

EP1690

Widescreen Versatility

Crossover
Appeal

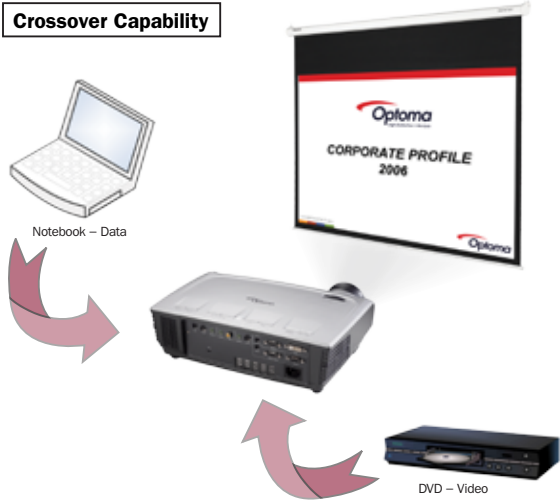


Data to Video, Day to Night – the EP1690 is Your All-Around Digital Display Device

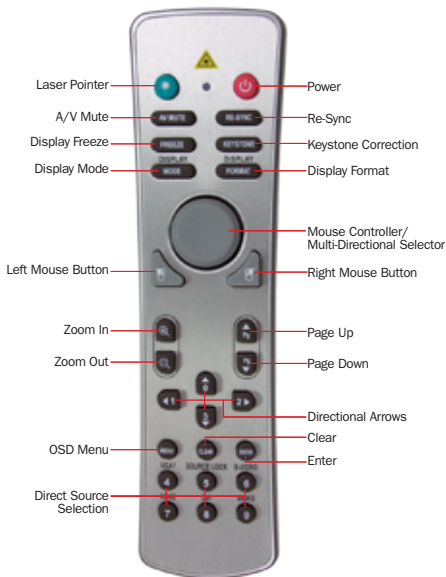
The Optoma EP1690 is a native 16:9 digital projector that delivers performance for today's widescreen laptops, the latest DVDs and high-definition content. Featuring a native resolution of 1280 x 768, the EP1690 offers amazingly bright picture quality with 2500 lumens and a 2500:1 contrast ratio. Stylish, lightweight and amazingly versatile, the EP1690 goes from laptop to big screen home entertainment easily.

- **Native 16:9 WXGA (1280 x 768) widescreen** display for work and play versatility
- **DarkChip2™ DLP® technology** by Texas Instruments ensure that images don't fade or degrade over time
- Bright and crisp picture quality with **2500 lumens** and **2500:1 contrast ratio**
- **Optoma's exclusive Widescreen Maximizer™** (available from www.OptomaUSA.com) guarantees perfect picture matching between the video source and projector
- **Extensive connectivity options**, including DVI with HDCP and 4 audio and video inputs
- **Express on/off function** to power on/off the projector in mere seconds
- **Innovative "wind tunnel" cooling system** to deliver whisper quiet operation and prevent light leakage

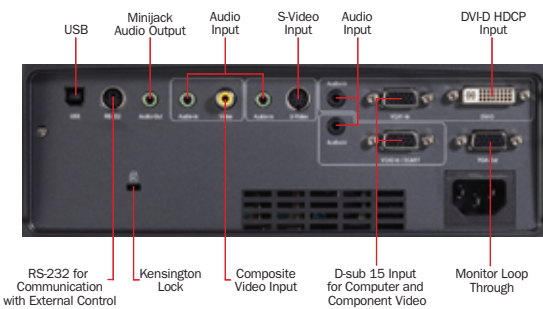
Crossover Capability



Remote Mouse Control



I/O Ports



Specifications

Display Technology:	0.65" DDR DLP® Technology by Texas Instruments
Resolution:	WXGA (1280 x 768)
Maximum Resolution:	PC: UXGA (1600 x 1200), Video: 720p, 1080p
Brightness (Typical):	2500 Lumens
Contrast Ratio:	2500:1 (Full On/Full Off)
Aspect Ratio:	16:9 Native, 4:3 Compatible
Computer Compatibility:	SXGA+, UXGA, XGA, SVGA, VGA Compression, VESA Standards, PC Compatible
Video Compatibility:	HDTV (480i/p, 576i/p, 720p, 1080i/p) with 480i/576i De-Interlacing
Projection Lens:	F/2.5 - 2.8, f = 22.25 - 26.69 mm
Throw Ratio:	1.58 to 1.90:1
Image Size (Diagonal):	28" to 300" (0.71 to 7.62 m)
Projection Distance:	5' to 40' (1.5 to 12 m)
Horizontal Scan Rate:	15 - 100 KHz
Lamp Type and Life:	220W UHP, 2500 Hours (ECO)
Keystone Correction:	± 16° Vertical
Noise Level (STD/ECO):	30dB/27dB
Audio:	One 3-Watt Speaker
Weight:	7 lbs (3.2 kg)
Dimensions (W x D x H):	13.56" x 3.72" x 9.67" (344 x 94 x 246 mm)
Remote Control:	Full Feature Remote Control with Laser Pointer and Mouse
Power Supply:	AC Input 100-240 Volts, 50 - 60Hz
Power Consumption:	295 Watts ± 10% Full Power, <13W Standby Power
Operating Temperature:	Operating: 5 - 35° C, 80% Humidity (Max) Storage: -20 - 60° C, 80% Humidity (Max)
Uniformity:	85%
I/O Connectors:	DVI-D w/HDCP, Two VGA (YPbPr/RGB/SCART), S-Video, Composite Video, Four Audio Inputs, USB, RS-232, VGA-Out
Security:	One Kensington Lock Port
Communication Port:	RS-232 (Automation Port)
Standard Accessories:	AC Power Cord, VGA to VGA, S-Video, RS-232 Cable, Remote Control, Batteries for Remote, Lens Cap, Quick Start Guide, Warranty Card and User's Manual
Optional Accessories:	Bering Ceiling Mount, 15-pin to 3 RCA Component - HDTV Adapter, Composite Cable, DVI to DVI Cable, DVI to HDMI Adapter, Gold Service Warranty and GrayWolfII™ Series Screens
Warranty:	2 Years Limited Parts and Labor, 90 Days Lamp
UPC:	796435 11 123 6

Available From:

