

Ultra Short Throw 1080p Laser Home Entertainment Projector

HZ48UST



Cinematic entertainment from only a foot away



- Exceptional 4,500 lumens and 3,000,000:1 contrast ratio for bright and sharp images
- Dependable laser light source with up to 30,000 hours of maintenance-free life
- Easy place and play large screen entertainment experience from a foot away
- Stunning 1080p image with HDMI and VGA inputs
- Four corner geometric correction provides flexible image adjustments
- Powerful 10-watt speaker produces crisp dialogue for movie and game nights
- LAN and RS-232C control ready for easy home automation integration



Transform any space into a cinematic entertainment experience with the 4,500 lumens, 1080p Optoma HZ48UST ultra short throw projector. Simply place the compact and portable projector, connect a game console or media streamer device, and instantly produce a 100-inch image from only a foot away for the ultimate immersive entertainment experience.

The laser light source technology ensures up to 30,000 hours of dependable and virtually maintenance-free operation with stunning color and image quality throughout the life of the projector. Horizontal, vertical keystone and four corner correction provides flexible adjustments to project on any surface while the integrated 10-watt speaker provides crisp dialogue for movies and gaming.

CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



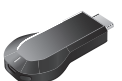
3D Blu-ray/DVD Players



Camcorders



Apple TV®



Chromecast™

Ultra short throw 1080p laser home entertainment projector

OPTICAL/TECHNICAL SPECIFICATIONS

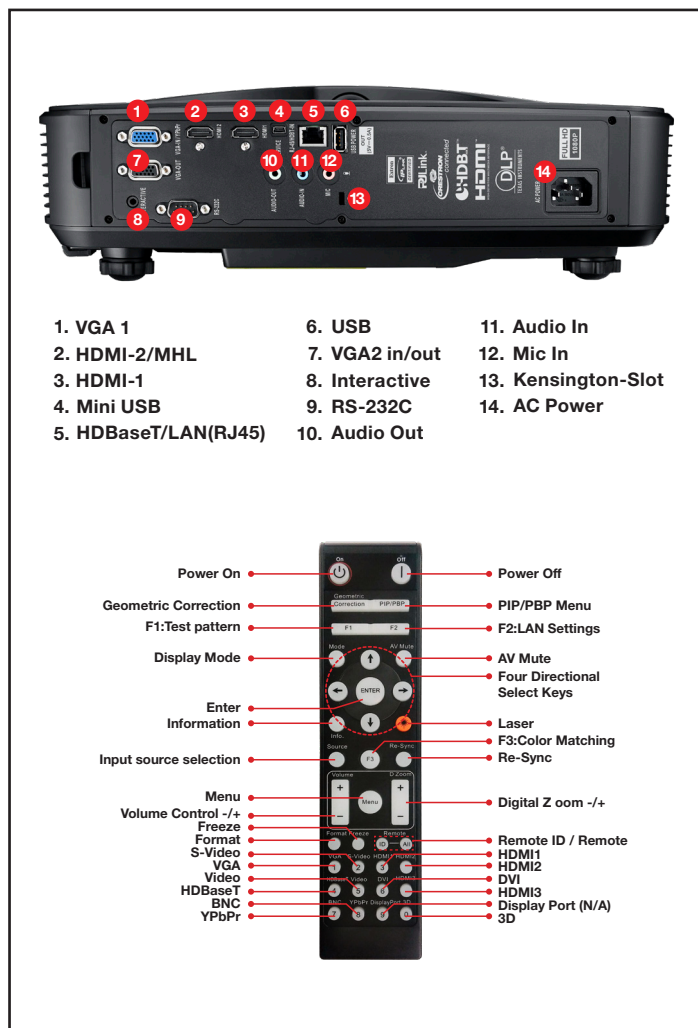
Display Technology	Single Texas Instruments 0.65" 1080p DLP chip
Color Wheel	RGBY
Native Resolution	1080p (1920 x 1080)
Maximum Resolution	WUXGA (1920 x 1200)
Brightness	4,500 ANSI lumens
Contrast Ratio	3,000,000:1 (Dynamic Black enabled)
Displayable Colors	1.07 billion
Lamp Life and Type*	Up to 30,000 hours (Eco), 20,000 hrs (Bright)
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±30° vertical & horizontal, four corner correction
Expert Image Adjustments	17x17 image warping adjustments
Uniformity	85%
Offset	120%±5%
Aspect Ratio	16:9 (native) and 4:3 compatible
Throw Ratio	0.25:1 (with tolerance +/- 5%)
Projection Distance	9.2" - 12.4" (233-316mm)
Image Size	87" ~ 102"
Projection Lens	f/2.4
Optical Zoom	Fixed lens
Digital Zoom	Yes
Audio	10W
Noise Level	32dB (Eco)
Remote Control	Full size remote
Operating Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC input 90 – 264V, 50–60 Hz
Power Consumption	Full : 350W±15% ECO : 245W±15%
High Altitude	Operating temperature at sea level up to 10000 feet = 73F (max); Must manually switch to high altitude mode from 5000 feet and above (using OSD menu) to maintain optimal functionality

COMPATIBILITY SPECIFICATIONS

Computer Compatibility	SVGA, VGA, SXGA, UXGA, XGA, WXGA, HD, Mac
Video Input Compatibility	NTSC, PAL, SECAM, SDTV 480i/p, 576i/p, HDTV 720p(50/60Hz), 1080i(50/60Hz), 1080P(50/60Hz)
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 (i.e. 60 or 72 frames per eye). 3D glasses are sold separately. Please refer to user manual for details.
Vertical Scan Rate	24 ~ 85 Hz (120Hz for 3D feature)
Horizontal Scan Rate	15.375 ~ 91.146 KHz
User Controls	Complete on-screen menu adjustment in 18 languages
I/O Connection Ports	2xHDMI, HDBaseT (shared with LAN), VGA in, VGA out, audio-In (3.5 mm), Mic-in (3.5 mm), audio-out (3.5mm), RS-232C, LAN (shared with HDBaseT), mini-USB (service), USB power
Loop Through (Audio)	Yes

PHYSICAL SPECIFICATIONS

Security	Kensington® Lock port, security bar and keypad lock
Weight	12.5lbs
Dimensions (W x H x D)	15"x4"x11.5"



Warranty

1 Year parts and labor limited warranty on the projector, 5-year or 12,000 hour light source warranty (whichever comes first)

What's in the Box

HZ48UST, AC power cord, remote control, batteries for remote, quick start user manual

Accessories

Remote (replacement): BR-3075W
 Universal Wall Mount: OWM3000
 Mounting Plate: BM-4003p
 4K UHD Casting and mirroring adapter: UHDCast Pro

UPC 796435814069

The HZ48UST features an integrated camera that is utilized ONLY in specific interactive installation scenarios by professional dealers and integrators. The camera is NEVER utilized under consumer use cases (gaming, movie viewing, TV viewing, PC/Mac use, etc.) and the camera cannot, under any scenario, capture images displayed by projector or the surrounding environment.

*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. DLP link 3D glasses sold separately. Please visit Optoma.com/us for more information.



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