

Sparkling Brightness
Superior Colour
Unparalleled Image Clarity



The all-new Lightweight **EP770** from Optoma follows in the footsteps of the award winning EP739H. Now redesigned and enhanced, this versatile high specification multi-media projector is equally at home in boardrooms, the classroom and on the road.

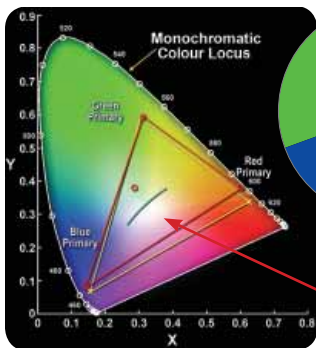
Brighter and Quieter 28dB, with increased functionality and great new colour performance, this new **EP770** projector packs more punch than ever before.

With sparkling brightness at **3000 Lumens**, exceptional **2000:1** contrast ratio and XGA resolution the **EP770** ensures that your presentations have serious and convincing impact.

Total Digital and Analogue connectivity with DVI-D, VGA - SCART & Component Compatible, S-Video, Composite video

- Brightness of 3000 lumens, for powerful presentations in any environment.
- Superior Contrast of 2000:1 for unparalleled image clarity.
- 5 segment colour wheel (RGBWY) for superior colour reproduction.
- Total connectivity DVI-HDCP, VGA-SCART and Component Compatible, S-video, and Composite Video.
- Exceptionally Quiet 28dB for unobtrusive operation.
- Short-Throw Lens option for larger images from shorter projection distances.

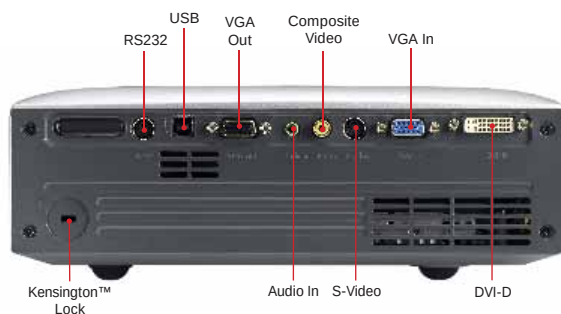
Optoma 5 Segment Colour wheel produces true vivid colours and maximises colour accuracy



Bright, Vivid Colours with 5 segment colour wheel

5 Preset User Modes

PC, Movie, sRGB, Game, User



Specifications

Display Technology	0.7" XGA Double Data Rate (DDR) DLP® Technology Texas Instruments
Resolution	Native: XGA 1024 x 768 up to 1280 x 1024 SXGA compressed
Brightness	3000 ANSI Lumens
Contrast Ratio	2000:1
Weight	2.4 Kg
Dimensions (W x H x D)	265 x 104 x 236mm
Lamp Life *	3000/2000 hours (STD/BRIGHT mode)
Noise Level	28/33dB (STD/BRIGHT mode)
Remote Control	Remote Control with Page Up/Down Function and Direct Source selecting
INPUTS:	DVI-D HDCP, Digital RGB (HDMI via adaptor) 15 Pin D-Sub VGA (SCART and component via adaptor) S-Video 4 Pin Mini Din Composite RCA Jack 3.5mm Stereo Jack
CONTROL	RS232 3 Pin Mini DIN
OUTPUTS:	PC 15 Pin D-Sub (monitor loop-through)
Audio	1 x 2w Speaker
Aspect Ratio	4:3 Native, 16:9 compatible
Keystone Correction	± 16° degrees Vertical
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=28.04 ~ 35.59mm, F/2.4 ~ 2.65, 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	31.35 ~ 80kHz
Vertical Scan Rate	56 - 85Hz
Lamp Type	220 watt SHP Lamp
Power Supply	100-240V, 50-60Hz with PFC Power Supply
Power Consumption	240W Maximum, Standby < 10W
Operating Conditions	Operating: 5 - 35°C, 80% Humidity (Max), 3000m Altitude (Max)
Security	One Kensington Lock Port
Standard Accessories	Lens Cover, AC Power Cord, VGA Cable, Composite Cable, Full Function Remote, Batteries x 2, USB Cable, Soft Carry Case, 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

EP770 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	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

EP770 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.

For guide purposes only

Optoma recommends Panoview screens

Panoview
www.panoview.eu

Optoma Europe Ltd.

42 Caxton Way, Watford Business Park, Watford, Hertfordshire, UK. WD18 8QZ

www.optomaeurope.com

*Typical lamp life achieved through testing. Will vary according to operational use and environment conditions.
Copyright © 2006, Optoma Europe Ltd. All other product names and company names used herein are for identifications purposes only and may be trademarks or registered trademarks of their respective owners.
Errors and omissions excepted, all specifications are subject to change without notice. DLP® and the DLP logo are registered trademarks of Texas Instruments.