USB type A (for WiFi dongle purpose)         |
|                                    |   | 11. Mini USB (for LAN FW upgrade only) (Service) |
|                                    |   | 12. RJ45 (LAN)                                   |
|                                    |   | 13. 3D Sync                                      |

\* Buttons without description are not applicable to this model.

### Warranty

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

### In the Box (Standard Accessories)

ZU510T-W projector, AC power cord, VGA cable, remote control, batteries, multilingual CD-ROM user's manual, basic user manual, warranty card, USB to Micro USB cable

### Optional Accessories

Universal ceiling mount, Optoma screen, wireless HDMI system, HDCast PRO - BLACK.

### Accessory Part Numbers

Universal ceiling mount: BM-9004U. Wireless HDMI system: WHD200, HDCast PRO - BLACK, Remote: BR-3075W

UPC 796435 44 030 5

\*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

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

\*Portrait orientation must follow the recommended positions, for further information please consult with the User Manual.

www.OptomaUSA.com

Copyright © 2016 Optoma Technology, Inc. DLP® and the DLP logo are registered trademarks of Texas Instruments™. All other trademarks are the property of their respective owners. All specifications subject to change at any time.