The Optoma EH505 was designed to deliver extraordinary performance and superior reliability to satisfy your large venue projector install needs. Its powerful 5000 lumens bright output combined with a remarkable 2,000:1 contrast ratio deliver amazingly bright, color-rich presentations with sharp, clear text and graphics.

The Optoma EH505 features one of the most comprehensive input panels and most advanced feature set in its class to ensure the projector will satisfy your current and future needs: HDMI, display port and DVI for digital connectivity, 2x VGA inputs and one VGA out for analog content, vertical and horizontal lens shift, discrete audio inputs, 12 volt trigger for maximum installation convenience. Just a few of the many outstanding features on this remarkable product.
MULTIMEDIA PROJECTOR — EH505

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology
- Single 0.65” DarkChip3™ DLP® Technology by Texas Instruments™

Native Resolution
- WUXGA (1920 x 1200)

Maximum Resolution
- WUXGA (1920 x 1200)

Brightness (Typical)
- 5000 lumens

Contrast Ratio
- 2,000:1 (full on/full off)

Displayable Colors
- 1.07 Billion

Lamp Life* and Type
- 3500/1500 Hours (STD/bright), 370W P-VIP

Projection Method
- Front, rear, ceiling mount, table top

Keystone Correction
- ±15° Vertical

Uniformity
- 85%

Aspect Ratio
- 16:10 Native, 4:3 and 16:9 compatible

Lens Shift (Telecentric)
- Horizontal: ±10% of fset
- Vertical: -30~110% offset

Audio
- Two 3-Watt speakers

Noise Level (STD)
- 37dB

Remote Control
- Fully-featured IR remote with the option to hardwire to the projector

Operating Conditions
- 41 –113°F (5–45°C), 85% max humidity, adjustable fan speed for high altitude application

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

Power Consumption
- 480W max (bright), 330W (STD), <0.5W (standby)

COMPATIBILITY SPECIFICATIONS

Computer Compatibility
- WUXGA, UXGA, SXGA+, WXGA, SXGA, XGA, SVGA, VGA resized, VESA, PC and Mac compatible

Video Compatibility
- NTSC, PAL, SECAM, SDTV (480i/576i), EDTV (480p/576p), HDTV (720p, 1080i/p)

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 needed and are sold separately. Refer to user manual for details.

Vertical Scan Rate
- 24–85kHz, 120Hz

Horizontal Scan Rate
- 15–91kHz

User Controls
- Complete on-screen menu adjustments in 26 languages

I/O Connection Ports
- Display port, HDMI, DVI-D w/ HDCP, two VGA-in, VGA-out, S-video, composite video, component video, five BNC (RGBHV/YPbPr), two stereo mini jack audio-in, two RCA stereo audio-in, audio-out, 3D VESA port, wired remote, USB-A charging port, RS-232C, RJ45, and 12V trigger

Monitor Loop Through
- Monitor: D-Sub 15 pin VGA output (functional in both normal and standby modes)
- Audio: VAO audio out, HDMI VAO audio out supported (VAO in normal mode, fixed in Standby)

PHYSICAL SPECIFICATIONS

Security
- Kensington® lock port, security bar & keypad lock

Weight
- 18.6 lb (8.4 kg) w/o lens

Dimensions (W x D x H)
- 16.9” x 7.1” x 13.4” (430 x 181 x 340 mm)

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

† 3D content can be viewed with either RF or DLP Link active shutter glasses when projector is used with a compatible 3D player. RF 3D glasses require the use of an RF 3D emitter and a projector with a 3D VESA Sync port. Please visit www.OptomaUSA.com for more information.

Copyright © 2014 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 at any time. LU111914

www.OptomaUSA.com