

Powerful Installation Projector with Long Throw Lens



Continuous operation 24/7⁺



Long throw lens design for large room applications



High brightness projector; astonishing 5000 ANSI Lumens



Virtually no maintenance – filter-free design



Easy installation using motorised lens shift, zoom and focus. Centre lens design



Cable free presenting – optional wireless module



Networking – RJ45 control and monitoring



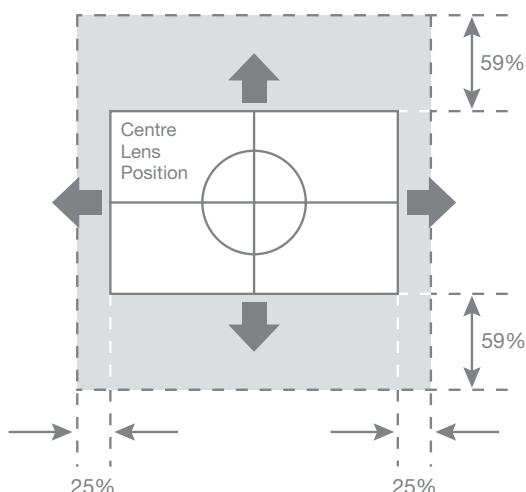
EP783L
Digital DLP® Projector

Powerful Long Throw Installation Projector

- Offering a new long throw lens solution, the Optoma EP783L is a stunning addition to our professional installation range of projectors.
- Designed with large conference rooms, auditoriums and other large venues in mind, its centre-lens design has a throw ratio of an exceptional 2.9 – 5.5:1.
- The astounding 5000 ANSI Lumens ensures the EP783L produces the highest quality of seamless, smooth and incredibly bright corporate presentations, videos and movies from up to 20m away.
- The bright and powerful EP783L combines motorised lens shift, powered zoom and powered focus to ensure simple set-up and positioning.
- Optoma projectors benefit from a filter-free design meaning that maintenance and cost of ownership is kept to a minimum.

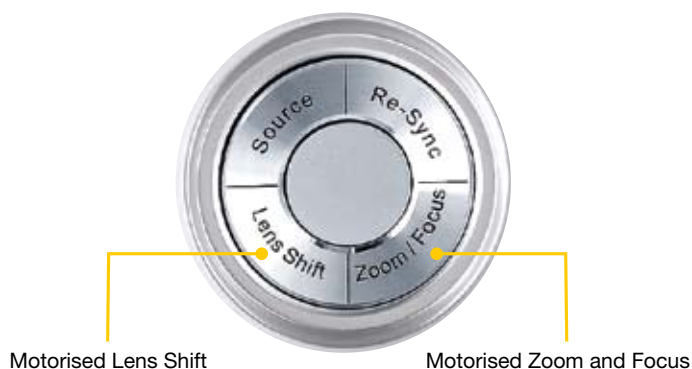
LENS SHIFT

The EP783L meets a variety of the installation challenges that come with large halls, conferencing facilities, auditoriums and bars. Motorised lens shift aligns the projected images centrally on screen and can be adjusted horizontally or vertically without moving the projector.



MOTORISED ZOOM AND FOCUS

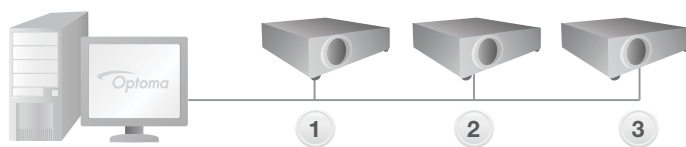
Precise and accurate control to ensure images appear crystal clear.



PROJECTOR CONTROL AND MANAGEMENT

Networking

Projectors can be controlled and monitored over network (LAN) using a web browser.



Control

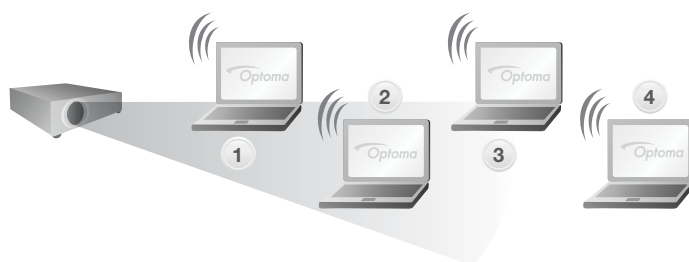
The extensive RS232 command structure makes it simple and easy to control the EP783L with any control system.

AMX Compatibility – Dynamic Discovery Protocol is incorporated into the EP783L. This feature allows for easy installation with AMX control systems.



Wireless Presenting

Cable-free presenting couldn't be easier with the optional wireless feature of the EP783L. Save time with simple switching between multiple PC sources. Just download the software and begin presenting instantly.



EXTENSIVE CONNECTIVITY

This native XGA projector accepts a wide variety of computer and video input signals.

Connectivity includes: 5BNC, HDMI, DVI, dual VGA/SCART and Component, S-Video, Composite, RS232 and RJ45.

Six audio inputs for individual PC and video connections enable the EP783L to function as an audio switcher and volume controller, thereby eliminating complicated and costly additional audio hardware and cabling.



AMAZING COLOUR AND IMAGE PERFORMANCE

The EP783L incorporates BrilliantColor™ Technology and 10-bit colour processing to ensure the images displayed are always smooth and natural. Optoma is so confident of its colour and image performance that we guarantee our projector will retain its vibrancy and precise picture performance.

BRILLIANTCOLOR™

BrilliantColor™ is a Texas Instruments technology, which employs innovations in image processing to improve the optical efficiency of DLP® projection systems. BrilliantColor™ allows the usage of a more advanced image processing algorithm and enables the use of more colours on the colour wheel than the standard Red, Green, Blue and White segments.

BrilliantColor™ technology enables higher brightness levels by boosting mid-tones, resulting in more vibrant, precisely accurate colours projected on the screen.

Key Advantages

1. Brighter Images
2. Improved colour spectrum
3. Smoother images and more accurate colours



Optoma uses Texas Instruments DLP® chips



Full 10-bit image processing

The use of full 10-bit image processing provides smooth tonal expressions. Images appear with much finer detail and greater dynamic colour range.

COLOUR PERFORMANCE

Optoma guarantees colour quality will remain as new for 5 years*

We are so confident the EP783L colours will not fade that we guarantee colours will remain vibrant and vivid.

DLP® technology from Texas Instruments ensures image quality is delivered without compromise.

FIVE YEAR IMAGER GUARANTEE***

The large screen experience demands sharp, flawless images with instant impact and lasting, crystal clear pictures. To retain image clarity Optoma projectors are designed with DLP® technology, preventing degradation over time and consistent pixel performance. Our Imager Guarantee ensures a precise picture performance for a minimum of 5 years.



MAINTENANCE FREE - LOWER TOTAL COST OF OWNERSHIP

DLP® technology ensures lower cost of ownership, longer life and improved reliability compared to other technologies such as LCD. The filter free projector design means no more regular filter cleaning or replacements, saving you time and money.

EASY TO USE



Quiet Operation

The EP783L features Optoma's whisper-quiet design, effectively reducing audible noise levels to just 30dB.



Multi-Language Support

The OSD menu supports up to 17 European languages including French, German, Polish, Dutch, Swedish and Arabic.



Easy Lamp Replacement

The lamp can be easily replaced in situ, even if the projector is ceiling mounted.

SECURITY



Password Protected Operation

Acts as a theft deterrent and prevents unauthorised use.

Key Pad Lock

Enabled: unauthorised adjustments are prevented by ensuring the projector can only be operated via the remote control.

ENERGY SAVING



Auto Power Off

If after a pre-determined time the projector does not receive a signal, it will turn itself off automatically, conserving power and extending the life of the lamp.



Direct Power On

Start-up time is significantly reduced as standby mode is passed over when the projector is turned on.

The projector will power on when the power cable is inserted into an active power outlet. This eliminates the need to use the 'Power' button on the remote control or the projector keypad.

Signal Power On

The projector will power on when it receives a signal. This eliminates the need to use the 'Power' button on the remote control or the projector keypad.

Fast Switch On

Display an image on screen quickly after switching the projector on.



Low Power Standby Mode

Reduces energy consumption.

CUSTOM START UP SCREEN

First impressions are important so set your company logo as the start up screen to make that impression last.



BUILT-IN SPEAKERS

Built-in 10W speakers for an integrated audio solution.



CARRY HANDLE

Built-in carry handle allows for easy transportation and additional hold when the projector is being installed.



LENS

The centre lens design allows greater flexibility, ensuring the projector can be easily installed.

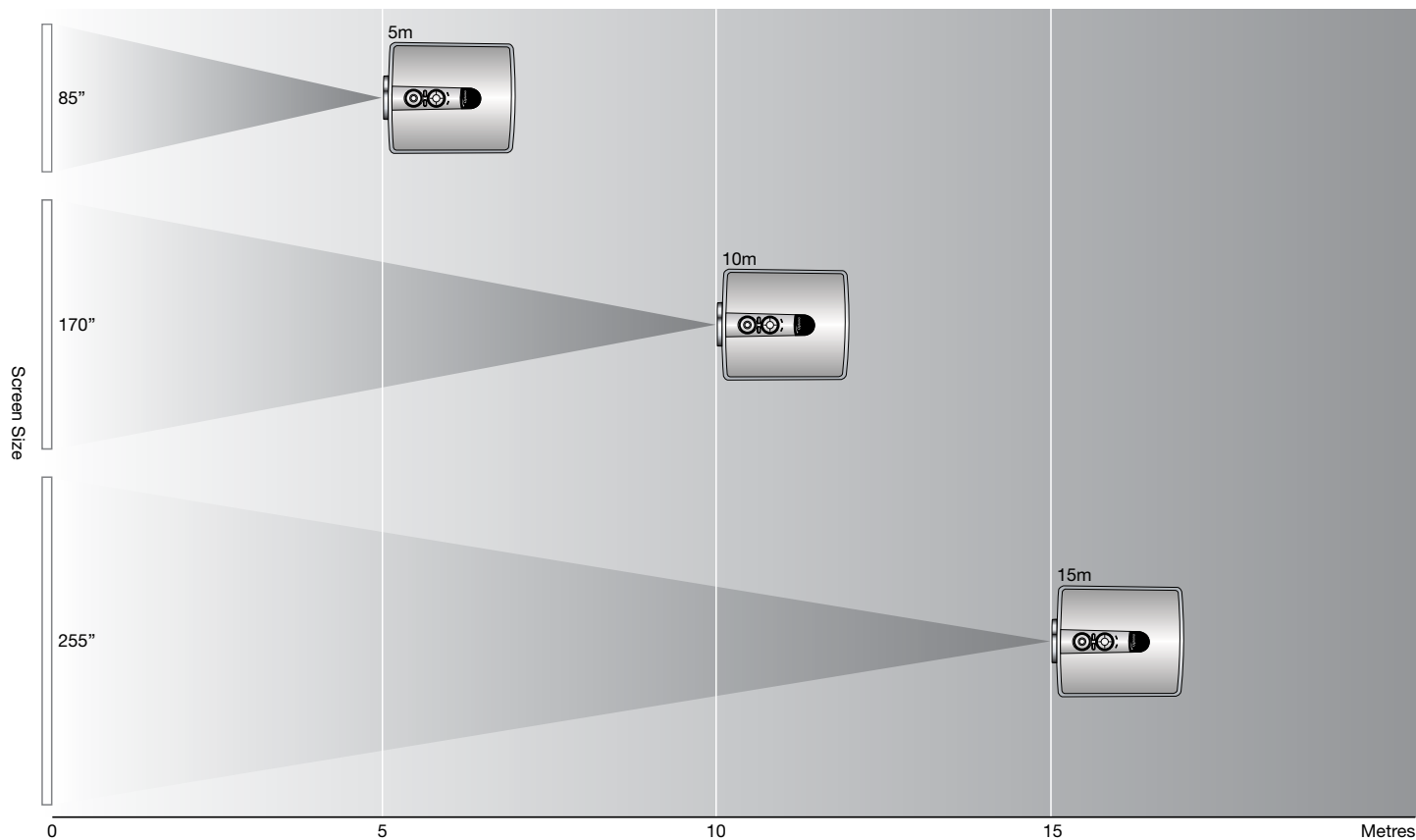
The long throw lens with a throw ratio of 2.9 – 5.5:1 is ideal for large conference rooms, auditoriums and any other large venue.

EP783L PROJECTION DISTANCE TABLES

EP783L PROJECTION DISTANCE 1.2 - 12m (4:3 ASPECT RATIO)						
Projection Distance (m)	Max. Horizontal Image Size (m)	Min. Horizontal Image Size (m)	Max. Vertical Image Size (m)	Min. Vertical Image Size (m)	Max Diagonal Image Size (m)	Max Diagonal Image Size (inch)
1.80	0.62	0.33	0.47	0.25	0.41	16.12
3.00	1.03	0.55	0.78	0.41	1.29	50.96
3.00	1.03	0.55	0.78	0.41	1.29	50.96
4.00	1.38	0.73	1.04	0.55	1.73	67.94
5.00	1.72	0.91	1.30	0.68	2.16	84.93
6.00	2.07	1.09	1.56	0.82	2.59	101.91
7.00	2.41	1.27	1.81	0.96	3.02	118.90
8.00	2.76	1.45	2.07	1.09	3.45	135.88
9.00	3.10	1.64	2.33	1.23	3.88	152.87
10.00	3.45	1.82	2.59	1.37	4.31	169.85
11.00	3.79	2.00	2.85	1.50	4.75	186.84
12.00	4.14	2.18	3.11	1.64	5.18	203.82
13.00	4.48	2.36	3.37	1.78	5.61	220.81
14.00	4.83	2.55	3.63	1.91	6.04	237.79
15.00	5.17	2.73	3.89	2.05	6.47	254.78
16.00	5.52	2.91	4.15	2.19	6.90	271.76
17.00	5.86	3.09	4.41	2.32	7.33	288.75
18.00	6.21	3.27	4.67	2.46	7.77	305.73
19.00	6.55	3.45	4.93	2.60	8.20	322.72
20.00	6.90	3.64	5.19	2.73	8.63	339.70

For guide purposes only

EP783L is capable of 16:9 aspect ratio projection. When projecting a 16:9 image the image sizes, screen height and offset information will differ from the above.



In addition to the **EP783L**, Optoma also supplies the Optoma **EP783S**. The EP783S is available with a standard Throw Ratio (TR) lens of 2.0 - 2.4:1 and **optional** short throw (TR 1.6 - 1.92:1) and long throw (TR 2.4 - 2.88:1) lenses.

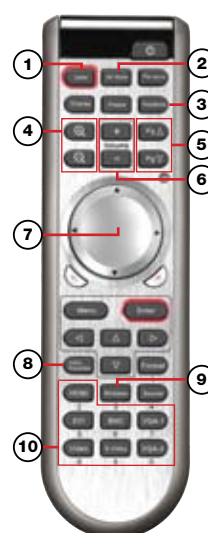
Specifications

	EP783L
Brightness	5000 ANSI Lumens
Contrast Ratio	1200:1
Native Resolution	XGA 1024 x 768
Compressed Resolution	Up to UXGA (1600 x 1200)
Noise Level	30/32dB (STD/BRIGHT mode)
Display Technology	0.7" XGA DC3 Double Data Rate (DDR) DLP® Technology by Texas Instruments
Dimensions (W x D x H)	475 x 398 x 167 mm
Weight	9.5 kg
Lamp Life**	3000/2000 hours (STD/BRIGHT mode)
Remote Control	Full Function Remote with Mouse Control, Laser and Direct Source selecting
Keystone Correction	± 40° Vertical, ± 15° Horizontal
Lens Shift Movement	± 59% Vertical, ± 25% Horizontal
Projection Lens	F/2.01 ~ 2.56; f=41.2 ~ 78.1mm, 1.9x Motorised Zoom
Throw Ratio	2.9 ~ 5.5:1 (Projection Distance:Image Width)
Projection Distance	1.8 ~ 20m
Image Size	0.41 ~ 8.63m (16.12" ~ 339.70") Diagonal 4:3
INPUTS	HDMI (HDCP) - audio supported DVI-D (HDCP) (HDMI via adaptor) 5 BNC (RGBHV/YpPr) 2 x 15 Pin D-Sub VGA (Component / SCART via adaptor) S-Video 4 Pin Mini Din Composite RCA Jack 6 x 3.5mm Audio Mini Jack USB (remote mouse control)
CONTROL	RS232 9 Pin D-Sub & RJ45 – Network Control
OUTPUTS	PC 15 Pin D-Sub VGA (monitor loop-through) Audio Mini Jack +12v Trigger
Audio	2 x 5W Speaker
Aspect Ratio	4:3 Native, 16:9 compatible
On Screen Display	17 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian, Danish, Hungarian, Czech & Arabic
Video Compatibility	PAL SECAM 625/576i/p, NTSC 525/480i/p, HD 720p/1080i/p
Uniformity	85%
Displayable Colours	134.2 Million
Horizontal Scan Rate	15 ~ 100kHz
Vertical Scan Rate	43 ~ 87Hz
Power Supply	100 ~ 240V, 50 ~ 60Hz
Power Consumption	410W BRIGHT mode < 5W Standby mode 333W STD mode < 5W Standby mode
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, USB Cable, Full Function Remote, Batteries x 2, Quick Start Guide, CD User Manual, Warranty Card, WEEE Card
Optional Accessories	Wireless Module (WM02), SCART to VGA adaptor, Component to VGA adaptor
RoHS	Compliant
Lamp Warranty	6 months or 1000 hours – whichever comes sooner
24/7 Operation†	If the projector is to be operated continuously 24 hours a day, Optoma recommends to switch off the projector for a minimum of 30 minutes each day to increase the life of the lamp.
Warranty	2 Years Hot Swap
Colour Guarantee*	5 Years
Imager Guarantee***	5 Years

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www.optoma.co.uk

Easy to use remote control with laser pointer



Remote Control

- 1 Laser
- 2 AV Mute
- 3 Keystone
- 4 Zoom Control
- 5 Page Up/Down
- 6 Volume Control
- 7 Remote Mouse Control
- 8 Lens Control
- 9 Wireless
- 10 Direct Input Source Selection

Connections

- 11 RJ45
- 12 HDMI (audio supported)
- 13 DVI-D
- 14 Audio In (DVI-D)
- 15 Audio In (VGA 1)
- 16 VGA 1 - SCART & Component
- 17 VGA 2 - SCART & Component
- 18 Audio In (VGA 2)
- 19 +12v Trigger
- 20 Audio In (BNC)
- 21 5BNC
- 22 USB (Remote Mouse Control)
- 23 Audio Out
- 24 Audio In (S-Video)
- 25 S-Video
- 26 Audio In (Composite)
- 27 Composite Video
- 28 RS232 - 9 Pin
- 29 VGA Loop - Through
- 30 Lamp Cover
- 31 Wireless dongle

Exceptional Connectivity/Multiple Terminals

Digital and analogue connectivity with 17 connections including; HDMI, DVI-D, 2 x VGA, RS232, RJ45, +12v Trigger and 6 x Audio In.



Panoview
Optoma recommended Screens
www.panoview.eu



*Optoma guarantees that in normal use, Optoma DLP® colour quality will be indistinguishable from when new. Please note that worn lamps will give slight variance. Exclusions: (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. *** Optoma guarantees that in normal use, the DLP® imager guarantee will retain quality for at least 5 years providing consistent pixel performance. Exclusions: (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. Copyright © 2008, 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®, BrilliantColor™ and the DLP logo are registered trademarks of Texas Instruments.