

## Stand out from the crowd...



The DX609i not only offers fantastic looks and style but also great performance. Super-bright 2300 ANSI Lumens and great XGA picture quality with striking realistic colour enhances powerful business presentations and enticing home videos.

- 2300 ANSI Lumens to highlight presentations to the finest detail
- Designer styling: light, compact at 2kg and as versatile on the move as when installed
- BrilliantColor™ and 2200:1 contrast gives exceptional colour to create crystal clear presentations and video - Optoma 5 Year Colour Guarantee\*
- 5 Year Imager Guarantee providing consistent pixel performance\*\*\*
- Digital and Analogue connectivity, capability includes: DVI, HDMI, 2 x VGA
- Auto power-off feature shuts down the projector when not in use, saving power and increasing lamp life
- Filter-free design for lower maintenance costs

### Easy to use:

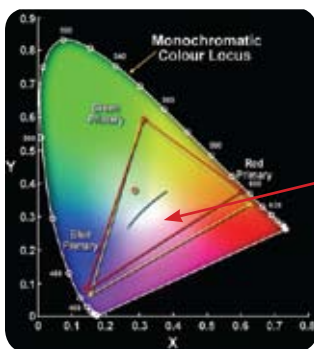
- Fully featured remote control with laser pointer and mouse control
- 5 preset picture modes to adjust the settings to match a variety of different applications
- 15 second start-up and cool down time to reduce both time and money in energy use

# DX609i - Digital DLP® Projector

- Extensive RS232 Command list for AV installations
- Password Security for added Protection
- Long Lamp Life - 3000 hours standard

BrilliantColor™ maximises colour accuracy for deeper saturated colours

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



BrilliantColor™



#### DX609i Remote Control

- 1 Laser
- 2 Remote Mouse
- 3 Vertical Keystone Correction
- 4 Volume Control
- 5 Brightness Adjustment
- 6 AV Mute
- 7 Direct Input Source Selection

#### DX609i Connections

- 8 VGA Loop through
- 9 VGA In – Component & SCART via adaptor
- 10 DVI-I – HDMI and 2nd VGA via adaptor
- 11 S-Video – Composite via adaptor
- 12 Audio In
- 13 RS232
- 14 USB (remote mouse)



## Specifications

DX609i	
Native Resolution	XGA 1024 x 768
Compressed Resolution	Up to UXGA (1600 x 1200)
Brightness	2300 ANSI Lumens
Contrast	2200:1
Noise Level	30dB
Lamp Life**	3000/2000 (STD/BRIGHT mode)
Display Technology	Single 0.55" XGA type X DMD chip
Weight / Dimensions (W x D x H)	2 kg / 259 x 188 x 71.5mm
Remote Control	Full Function Remote Mouse with Laser and Direct Source selecting
INPUTS:	DVI-I (HDCP) HDMI via adaptor 2nd VGA via adaptor VGA In Component via adaptor SCART via adaptor S-Video Composite via adaptor 3.5mm Stereo Jack, USB (remote mouse)
CONTROL	RS232 3 Pin Mini DIN
OUTPUTS:	PC 15 Pin D-Sub (monitor loop-through)
Audio	1 x 1W Speaker
Aspect Ratio	4:3 Native, 16:9 Compatible
Keystone Correction	± 40 Degrees Vertical
On Screen Display	16 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian/Danish, Hungarian, Czech & Arabic
Video Compatibility	PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i
Uniformity	85%
Displayable Colours	16.7 Million
Projection Lens	F=2.41 ~ 2.55, f=21.79 ~ 23.99mm, 1.1x Manual Focus
Throw Ratio	1.95 ~ 2.15:1 (Projection Distance:Image Width)
Projection Distance	1.2 - 12m
Image Size	0.70 - 7.70m (27.49" - 303.12") Diagonal 4:3
Horizontal / Vertical Scan Rate	15 - 100kHz / 43 - 85Hz
Power Supply	100-240V, 50-60Hz with PFC Power Supply
Power Consumption	237W BRIGHT mode < 10W Standby mode 211W STD mode < 10W Standby mode
Operating Conditions	Operating: 5 - 40°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 & Composite adaptor, USB Cable, Full Function Remote, Batteries x 2, Soft Carry Bag, Quick Start Guide, CD User Manual, Warranty, WEEE Card
RoHS	Compliant
Lamp Warranty	6 months or 1000 hours - whichever comes sooner
Warranty	Warranty will vary by country. Please see <a href="http://www.optoma-europe.com">www.optoma-europe.com</a> or ask your local supplier for details
Colour Guarantee	5 Years

#### DX609i 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)
1.20	0.62	0.56	0.46	0.42	0.77	30.31	0.07
2.00	1.03	0.93	0.77	0.70	1.28	50.52	0.12
2.50	1.28	1.16	0.96	0.87	1.60	63.15	0.14
3.00	1.54	1.40	1.16	1.05	1.92	75.78	0.17
4.00	2.05	1.86	1.54	1.40	2.57	101.04	0.23
5.00	2.56	2.33	1.93	1.75	3.21	126.30	0.29
6.00	3.08	2.79	2.31	2.10	3.85	151.56	0.35
7.00	3.59	3.26	2.70	2.45	4.49	176.82	0.40
8.00	4.10	3.72	3.08	2.80	5.13	202.08	0.46
9.00	4.62	4.19	3.47	3.15	5.77	227.34	0.52
10.00	5.13	4.65	3.86	3.50	6.42	252.60	0.58
11.00	5.64	5.12	4.24	3.85	7.06	277.86	0.64
12.00	6.15	5.58	4.63	4.20	7.70	303.12	0.69

For guide purposes only

DX609i 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](http://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. 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. 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. \*\*\* Optoma guarantees that in normal use, the DLP® imager guarantee will retain quality for at least 5 years providing consistent pixel performance. 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. Errors and omissions excepted, all specifications are subject to change without notice. DLP®, BrilliantColor™ and the DLP logo are registered trademarks of Texas Instruments.

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

[www.optoma.co.uk](http://www.optoma.co.uk)