W318ST
WXGA Short Throw Projector for Small Spaces

Features

• Bright 3,500 ANSI lumens and WXGA resolution
• Up to 10,000 hour lamp life
• Short throw 0.52:1 throw ratio
• Extensive connectivity with HDMI, VGA and composite

Bright projection with remarkable color accuracy

Enhance small spaces with 3,500 lumen and WXGA projection using the Optoma W318ST. Its short throw ratio, brightness and 20,000:1 contrast ratio make it ideal for simulators, education, small conference rooms and other space-constrained environments.

The 0.52:1 short throw ratio projects large, 80-inch images from several feet away. Full 3D support enhances realism for stunning, life-like immersion.

Robust inputs include HDMI, VGA and composite for connectivity to a wide range of digital and legacy devices. A lamp life up to 10,000 hours enable many years of use with minimal maintenance.
TECHNICAL SPECIFICATIONS

Aspect Ratio 16:10 (native), 16:9, 4:3, LBX and auto compatible

Audio 10W speaker

Brightness 3,500 ANSI lumens

Color Wheel RYGCWB

Connections 1x HDMI, 1x HDMI(MHL), 2x VGA, 1 x VGA out, 1x composite, 1x USB, 1x audio in, 1x audio out, 1x Mic in, 1x RS232, 1x RJ45

Contrast Ratio 20,000:1

Display Technology Texas Instruments 0.65" WXGA DMD

Displayable Colors 1.07 Billion

Geometry Vertical keystone

Image Size 35.64" – 302.98"

Inputs 1x HDMI, 1x HDMI(MHL), 2x VGA, 1x composite, 1x USB, 1x audio in, 1x Mic in

Keystone Correction ±20° Vertical

Light Source Life Up to 10,000/10,000/6000 (Dynamic/Eco/Bright)

Light Source Type 203W Lamp

Maximum Resolution WUXGA (1920 x 1200)

Native Resolution WXGA (1280 x 800)

Noise Level 28dB (Eco)

Offset 115% ±5%

Operating Temperature 41-104°F (5-40°C), 85% max humidity

Outputs 1x VGA out, 1x audio out

Power Consumption 243W typical (Bright), 267W max (Bright), 237W typical (Eco), 261W max (Eco)

Power Supply AC input 100–240V, 50-60Hz, auto-switching

Projection Distance 1.31’ – 11.15’

Projection Lens F=2.8, f=7.51mm

Projection Method Front, rear, ceiling mount, table top

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. 3D glasses are needed and are sold separately.

Computer Compatibility VGA, SVGA, HDTV(720P), WXGA, WXGA+, SXGA, SXGA+, UXGA, HDTV(1080p), WUXGA

Connections 1x HDMI, 1x HDMI(MHL), 2x VGA, 1 x VGA out, 1x composite, 1x USB, 1x audio in, 1x audio out, 1x Mic in, 1x RS232, 1x RJ45

Horizontal Scan Rate 15.375-91.146 KHz

Vertical Scan Rate 50-85 Hz (120Hz for 3D feature projector)

Video Compatibility PAL, SECAM, 576i/p, NTSC, 480i/p, HDTV 720p/1080i/1080p

PHYSICAL SPECIFICATIONS

Dimensions 12.44” x 4.27” x 9.56”

Security Kensington® lock port

Weight 6.7 lbs.

Other


UPC 796435 44 273 6

Warranty Info 3-year limited parts and labor, 1-year on lamp

* 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.

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