



Quiet, Lightweight DLP® Projector for Vivid Presentations DVI digital input for great video performance

- Bright, **2000 lumens** for brilliant displays
- Contrast of **2200:1** for supreme image clarity and great video
- Full Digital connectivity **DVI-HDCP, HDMI** via adaptor
- Full Analogue connectivity **VGA, SCART** and **Component** via adaptor, S-Video and Composite
- Exceptionally **Quiet 27dB** for near silent presentations
- **Password security** and **Timer mode** for increased protection and versatility
- Ultra portable **lightweight**, only **1.9Kg**
- **RS232** for Communication Control Systems
- **Remote Control** with keys for input sources for easy switching

EP709S

Digital DLP® Projector



Preset Modes – The best performance for all Occasions

Presentation: For computer or notebook

Bright: For brightness optimization

Movie: For home theatre

sRGB: Best colour reproduction

User: Memorises user's settings

Specifications

Display Technology	0.55" Double Data Rate (DDR) XGA DLP® Technology Texas Instruments
Weight	1.9 Kg
Resolution	Native: XGA 1024 x 768 up to 1400 x 1050 SXGA+ compressed
Brightness	2000 ANSI Lumens
Contrast Ratio	2200:1
Dimensions (W x H x D)	230 x 95 x 210mm
Lamp Life*	3000 hours
Noise Level	27dB
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
CONTROL	RS232
Aspect Ratio	4:3 Native, 16:9 compatible
Keystone Correction	± 16° degrees Vertical
On Screen Display	13 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, 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=21.83 ~ 23.81mm, F/2.35 ~ 2.47, 1.1x Manual Focus
Throw Ratio	1.93 ~ 2.13:1 (Projection Distance : Image Width)
Projection Distance	1.2 - 12m
Image Size	0.78 - 7.78m (31" to 306") Diagonal 4:3
Horizontal Scan Rate	31.5 - 68.7 kHz
Vertical Scan Rate	56 - 85 Hz
Power Supply	100 - 240 V, 50 - 60 Hz
Power Consumption	260 W Maximum, Standby Mode < 12W
Operating Conditions	Operating: 5 - 35° C, 80% Humidity (Max), 3000m Altitude (Max)
Remote Control	Infra-Red with direct Source selecting
Security	One Kensington Lock Port
Standard Accessories	Lens Cover, AC Power Cord, VGA Cable, Composite Video Cable, Infra-Red Remote, Batteries x 2, 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.optamaeurope.com or ask your local supplier for details

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 Size (inch)	Max Image Offset (m)
1.20	0.62	0.56	0.47	0.42	0.78	30.63	0.07
2.00	1.04	0.94	0.78	0.71	1.30	51.04	0.12
2.50	1.30	1.17	0.97	0.88	1.62	63.80	0.15
3.00	1.55	1.41	1.17	1.06	1.94	76.57	0.18
4.00	2.07	1.88	1.56	1.41	2.59	102.09	0.23
5.00	2.59	2.35	1.95	1.76	3.24	127.61	0.29
6.00	3.11	2.82	2.34	2.12	3.89	153.13	0.35
7.00	3.63	3.29	2.73	2.47	4.54	178.65	0.41
8.00	4.15	3.76	3.12	2.82	5.19	204.17	0.47
9.00	4.66	4.23	3.51	3.18	5.83	229.70	0.53
10.00	5.18	4.69	3.90	3.53	6.48	255.22	0.58
11.00	5.70	5.16	4.29	3.88	7.13	280.74	0.64
12.00	6.22	5.63	4.67	4.24	7.78	306.26	0.70

EP709S 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

