

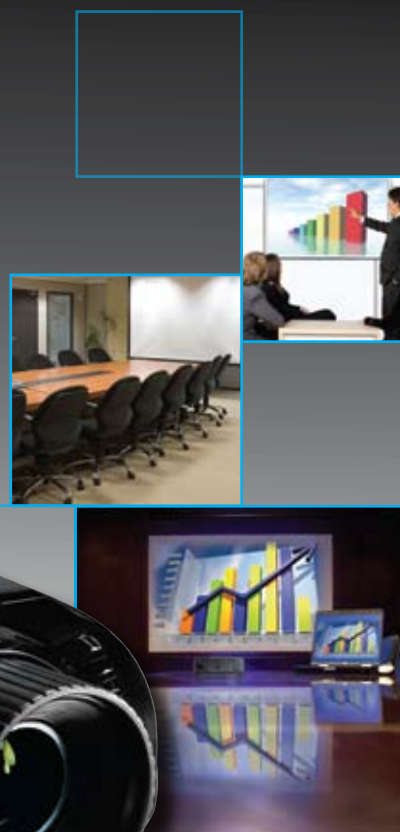


EX612

DLP® Projector

Wireless Presenting

-  Bright projection – 3500 ANSI Lumens
-  XGA resolution, 3000:1 contrast ratio for sharp, detailed presentations and graphics
-  Cable free presentations with wireless convenience
-  BrilliantColor™ technology – vibrant life-like colours
-  Portable – carry bag provided for easy transportation
-  Low ownership costs – up to 4000hrs lamp life
-  Environmentally friendly design <1W standby mode
-  DLP® filter-free design – Virtually no maintenance



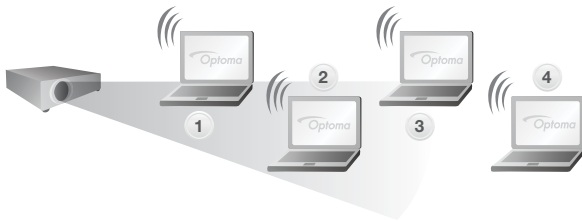
Complete Projection

Combine superb quality images with wireless connectivity for bright projection in corporate or education environments. The EX612 projects clear, bright 3500L images with superb colour using DLP® and BrilliantColor™ technology.

The environmentally friendly EX612 has energy saving features including <1W standby mode. Long lamp-life of 4000hrs combined with our unique Optoma colour and imager guarantees saves you both time and money whilst ensuring hassle-free, long lasting projection.

WIRELESS PRESENTING

Giving presentations couldn't be easier using the optional wireless features of the EX612. Cable free presenting saves time and facilitates effortless switching between presentations from different sources. Simply plug in the Optoma wireless dongle through the VGA port, download the software and start presenting instantly.



EXTENSIVE CONNECTIVITY

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

Connectivity includes: dual VGA–Wireless/Scart/Component, S-Video, Composite, VGA-Out and RS232.

PROJECTOR CONTROL AND MANAGEMENT

Control

The extensive RS232 command set makes it simple and easy to control the EX612 with any control system.



AMX Compatibility – Dynamic Discovery Protocol is incorporated into the EX612. This feature allows for easy installation with AMX control systems.



CLEAR, FOCUSED IMAGES

DarkChip3™ technology from Texas Instruments produces a stunning 3000:1 contrast ratio for pin sharp graphics and crystal clear text. Crisper whites, ultra-rich blacks makes images come alive and text easier to read - ideal for Excel spreadsheets and PowerPoint presentations.



1000:1 contrast ratio

3000:1 contrast ratio

*Simulated Image

AMAZING COLOURS

The EX612 incorporates BrilliantColor™ technology to produce stunningly bright images with perfectly balanced life-like colours.

COLOUR AND IMAGE PERFORMANCE

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

Once you've purchased the EX612, Optoma guarantees that the colours will not fade and the image performance will not degrade for a minimum of 5 years.



MAINTENANCE FREE = LOWER TOTAL COST OF OWNERSHIP (TCO)

DLP® technology ensures lower cost of ownership, longer life and improved reliability compared to other technologies.

The filter-free projector design means no more regular filter cleaning or replacements, saving you time and money.



ENVIRONMENTALLY FRIENDLY

The EX612 incorporates energy saving features to reduce power consumption and extend the lamp life.



The timer control functions can automatically switch the projector off to <1W standby mode, conserving power and extending the lamp life to an astonishing 4000hrs**.



It takes less than 10 seconds for the projector to power up and shutdown, saving both time and energy.

FEATURES

- 6 preset display modes
- Security bar and password protection for added security
- Direct power on



Enjoy big bright pictures in the office, classroom day or night

EX612 SPECIFICATIONS

Native Resolution	XGA 1024 x 768
Compressed Resolution	UXGA (1600 x 1200)
Brightness - BRIGHT mode	3500 ANSI Lumens
Contrast	3000:1
Noise Level	28dB
Lamp Life**	4000/3000 (STD/BRIGHT mode)
Projection Lens	F/2.41~2.55; f=21.8~24mm, 1.1x Manual Zoom
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
Display Technology	Single 0.55" XGA DC3 DMD chip DLP® Technology by Texas Instruments
Weight / Dimensions (W x D x H)	2.9 kg / 324 x 234 x 97mm
Remote Control	Full function remote with direct source selecting
INPUTS	2 x 15 Pin D-Sub VGA (Wireless/SCART/Component via adaptor) S-Video 4 Pin Mini Din Composite RCA 3.5mm Audio Mini Jack USB (Service only)
CONTROL	RS232 - 9 Pin D-sub
OUTPUT	15 Pin D-Sub VGA 3.5mm Audio Mini Jack
Audio	2W Speaker
Aspect Ratio	4:3 Native, 16:9 Compatible
Keystone Correction	± 40° Vertical
On Screen Display	17 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian, Danish, Hungarian, Czech, Turkish, & Arabic
Video Compatibility	PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i/1080p
Uniformity	85%
Displayable Colours	1.07 Billion
Horizontal Scan Rate	15 - 91kHz
Vertical Scan Rate	25 - 85Hz
Power Supply	100 - 240V, 50 - 60Hz
Power Consumption	298W BRIGHT mode < 1W Standby mode 247W STD mode < 1W Standby mode
Operating Conditions	Operating: 5 - 40°C, 85% Humidity (Max), 3000m Altitude (Max)
Security	Security Bar, Kensington Lock Port, Password Protection
Standard Accessories	Soft Carry Bag, Lens Cover, AC Power Cord, VGA Cable, Full Function Remote, Batteries x 2, Quick Start Guide, CD User Manual, Warranty Card, WEEE Card
Optional Accessories	Wireless Dongle, SCART & Component adapter, Ceiling Mount
RoHS	Compliant
Lamp Warranty	6 months or 1000 hours - whichever comes sooner
Warranty	Warranty may vary by country. Please see www.optoma-europe.com or ask your local supplier for details
Colour Guarantee*	5 Years
Imager Guarantee***	5 Years

EASY TO USE REMOTE CONTROL

EX612 Remote Control

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

EX612 Connections

- 7 USB
- 8 VGA 1- Wireless & Component
- 9 VGA Out
- 10 S-Video
- 11 Composite Video
- 12 Audio Out
- 13 VGA 2- SCART & Component
- 14 RS232 - 9 Pin
- 15 Audio In
- 16 Security Bar



Exceptional Connectivity / Multiple Terminals



Easy to use remote
with buttons to
change the input
sources



EX612 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)	Max. Image Offset (m)
1.20	0.62	0.56	0.46	0.42	0.70	27.49	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

EX612 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.

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www.optoma.co.uk

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 voided 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 voided in industrial or commercial entertainment environments where dust or smoke is particularly excessive.

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