

# EX762

DLP® Projector

## Bringing projection to life: 3D-Ready

- 120Hz 3D-Ready, DLP® Link™ enabled
- Bright projection – 4000 ANSI Lumens
- XGA resolution, 3000:1 contrast ratio for sharp, detailed presentations and graphics
- Digital and Analogue connectivity includes: HDMI, dual VGA
- Cable free presentations with wireless convenience
- Networking – RJ45 control and monitoring
- Environmentally friendly design <1W standby mode
- Portable – carry bag provided for easy transportation
- 8W speaker – all-in-one multimedia set-up
- DLP® filter-free design – easy maintenance



3D-READY

Engage and inspire your audience with 3D projection – Images look so real you'll want to reach out and touch them. The exceptionally bright EX762 with 120Hz 3D-Ready technology is perfect for projecting in boardrooms, lecture theatres or meeting rooms. Installed or on the move, the versatile EX762 incorporates networking and wireless capabilities, extensive connectivity and powerful 8W speakers.

The environmentally friendly EX762 has energy saving features including <1W standby mode and auto power off saving you both time and money. Our unique Optoma Colour and Imager guarantees ensure hassle-free, long-lasting projection.

## 3D TECHNOLOGY

Using the inherent speed of DLP technology, The Optoma EX762 can output video and images at an astonishing rate of 120Hz, allowing you to show full screen, full colour, stereoscopic 3D.

The 3D effect is generated by splitting this signal into two standard video streams, one for each eye. Using DLP® Link™ technology, the 3D glasses synchronise with the image on screen to filter each stream to the correct eye. Your brain then combines the two streams to make them jump into life.



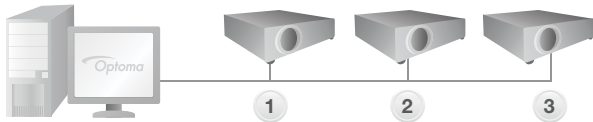
## PROJECTOR CONTROL AND MANAGEMENT

### Networking

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

- Manage up to 99 projectors at the same time (via master PC)
- Control and alter the projector settings using a simple web browser page
- Instant onscreen display of messages to projectors
- Set up email alerts for warning messages

Ideal for large installations in both the educational and business environments.



### Control

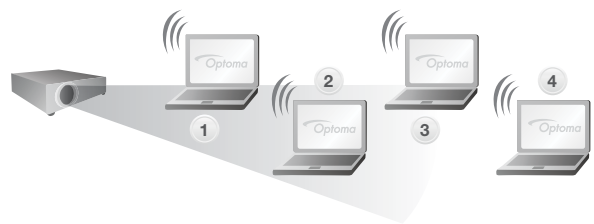
The extensive RS232 command set makes it simple and easy to control the EX762 with any control system.



**AMX Compatibility** – Dynamic Discovery Protocol is incorporated into the EX762. This feature allows for easy installation with AMX control systems.

### Wireless Presenting

Making presentations couldn't be easier using the optional wireless features of the EX762. Cable free presenting saves time and facilitates effortless switching between presentations from different sources. Simply 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: HDMI, dual VGA (Wireless/SCART/Component via adaptor), S-Video, Composite, VGA-Out, RS232, RJ45 and +12V trigger.

Three selectable audio inputs for individual PC and video connections enable the EX762 to function as an audio switcher and volume controller, thereby eliminating complicated and costly additional audio hardware and cabling.

## AUDIO CAPABILITY

Built-in 8W speaker offers excellent audio support. The EX762 is easy to set up without the need for costly external speakers

## 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 make images come alive and text easier to read - ideal for business and education presentations.



1000:1 contrast ratio

3000:1 contrast ratio

‡Simulated Image

## AMAZING COLOURS

The EX762 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 EX762, Optoma guarantees that the colours will not fade and the image performance will not degrade for a minimum of 5 years.



## LOWER TOTAL COST OF OWNERSHIP (TCO)

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



## ENVIRONMENTALLY FRIENDLY

The EX762 incorporates energy saving features to conserve power and extend the lamp life:



The timer control functions can automatically switch the projector off to standby mode <1W, conserving power and extending the lamp life to an astonishing 3000hrs\*\*.



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
- Easy to use remote with laser pointer, mouse control and direct source selecting
- Direct power on
- Customised start-up logo
- +12v Trigger - electric screen control



Enjoy big  
bright  
3D images

## EX762 SPECIFICATIONS

Native Resolution	XGA 1024 x 768
Compressed Resolution	UXGA (1600 x 1200)
Brightness - BRIGHT mode	4000 ANSI Lumens
Contrast	3000:1
Noise Level	29dB
Lamp Life**	3000/2000 (STD/BRIGHT mode)
Projection Lens	F/2.41-2.66; f=18.2-21.8mm, 1.2x Manual Zoom
Throw Ratio	1.6 - 1.92:1 (Projection Distance:Image Width)
Projection Distance	1.2 - 12m
Image Size	0.78 - 9.38m (30.79" - 369.43") 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 laser pointer, mouse control and direct source selecting
INPUTS	HDMI (HDCP) - audio supported 2 x 15 Pin D-Sub VGA (Wireless/SCART/Component via adaptor) S-Video 4 Pin Mini Din Composite RCA 3 x 3.5mm Audio Mini Jack (Selectable via OSD) USB (remote mouse)
CONTROL	RS232 - 9 Pin D-sub RJ45
OUTPUT	15 Pin D-Sub VGA 3.5mm Audio Mini Jack +12v Trigger
Audio	8W Speaker
Aspect Ratio	4:3 Native, 16:9 Compatible
Keystone Correction	± 40° Vertical
On Screen Display	19 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian, Danish, Hungarian, Czech, Turkish, Farsi & 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	372W BRIGHT mode < 1W Standby mode 314W 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, USB Cable, Full Function Remote, Batteries x 2, Quick Start Guide, CD User Manual, Warranty Card, WEEE Card
Optional Accessories	Wireless Dongle, SCART & Component adaptor, Ceiling Mount
RoHS	Compliant
Lamp Warranty	6 months or 1000 hours - whichever comes sooner
Warranty	Warranty may vary by country. Please see <a href="http://www.optomaeurope.com">www.optomaeurope.com</a> or ask your local supplier for details
Colour Guarantee*	5 Years
Imager Guarantee***	5 Years

## EASY TO USE REMOTE CONTROL

### EX762 Remote Control

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



### EX762 Connections

- 9 RJ45
- 10 USB (Remote Mouse)
- 11 HDMI (audio supported)
- 12 VGA 1- Wireless & Component
- 13 VGA Out
- 14 S-Video
- 15 Composite Video
- 16 Audio Out
- 17 +12v Trigger
- 18 VGA 2- SCART & Component
- 19 RS232 - 9 Pin
- 20 Audio In (S-Video & Composite)
- 21 Audio In (VGA 2)
- 22 Audio In (VGA 1)
- 23 Kensington™ Lock
- 24 Security Bar

### Exceptional Connectivity / Multiple Terminals



Easy to use remote with buttons to change the input sources



EX762 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	0.75	0.63	0.56	0.47	0.94	36.94	0.08
2.00	1.25	1.04	0.94	0.78	1.56	61.57	0.14
2.50	1.56	1.30	1.17	0.98	1.95	76.96	0.18
3.00	1.88	1.56	1.41	1.17	2.35	92.36	0.21
4.00	2.50	2.08	1.88	1.57	3.13	123.14	0.28
5.00	3.13	2.60	2.35	1.96	3.91	153.93	0.35
6.00	3.75	3.13	2.82	2.35	4.69	184.71	0.42
7.00	4.38	3.65	3.29	2.74	5.47	215.50	0.49
8.00	5.00	4.17	3.76	3.13	6.26	246.29	0.56
9.00	5.63	4.69	4.23	3.52	7.04	277.07	0.63
10.00	6.25	5.21	4.70	3.92	7.82	307.86	0.70
11.00	6.88	5.73	5.17	4.31	8.60	338.64	0.78
12.00	7.50	6.25	5.64	4.70	9.38	369.43	0.85

For guide purposes only

EX762 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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**Panoview**  
Optoma recommended Screens  
[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. 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 © 2009, 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.