

## EP1691 – Multimedia Projector

### Light It Up and Match It Up

With its high brightness level and a native 16:9 aspect ratio, the Optoma EP1691 easily matches up with today's widescreen laptops. Its diminutive, sleek design featuring the latest technologies and connectivity options make the EP1691 a compelling presentation tool.



### Features

- Native 16:9 aspect ratio and WXGA resolution
- Brightness of 2500 lumens and a 2500:1 contrast ratio
- Features DLP® technology from Texas Instruments
- Elegant design and ultra-portable 3.2 pounds
- Connections include: HDMI, VGA-In, S-Video, Composite Video, USB, Audio-In

### Specifications

#### Display Technology

Single 0.65" DDR DMD DLP  
Technology by Texas Instruments

#### Resolution

Native WXGA (1280 x 768)

#### Maximum Resolution

WXGA+ (1680 x 1050)

#### Brightness (Typical)

2500 ANSI Lumens

#### Contrast Ratio

2500:1 (Full On/Full Off)

#### Lamp Life and Type

2000/3000 Hours (STD/ECO)  
200W

#### Aspect Ratio

Native 16:9; 4:3 & 5:4  
Compatible

#### Throw Ratio

1.5 – 1.8:1 (Distance/Width)

#### Image Size (Diagonal)

30.95" to 371.42" (.79 to 9.43 m)

#### Projection Distance

3.9' to 39.4' (1.2 to 12.0 m)

#### Remote Control

Fully Featured IR Remote with  
Laser Pointer and Mouse

#### Audio

One Internal 1-Watt Speaker

#### Computer Compatibility

VGA, SVGA, XGA, WXGA,  
SXGA+, WXGA+ Resized; PC  
and Macintosh Compatible

#### Video Compatibility

HDTV (1080i/p, 720p, 576i/p,  
480i/p);  
NTSC (M, 3.58/4.43 MHz);  
PAL (B, D, G, H, I, M, N);  
SECAM (B, D, G, K, K1, L)

#### Projection Lens

F=2.55~2.72, f=21.3~24.5 mm,  
1.15X Manual Zoom and Focus

#### Horizontal Scan Rate

15 to 91.4 KHz

#### Vertical Scan Rate

43 to 87 Hz

#### Keystone Correction

± 30° Vertical

#### I/O Connectors

HDMI, VGA-In, S-Video,  
Composite Video, USB,  
Audio-In

#### Security

One Kensington® Lock Port

#### Uniformity

85%

#### Noise Level

37dB/34dB (STD/ECO)

#### Weight

3.2 lbs (1.45 kg)

#### Dimensions (W x H x D)

8.66" x 2.79" x 7"  
(220 x 71 x 178 mm)

#### Power Supply

AC Input 100-240V, 50 to 60 Hz

#### Power Consumption

250 Watts, <10 Watts (Standby)

#### Operating Temperature

5 to 40°C, 80% Max Humidity

#### Standard Accessories

AC Power Cord, VGA to VGA  
Cable, Composite Video Cable,  
Remote Control, Batteries for  
Remote, Lens Cap, User's  
Manual, Carrying Case, Quick  
Start Guide and Warranty Card

#### Optional Accessories

VGA to Component Video  
Cable, HDMI Cable, DVI to DVI  
Cable, GrayWolfII™ Series  
Screens, Extended and Gold  
Service Warranty

#### Warranty

2 Years Limited Parts and  
Labor, 90 Days on Lamp

#### UPC

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