Optoma

EP781

Digital DLP® Projector

Ultra Bright Powerhouse

Installation grade performance. The EP781 XGA projector is perfect for a wide range of applications; from conference rooms to large venues. Brighter and lighter, this projector packs more performance into a smaller box than ever before.

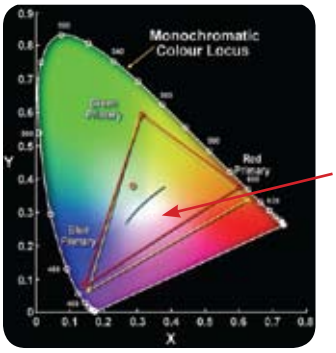
- Exceptional brightness of **4500** lumens for powerful presentations in any environment
- Optoma Colour Enhancement Technology and 3000:1 contrast for amazing colours to create crystal clear presentations and video
- **Optoma 10 Year Colour Guarantee***
- One of the quietest projectors ever made; Patented Tunnel Cooling System for near silent operation at 30dB with minimum light leakage
- Connectivity including DVI-D, dual VGA – SCART and component compatible, RJ45 and RS232
- 10-bit image processing and DDP3020 scaler for high performance de-interlacing for staggering picture quality
- Network control with web based management interface and SMTP alarm messaging system
- DLP® filter-free design for zero maintenance - No routine servicing

EP781 - Digital DLP® Projector

- Short throw lens option for larger images from shorter projection distances

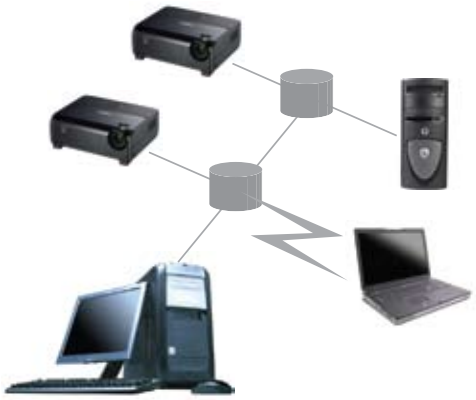
Optoma Colour Enhancement Technology maximises colour accuracy for deeper saturated colours

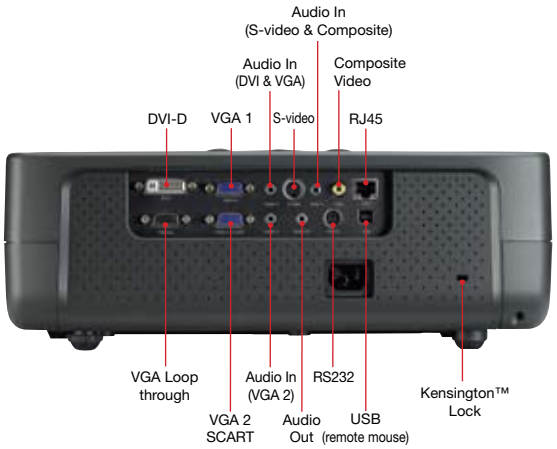
Optoma guarantees colour quality will remain as new for 10 years*



Optoma Colour Enhancement Technology

Network Management Setup





Specifications

Display Technology	0.7" XGA DarkChip3™ LVDS DLP® Technology by Texas Instruments
Resolution	Native: XGA 1024 x 768 up to 1600 x 1200 UXGA compressed
Brightness	4500/4000 ANSI Lumens (BRIGHT/STD mode)
Contrast Ratio	3000:1
Weight	3.6 Kg
Dimensions (W x H x D)	340 x 127 x 260mm
Lamp Life **	3000/2000 hours (STD/BRIGHT mode)
Noise Level	30/32dB (STD/BRIGHT mode)
Remote Control	Full Function Remote Mouse with Laser and Direct Source selecting
INPUTS:	DVI-D HDCP, Digital RGB (HDMI via adaptor) 2 x 15 Pin D-Sub VGA (SCART and component via adaptor) S-Video Composite RCA Jack 3 x 3.5mm Stereo Jack
CONTROL	RS232 3 Pin Mini DIN & RJ45 Network Control
OUTPUTS:	PC 15 Pin D-Sub (monitor loop-through) 3.5mm Stereo Jack
Audio	2 x 2w Speaker
Aspect Ratio	4:3 Native 16:9 compatible
Keystone Correction	± 16° degrees Vertical and Horizontal
On Screen Display	14 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian and Danish
Video Compatibility	PAL SECAM 625/576i\p, NTSC 525/480i\p, HD 720p/1080i
Uniformity	85%
Displayable Colours	16.7 Million
Projection Lens	f=28 ~ 33.6mm, F/2.4 ~ 2.6, 1.2x Manual Focus
Throw Ratio	2.0 ~ 2.4:1 (Projection Distance:Image Width)
Projection Distance	1.2 - 12m
Image Size	0.75 - 7.51m (29.6" to 295") Diagonal 4:3
Horizontal Scan Rate	31 – 91.1kHz
Vertical Scan Rate	43 - 85Hz
Power Supply	100-240V, 50-60Hz with PFC Power Supply
Power Consumption	360W Maximum, Standby < 20W
Operating Conditions	Operating: 5 - 35°C, 80% Humidity (Max), 3000m Altitude (Max)
Security	One Kensington Lock Port, Password Protection
Standard Accessories	Lens Cover, AC Power Cord, VGA Cable, S-Video Cable, RS232 Cable, Full Function Remote, Batteries x 2, USB Cable Quick Start Guide, CD User Manual, Warranty Card, WEEE Card
RoHS	Compliant
Lamp Warranty	6 months or 1000 hours – whichever is soonest
Warranty	Warranty may vary by country. Please see www.optomaeurope.com or ask your local supplier for details
Colour Guarantee	10 Years

EP781 Projection Distance 1.2 - 12m (4:3 Aspect Ratio)

Projection Distance (m)	Max. Horizontal Image size (m)	Min. Horizontal Image size (m)	Max. Screen Height (m)	Min. Screen Height (m)	Max. Diagonal Image Size (m)	Max. Diagonal Image Size (Inch)	Max. Image Offset (m)	Short-Throw Option Max. Horizontal (m)
1.20	0.60	0.50	0.45	0.38	0.75	29.55	0.07	0.72
2.00	1.00	0.83	0.75	0.63	1.25	49.26	0.11	1.20
2.50	1.25	1.04	0.94	0.78	1.56	61.57	0.14	1.50
3.00	1.50	1.25	1.13	0.94	1.88	73.89	0.17	1.80
4.00	2.00	1.67	1.50	1.25	2.50	98.51	0.23	2.40
5.00	2.50	2.08	1.88	1.57	3.13	123.14	0.28	3.00
6.00	3.00	2.50	2.26	1.88	3.75	147.77	0.34	3.60
7.00	3.50	2.92	2.63	2.19	4.38	172.40	0.39	4.20
8.00	4.00	3.33	3.01	2.51	5.00	197.03	0.45	4.80
9.00	4.50	3.75	3.38	2.82	5.63	221.66	0.51	5.40
10.00	5.00	4.17	3.76	3.13	6.26	246.29	0.56	6.00
11.00	5.50	4.58	4.14	3.45	6.88	270.91	0.62	6.60
12.00	6.00	5.00	4.51	3.76	7.51	295.54	0.68	7.20

For guide purposes only

EP781 is capable of 16:9 aspect ratio projection. When projecting a 16:9 image the image sizes, screen height and offset information will differ to that of above.

Optoma recommends Panoview screens

Panoview

www.panoview.eu

Optoma Europe Ltd.
42 Caxton Way, Watford Business Park, Watford, Hertfordshire, UK. WD18 8QZ
www.optoma.eu

* Optoma guarantee that in normal use, Optoma DLP® colour quality will be indistinguishable from when new. Please note that worn lamps will give slight variance. Exclusion: (1) Guarantee is voided if the projector is subject to damage through mis-use. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive. (3) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other fault.
**Typical lamp life achieved through testing. Will vary according to operational use and environment conditions.

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