

# W309ST

## WXGA Short Throw Projector



### Features

- **Bright 3,800 ANSI lumens and WXGA resolution**
- **Up to 15,000 hour lamp life**
- **Short throw 0.52:1 throw ratio**
- **Extensive connectivity with HDMI, VGA and composite**
- **Powerful 10W speaker for crisp dialogue**

### Bright WXGA short throw projection

Impress your audience with stunning visuals using the 3,800 lumens, WXGA Optoma W309ST short throw projector. The 0.52:1 short throw ratio, brightness and 25,000:1 contrast ratio enables 100-inch projections from several feet away, making it ideal for classrooms, small conference rooms and other space-constrained environments.

Robust inputs include HDMI, VGA and composite for connectivity to a wide range of digital and legacy devices. Energy saving features and a long lamp life, up to 15,000 hours, provide many years of use with minimal maintenance for low total cost of ownership.



# W309ST



## TECHNICAL SPECIFICATIONS

<b>Aspect Ratio</b>	16:10 (native), 16:9 and 4:3 compatible
<b>Audio</b>	10W speaker
<b>Brightness</b>	3,800 ANSI lumens
<b>Color Wheel</b>	RYGCWB
<b>Connections</b>	1 x HDMI (1.4a), 1 x VGA (YPbPr/RGB), 1 x composite, 1x audio (3.5mm) in, 1 x VGA out, 1 x audio (3.5mm) out, 1 x USB power (1A)
<b>Contrast Ratio</b>	25,000:1
<b>Control Unit</b>	RS-232C
<b>Display Technology</b>	Texas Instruments 0.65" WXGA DMD
<b>Displayable Colors</b>	1.07 billion
<b>Geometry</b>	Vertical keystone
<b>Image Size</b>	35.64" - 302.98"
<b>Keystone Correction</b>	± 40° Vertical
<b>Light Source Life</b>	Up to 15,000/12,000/10,000/6,000 (Eco+/Dynamic/Eco/Bright)
<b>Light Source Type</b>	203W Lamp
<b>Maximum Resolution</b>	WUXGA (1920 x 1200)
<b>Native Resolution</b>	WXGA (1280 x 800)
<b>Noise Level</b>	26dB (typical), 28dB (max)
<b>Offset</b>	112%
<b>Operating Temperature</b>	41-104°F (5-40°C), 85% max humidity
<b>Power Consumption</b>	225W (Bright), 187W (Eco)
<b>Power Supply</b>	AC input 100-240V, 50-60Hz, auto-switching
<b>Projection Distance</b>	1.31' - 11.15'
<b>Projection Lens</b>	F=2.8, f=7.51mm
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Remote Control</b>	IR remote control

<b>Throw Ratio</b>	0.52:1
<b>Zoom Type</b>	0.8 - 2.0x digital, Fixed optical

## COMPATIBILITY SPECIFICATIONS

<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. 3D glasses are needed and are sold separately.
<b>Computer Compatibility</b>	VGA, SVGA, HDTV(720P), WXGA, WXGA+, SXGA, SXGA+, UXGA, HDTV(1080p), WUXGA
<b>Horizontal Scan Rate</b>	15.375-91.146 KHz
<b>Vertical Scan Rate</b>	50-85 Hz (120Hz for 3D feature projector)
<b>Video Compatibility</b>	PAL, SECAM, 576i/p, NTSC, 480i/p, HDTV 720p/1080i/1080p

## PHYSICAL SPECIFICATIONS

<b>Dimensions</b>	12.44" x 4.25" x 9.61"
<b>Security</b>	Kensington® lock port
<b>Weight</b>	6.61 lbs.

## Other

<b>What's in the Box?</b>	W309ST, AC power cord, remote control, battery (for remote), quick start guide
<b>Accessories Part Numbers</b>	BL-FP195E, Mounting Plate: BM-4002p, Remote (replacement): BR-3079N, Universal wall mount: OWM3000ST
<b>UPC</b>	796435 44 502 7
<b>Warranty Info</b>	1 Year limited parts and labor warranty on the projector, 90 days lamp warranty

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

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

**Optoma.com**

Copyright © 2021 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.

Published on 01/11/21