

# EX762

DLP® Projector

## Bringing **projection** to life

- 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
- Portable – carry bag provided for easy transportation
- 8W speaker – all-in-one multimedia set-up
- Environmentally friendly design <1W standby mode
- Optoma EX762 filter-free design – virtually no maintenance



The exceptionally bright EX762 with 120Hz 3D capable 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 speaker.

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.

The 3D features of the EX762 can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling software. Currently the EX762 does not support 3D TV broadcast systems, SKY in the UK or 3D Blu-ray, though support for these applications may be added in future using additional hardware.



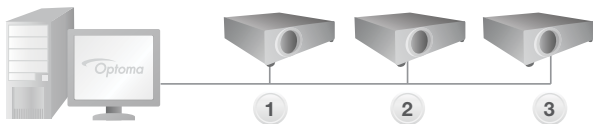
## PROJECTOR CONTROL AND MANAGEMENT

### 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

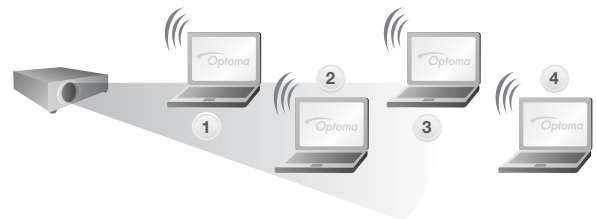
The extensive RS232 command set makes it simple and easy to control the EX762 with any control system.



**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 than 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.



### WIRELESS (OPTIONAL EXTRA)

WPS-Dongle, lets you connect and display presentation material wirelessly.



## 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

# Enjoy big bright images



## AMAZING COLOURS

The EX762 incorporates BrilliantColor™ technology to produce stunningly bright images with perfectly balanced life-like colours.

## COLOUR AND IMAGER GUARANTEE

Bright colours and fantastic image quality are guaranteed for an amazing 5 years after purchase - giving piece of mind that the technology inside the Optoma EX762 projector won't fade or degrade.



## VIRTUALLY MAINTENANCE FREE = LOWER TOTAL COST OF OWNERSHIP

EX762 provides lower cost of ownership, longer life and improved reliability. The filter-free projector design does not require regular filter cleaning or filter replacement, saving you time and money.



## ENVIRONMENTALLY FRIENDLY

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



To achieve the maximum 3000hrs\*\* lamp life time the projector should be operating in STD mode and the shut down timer should be enabled to automatically switch off the projector if it is accidentally left on when no longer required. Enabling the <1W Standby mode will ensure the minimum energy consumption when the projector is not being used.



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

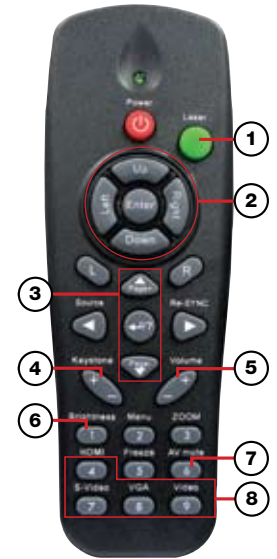
## EX762 SPECIFICATIONS

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 [Operation during standby mode - ECO standby must be set to off]
OUTPUT	15 Pin D-Sub VGA [Supported through VGA 1 only. Operation during standby mode - ECO standby must be set to off] 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 adapter, 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
3D Support	120Hz frame sequential 3D for resolutions up to 720P. 60Hz field sequential 3D for resolutions up to 480i
3D Viewing	Requires Optoma DLP® Link™ active shutter glasses - sold separately

## 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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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. Exclusions: (1) Guarantee is voided if the projector is subject to damage through misuse. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is 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 faults. (4) Over time worn lamps within all projector types will show a slight colour variance. \*\*Typical lamp life achieved through testing. Will vary according to operational use and environment conditions. \*\*\* Optoma guarantees that in normal use, the DLP® imager will retain image quality for at least 5 years and provide consistent pixel performance. Exclusions: (1) Guarantee is voided if the projector is subject to damage through misuse. (2) Guarantee may be void in industrial or commercial environments where dust or smoke is excessive. Copyright © 2009, Optoma Europe Ltd. All other product names and company names used herein are for identification 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.