

Bright short throw 1080p projection

EH460ST



Wireless presentation and multimedia



Project an extraordinary 152-inch 1080p image from 5.5-feet away with a 0.5 throw ratio, 4,200 lumens and 20,000:1 contrast ratio



Extensive I/O support with 2xHDMI (with MHL), VGA-in, VGA-out, Audio-in, Audio-out, RJ-45, USB reader, RS-232C



PC-free presentations and images; included USB Wi-Fi adapter, HD-Cast Pro wireless presentations and images from PC, Mac, Android, and iOS



Powerful 10 watt speaker enhances presentations and audio/video with crisp and clear sound



USB display mode enables instant screen mirroring when connecting iOS and Android devices



The Optoma EH460ST is the ultimate short throw 1080p projector for classrooms, corporate boardrooms and multi-purpose offices. Its 0.5 throw ratio, bright 4,200 lumens and 20,000:1 contrast ratio produce incredibly vivid, sharp and large 152-inch images from 5.5-feet away that's visible practically any time of the day. Support for sRGB and REC.709 color profiles ensures accurate color reproduction whether the source is PC, Mac or video devices.

Integrated file viewing capabilities lets the Optoma EH460ST quickly display office documents, PDFs, images and presentations directly from USB storage devices. HD-Cast Pro features provide wireless screen mirroring capabilities for Android, iOS, Mac OS and Windows devices. USB display mode support lets Android and iOS devices connect directly via USB for wired screen mirroring, too.

A 10 watt internal speaker fills the room with loud and crisp audio that enhances media content and presentations. Robust input options include 2 HDMI, VGA-in, VGA-out and RJ-45 for connectivity to a wide range of devices. A 15,000-hour lamp life enables many years of use with minimal maintenance.

CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



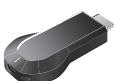
3D Blu-ray/DVD Players



Camcorders



Apple TV®



Chromecast™

BRIGHT SHORT THROW 1080P PROJECTION— EH460ST

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.65" DMD S600, DC3 chip DLP® Technology by Texas Instruments
Color Wheel	RYGBW
Native Resolution	1080p (1920x1080)
Maximum Resolution	WUXGA (1920x1200)
Brightness	4,200 ANSI lumens
Contrast Ratio	20,000:1
Displayable Colors	1.07 billion
Lamp Life and Type*	4500/3500/2500 (EDU/ECO/Bright) - 285W
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	± 30° vertical / ± 25° horizontal
Keystone Distortion	±0.5% max
Uniformity	75%
Offset	115.3%±5%
Aspect Ratio	16:9 (native), 16:10, 4:3 and LBX compatible
Throw Ratio	0.5 (±5% with no optical zoom)
Projection Distance	2.48' - 5.5'
Image Size	59.6" - 152.7"
Projection Lens	F=2.87, f=7.28mm
Digital Zoom	0.8 - 2.0
Audio	10W
Noise Level	31dB/37dB (ECO/Bright)
Remote Control	Full size remote
Operating Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC input 100–240V, 50–60Hz, auto-switching
Power Consumption	370W typical (Bright mode), 390W max (Bright mode), 300W typical (Eco+ mode), 320W max (Eco+ mode)
High Altitude	Operating temp @ sea level up to 10000 feet = 23F (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

COMPATIBILITY SPECIFICATIONS

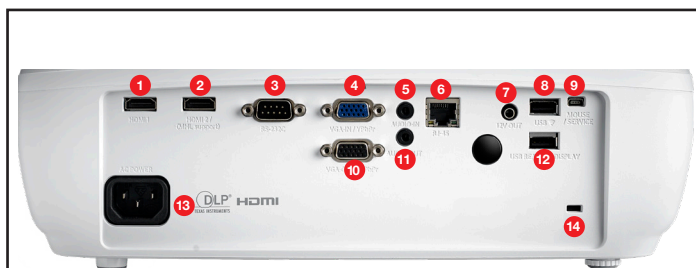
Wireless Screen Mirror	Mirror screen on PC, Mac and Android using HDcast Pro app
USB Display	Mirror screen of Android and iOS device via USB
PC-free USB Media Player and Office Document Viewer	Supports viewing of office documents, PDF files and images via USB storage devices
PC-free USB Media Player Image formats	JPEG, GIF, BMP
Computer Compatibility	FHD, HD, WXGA, UXGA, SXGA, XGA, SVGA, VGA, Mac
Video Input Compatibility	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)
3D Compatibility†	Side-by-side: 1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-under: 1080p24, 720p50 / 60
Vertical Scan Rate	15 - 91kHz
Horizontal Scan Rate	25 - 85Hz (120Hz for 3D)
User Controls	Complete on-screen menu adjustment in 26 languages
I/O Connection Ports	2xHDMI (with MHL), VGA-In, VGA-out, audio-in (3.5mm), audio-out (3.5mm), RJ-45, 1x USB (Wi-Fi adapter), 1x USB (USB reader and USB power) USB-B mini (service), 12V trigger (3.5mm), RS-232C
Loop Through (Audio)	Yes

PHYSICAL SPECIFICATIONS

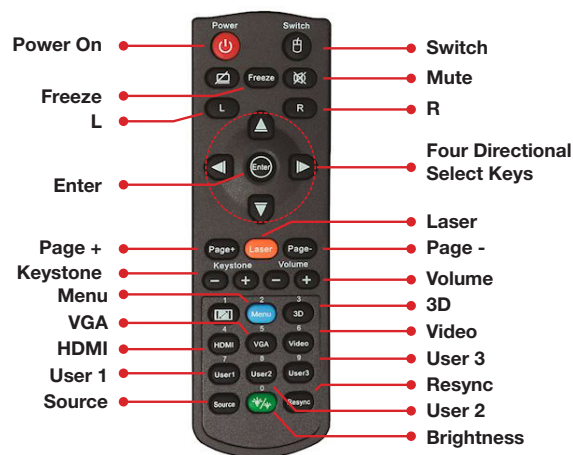
Security	Security bar, Kensington lock, password protection
Weight	6.75 lbs.
Dimensions (W x H x D)	12.20" x 8.66" x 3.93"

*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 for more information.



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|-------------------|----------------------|------------------------|
| 1. HDMI1-In | 6. RJ-45 | 11. Audio-Out |
| 2. HDMI2-In (MHL) | 7. 12V-Out | 12. USB Reader/Display |
| 3. RS-232C | 8. USB Wi-Fi Adapter | 13. AC Power |
| 4. VGA-In/YPbPr | 9. Mouse service | 14. Kensington™ Lock |
| 5. Audio-In | 10. VGA-Out/YPbPr | |



Warranty

3-year Optoma Express Service, 1-year on lamp

What's in the Box

EH460ST projector, AC power cord, remote control, USB Wi-Fi adapter, carrying case, batteries for remote, multilingual CD-ROM user's manual, quick start card, and warranty card

Optional Accessories

Universal ceiling mount, DLP@Link™ 3D glasses, lamp, remote, WUSB (Wi-Fi adapter replacement)

Accessory Part Numbers

Lamp: BL-FP285A
Wi-Fi adapter: WUSB
Remote: BR-5011L
DLP@ Link™ 3D glasses: ZD302
Universal ceiling mount: OCM818W-RU
Universal ceiling mount: BM-5001U
Universal ceiling mount (with extensional pole): OCM815W
Single-Cat6 HDBaseT kit: EVBM-M110
Carrying case: SP.8VH03GC01

UPC 796435 44 106 7

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