

# ULTRA SHORT THROW MULTIMEDIA LASER PHOSPHOR PROJECTOR

## ZW300UST

### Brilliant laser projection for rooms of any size



- 3200 lumens and 22,000:1 Contrast Ratio produce bright, striking imagery along with razor sharp text
- PC Free USB Media Player supports playback of video and audio files along with shared images and presentations
- Extensive I/O Connectivity with Dual HDMI featuring MHL, VGA-In, RJ-45, 2x Audio-In and USB Power
- Powerful 10-Watt speakers enhance presentations and fill every room with crisp audio
- Laser Phosphor Light Source provides 20,000+ hours of light source expectancy
- HDMI MHL port supports popular HDMI dongles including Optoma's HDCast Pro, Chromecast, FireTV & more



Equipped with state-of-the-art laser phosphor display technology, the Optoma ZW300UST showcases superior picture quality and enhanced color performance to provide unsurpassed imagery in spaces large and small. Producing rich colors and deep black levels that outperform traditional lamp-based projectors, the ZW300UST's solid-state laser light source provides 20,000+ hours of virtually maintenance-free operation.

With a throw ratio of .27, the WXGA ZW300UST can display a large 115" image from only 19" away, making it ideal for use in space-constrained environments including small classrooms, meeting rooms, boardrooms and digital signage applications. Allowing for presentations to transition from external sources seamlessly, the ZW300UST's PC Free USB Media Player supports playback of video and audio files along with images and presentations shared directly from any USB device.

Featuring a powerful 10-watt speaker, the ZW300UST enhances presentations, videos and audio files by delivering crisp, robust audio. In addition, streaming and presenting is made easy with an MHL-powered HDMI port that supports popular dongles including Optoma's HDCast Pro and Amazon's FireTV. The USB port can also be used to power Optoma's WHD200 Wireless HDMI system or Google's Chromecast media dongle.

### CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



3D Blu-ray/DVD Players



Camcorders



Apple TV®



Chromecast™

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## OPTICAL/TECHNICAL SPECIFICATIONS

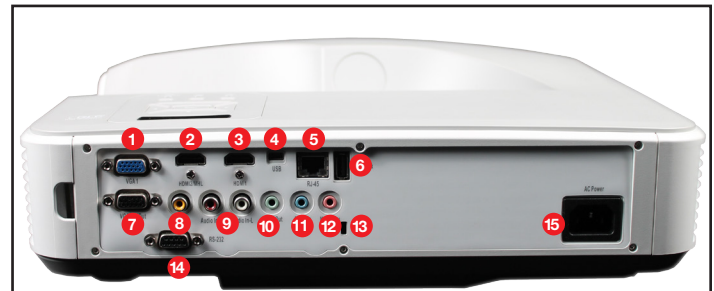
<b>Display Technology</b>	Single Texas Instrument DMD, 12 degree .65" DMD X1, Type S600, DC3
<b>Native Resolution</b>	WXGA 1280x800
<b>Maximum Resolution</b>	WUXGA 1920x1200
<b>Brightness</b>	3200 Lumens
<b>Contrast Ratio</b>	22,000:1
<b>Displayable Colors</b>	1.07 Billion
<b>Light Source Life and Type*</b>	Up to 20,000 hrs - Laser Phosphor
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	±40° Vertical
<b>Uniformity</b>	80%
<b>Offset</b>	120% ±3%
<b>Aspect Ratio</b>	16:10 (native), 16:9, 4:3, Auto
<b>Throw Ratio</b>	0.27:1
<b>Projection Distance</b>	19.4"– 27"
<b>Image Size</b>	85" - 115"
<b>Projection Lens</b>	F=2.5~ 3.26, f=20.91 ~ 32.62 mm manual focus
<b>Digital Zoom</b>	0.8 to 2.0
<b>Audio</b>	10 Watt Speaker
<b>Noise Level</b>	32dB
<b>Remote Control</b>	Full Function Remote
<b>Operating Temperature</b>	41–104°F (5–40°C), 85% max humidity
<b>Power Supply</b>	AC input 90 – 264V, 50–60 Hz
<b>Power Consumption</b>	335W (Bright), 225W (ECO)
<b>High Altitude</b>	Operating Temp @ Sea Level to 10000 feet = 23C (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

## COMPATIBILITY SPECIFICATIONS

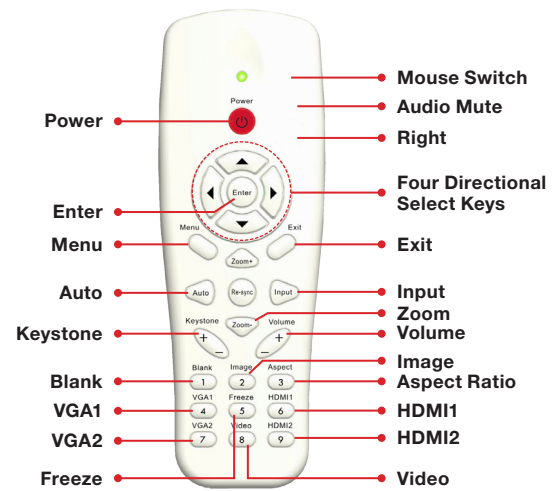
<b>PC Free USB Media Player and Office Document Viewer</b>	Supports playback of video files, audio files, and viewing of Office Documents and PDF files via USB 2.0 and USB 3.0 Flash Disks and Drives
<b>PC Free USB Media Player Video Codecs and Containers</b>	H.264, H.263, VC-1, MPEG-1/2/4, DIVX-3/4/5/6, XVID, WMV7/8, VP8, VP6, AVS, MKV
<b>PC Free USB Media Player Audio Codecs and Containers</b>	MP3, WMA, OGG, FLAC, APE, ATRA
<b>PC Free USB Media Player Image formats</b>	JPEG, GIF, BMP
<b>PC Free Office Document and PDF Viewer formats</b>	Word Documents (.doc, .docx), Excel Spreadsheets (.xls, .xlsx), PowerPoint Presentations (.ppt, .pptx), Adobe Acrobat files (.pdf)
<b>Computer Compatibility</b>	SVGA, VGA, SXGA, UXGA, XGA, WXGA, HD, Mac
<b>Video Input Compatibility</b>	NTSC, PAL, SECAM, SDTV 480i/p, 576i/p, HDTV 720p(50/60Hz), 1080i(50/60Hz), 1080P(50/60Hz)
<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 18 languages
<b>I/O Connection Ports</b>	2xHDMI with MHL, VGA-In, VGA-Out, Video in 2xAudio in (3.5mm/RCA audio), Mic-In (3.5mm), VGA Out, Audio out (3.5mm), RS232, USB-A (Power), USB-B (Service), RJ45 (LAN)
<b>Loop Through (Audio)</b>	Yes

## PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® Lock Port, security bar and keypad lock
<b>Weight</b>	12.3lbs
<b>Dimensions (W x H x D)</b>	15" x 5" x 12.5"



- |               |                |              |
|---------------|----------------|--------------|
| 1. VGA 1      | 6. USB Disk    | 11. Audio In |
| 2. HDMI-2/MHL | 7. VGA2 in/out | 12. Mic      |
| 3. HDMI-1     | 8. Video       | 13. K-slot   |
| 4. USB        | 9. RCA in L/R  | 14. RS-232   |
| 5. RJ-45      | 10. Audio Out  | 15. AC Power |



### Warranty

5 year or 20,000 Hour Light Source Warranty (whichever comes first) /3-year Optoma Express Advance Exchange Warranty

### What's in the Box

ZW300UST, AC power cord, VGA to VGA cable, remote control, batteries for remote, multilingual CD-ROM user's manual, quick start card, and warranty card

### Optional Accessories

Universal ceiling mount, DLP@Link™ 3D glasses, Wireless HDMI system, Remote

### Accessory Part Numbers

Remote: BR-3080N  
Ceiling mount: OWM3000, OWM2100  
DLP@Link™ 3D glasses: ZD302  
Wireless HDMI system: WHD200

UPC 796435 44 089 3

\*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 [www.OptomaUSA.com](http://www.OptomaUSA.com) for more information.

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