

EP759/EP758/EP751

Ultra Bright Powerhouse



Optoma's EP759™ - the World's First 3500 Lumens DLP™ Projector Under 8.0 lbs

Installation grade performance at a size you can handle. EP759™, EP758™, and EP751™ are perfect for a wide range of applications – from auditoriums and churches to classrooms or conference rooms. Designed with today's demanding multimedia presentations in mind, these robust, compact, ultra bright DLP™ business projectors function just as brilliantly when it comes to high definition film and video as they do with graphic presentations.

- Amazing **3500/3000/2500 lumens** (EP759/758/751) for powerful presentations anywhere
- Superior **2000:1** contrast ratio for home theater quality images as well as crisp graphics
- Exceptional **UXGA (1600 x 1200)** resolution and **HDTV** compatibility
- Convenient **DVI-HDCP**, Component, Composite, and S-Video inputs and monitor loop-through
- Revolutionary **Tunnel Cooling System** design for near-silent operation and minimal light leakage
- Full feature **Remote Mouse Control** with scroll wheel for easy navigation
- **RS-232** communications for external device control in installed environments
- **ECO mode** automatically selected to maximize lamp life when Picture Mute is enabled
- **Picture Mute** puts system directly into **ECO mode**, saving power and lamp life
- Unique **Pressure Sensor** controlled variable fan speed for higher altitude locations
- Advanced **DDR DLP™** technology by Texas Instruments for detailed graphics and video
- Perfect for use in rooms with bright ambient light or no window coverings

Optoma

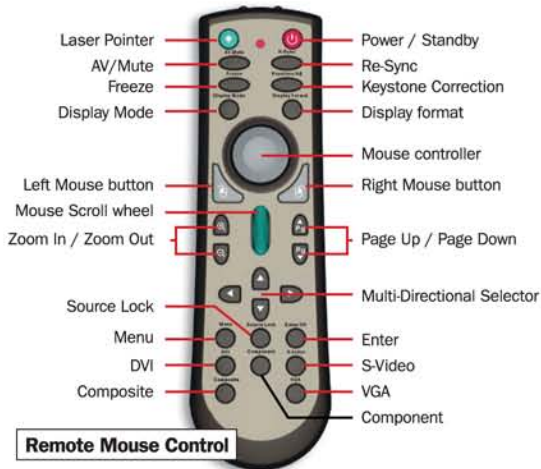
HDTV
COMPATIBLE

DVI
HDCP COMPLIANT

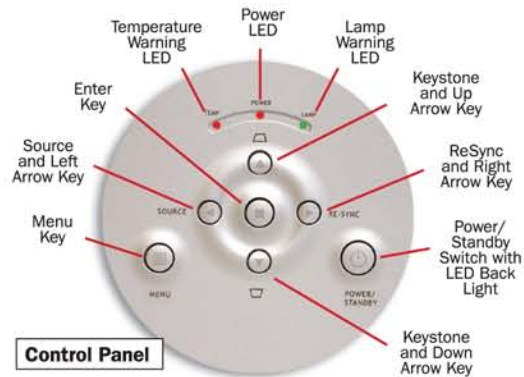
Revolutionary Engineering



Revolutionary Shield Design prevents unwanted light emission and enables near silent operation. Through the strategic use of baffles within the cooling tunnel, air speeds are reduced resulting in a whisper quiet projector. (patent pending)



Remote Mouse Control



Control Panel

I/O Ports



Specifications

Display Technology:	Single 0.7-inch 12-degree Double Data Rate DLP™ technology from Texas Instruments
Resolution:	EP759/EP758/EP751: Native XGA (1024 x 768), XGA (1024 x 768) Compressed UXGA (1600 x 1200)
Brightness (typical):	EP759: 3500 lumens; EP758: 3000 lumens; EP751: 2500 lumens
Contrast Ratio (full on/full off):	2000:1
Lamp Life (typical):	2000 hours / 3000 hours (BriteMode™/ECO Mode)
Throw ratio (distance/width):	2.0:1 to 2.4:1
Image Size (diagonal):	29.5 to 300 inches (0.75 to 7.62 meters)
Noise Level (typical):	EP758/751: 30 dB BriteMode™ / 27 dB ECO Mode EP759: 33 dB BriteMode™ / 28 dB ECO Mode
Remote Mouse Control:	Full function with scroll wheel
HDTV Compatibility:	720p, 1080i, 576 p/i, 480p/i
Monitor Loop Through:	D sub 15 VGA output (functional in both normal and standby modes)
Lamp Type:	300W UHP (EP759) / 250W UHP (EP758/EP751)
Projection Distance:	4.9 to 40.0 feet (1.5 to 12.2 meters)
Computer Compatibility:	UXGA compressed, SXGA compressed, XGA, SVGA, VGA, VESA standards, PC & compatibles, Macintosh
Video Compatibility:	NTSC (M, 3.58/4.43 MHz), PAL (B, D, G, H, I, M, N), SECAM (B, D, G, K, K1, L), HDTV (720p, 1080i), EDTV (480p), SDTV (480i), 576i/p
Aspect Ratio:	4:3 native, 16:9 & 5:4 compatible
Projection Lens:	f = 28 – 33.6 mm, F/2.4 – 2.6, 1:1.2 manual zoom and focus
Audio:	Two 3-watt internal stereo speakers, with audio in and out minijacks
Keystone Correction:	Horizontal and Vertical
Vertical Refresh Rate:	43 to 120 Hz
Power Supply:	Input 100-240V, 50-60Hz
Power Consumption:	360 watts (maximum), standby mode <20 watts
High Altitude Detection:	Multiple sensors to detect altitude/operation environment for automatic cooling system adjustments
Operating Temperature:	41-95°F (5-35°C) (80% humidity), Adjustable fan speed for high altitude
Displayable Colors:	16.7 million colors
Projection Method:	Front/rear/ceiling-mount/table-top
Uniformity:	85%
I/O Connectors:	Inputs: DVI-HDCP, VGA, S-Video, Component video, Composite video, Audio minijack, USB, RS-232 Outputs: VGA monitor loop through, Audio minijack, USB, RS-232
Standard accessories:	AC power cord, VGA to DVI cable, Composite video cable, S-Video cable, VGA cable, USB cable, D-sub 15 to component (YPbPr) remote mouse control, battery for remote, lens cap, users guide, quick start guide, warranty card
Optional accessories:	Short throw lens, Ceiling mount kit, VGA to Component cable, DVI to DVI cable, soft carrying case
Weight:	7.5 pounds (3.4 kg)
Dimensions (w x h x d):	13.4 x 5 x 10.3 inches (340 x 127 x 260 mm)
Warranty:	2 years limited warranty, 90 days lamp
UPC codes:	EP759: 796435 11 569 2; EP758: 796435 11 568 5; EP751: 796435 11 591 3

