







# ML300

LED DLP® Projector

## “Light up your life...”

-  “PC-free” viewing from an ultra portable, lightweight projector
-  Play back presentations, Documents, Videos, Photos & Music
-  Environmentally friendly LED technology - No more lamps...ever!
-  Read files directly from the on-board memory, a micro SD Card or USB Memory Stick
-  Easily hook-up external sources – mini-HDMI & VGA connectivity
-  Take it anywhere - stylish carry case included



## Share your movies, photos and documents anytime, anyplace...

Do you ever get tired of hooking up cables? Do you wish you could cut down on setup time; getting straight to watching your favourite movie; or giving that winning presentation? Let the ML300 set you free with its extensive built-in multimedia players. Alternatively connect & display images from your laptop, netbook, iPad2® or tablet PC for ultimate flexibility.\*

Using the latest "Lamp-free" LED technology for exceptional colour fidelity, reliability and longevity, the Optoma ML300 ultra-slim portable projector is the perfect choice. In many situations the perceived brightness of an LED projector can be up to twice the brightness of an equivalent lamp-based projector; when combined with the extraordinary life of LEDs, you can be sure that your ML300 will be clear and bright for many years to come.

### ON-BOARD MULTIMEDIA PLAYERS

View photos, videos, Microsoft Office & Adobe PDF files directly from the on-board memory, a microSD card or a USB memory stick – without the need to convert them. Add music to your slideshow or presentation for that extra ambience.

#### Videos

Sit back after a long day to enjoy your favourite movies... without the need for file conversion; the ML300 directly supports all the most popular video & music file formats and being both HD-Ready and LED, you can also be sure of vibrant colours, depth and clarity that will not disappoint.



#### Photos

Insert the micro SD card straight from your phone or camera to instantly share memories with small or large groups, without the need for extra cables. Alternatively leave a slideshow with audio running in the background before kicking off a meeting, to whet your audiences' appetite and stimulate discussion.



\*MicroSD Card & USB memory stick not included. Connection to some devices may require additional cables, available separately.

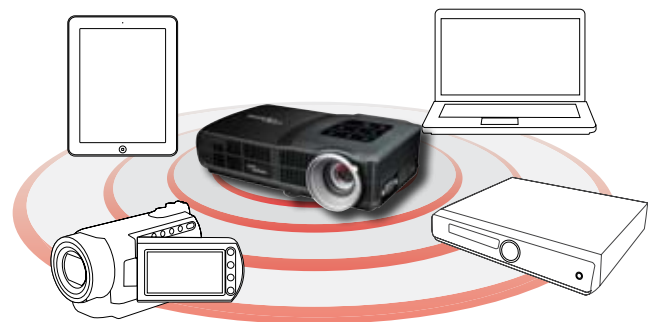
### Presentation & Documents

With native support for Microsoft Office and Adobe PDF files, you can simply save your work onto the ML300 internal memory, a microSD card\* or USB memory stick\* and you are ready to go.



### GREAT CONNECTIVITY

Equipped with HDMI, VGA, Video & Audio Inputs, you can easily connect your iPad2®, Laptop, DVD player or tablet PC. With so many options you are spoilt for choice.\*



### USB Display



What if your netbook or tablet has no video output? With USB-Display you can now mirror your desktop to the projector using the supplied micro-USB cable, for ultimate flexibility.

## WIRELESS PROJECTION

Connect and display presentation materials wirelessly from a PC or Mac using the optional mini-Wifi Dongle. This tiny device connects discreetly to the USB port on your ML300, bringing you seamless wireless connectivity in a highly portable package. Enjoy big-screen presentations streamed to your projector, cable-free.

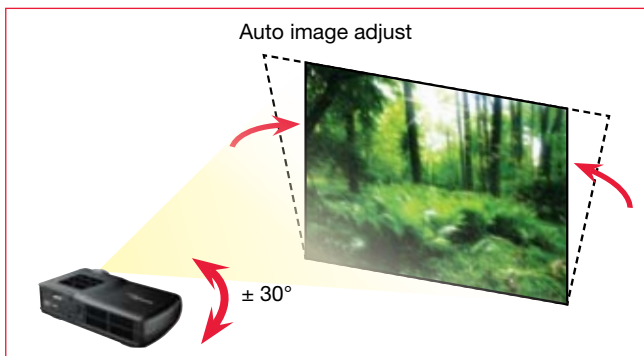


## EFFORTLESS PRESENTING...ON THE MOVE

Designed with both speed & convenience in mind, the ML300 makes setting up quick & hassle free; just plug-in, switch on and you are away...

Tilt the projector up to 30° and the image will automatically re-adjust, without you lifting a finger – just point and present.

When you're finished, there is no need to wait around – the ML300 rapid shutdown feature means you can be on the move again, instantly.

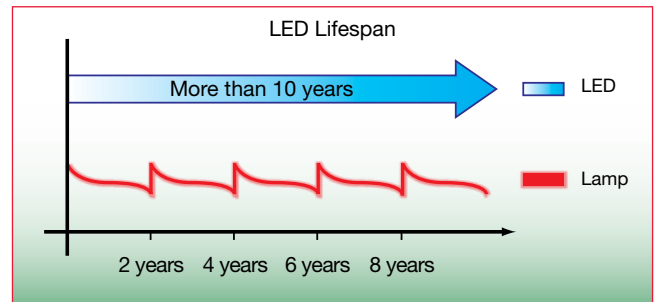


We know that improving our products is the best way to reduce our impact on the environment. That's why at Optoma, we design our products to have a long usable life, use fewer materials, ship with the minimum packaging and be free of all possible toxic substances. Naturally, energy efficiency and being recyclable are built in at the design stage. With each new product, we strive towards minimising our environmental impact. For full details of Optoma Project Green please visit our website.

## LED...THE FUTURE OF PROJECTION IS HERE!

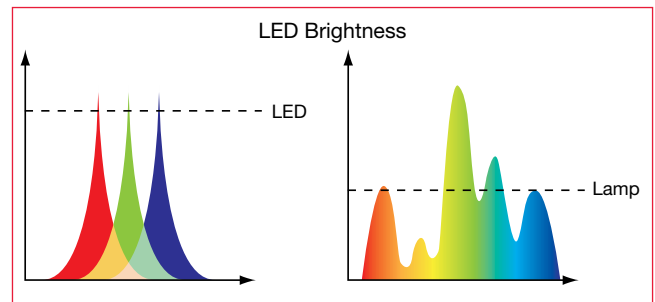
### Long life

As is typical with all lamp based projectors, image brightness will decrease over time until frequently, the costly lamp needs to be replaced. The ML300 uses cutting edge LED technology, with an exceptional life-span to completely eliminate the need for expensive replacement lamps. Saving you both time and money; while leaving you certain that your projector will be fully operational for many years to come.



### High Brightness

Due to the exceptional colour fidelity created by LED technology; in many situations the perceived brightness of an LED projector can be up to twice the brightness of an equivalent lamp-based projector.



### 3D-READY

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



Design a city and walkthrough the streets; explore the world, travel through space, see inside the body; inspire your imagination and bring new ideas to life!

Useful for both professionals and educators alike, the ML300 brings both teaching and design to a whole new level of immersion and excitement.



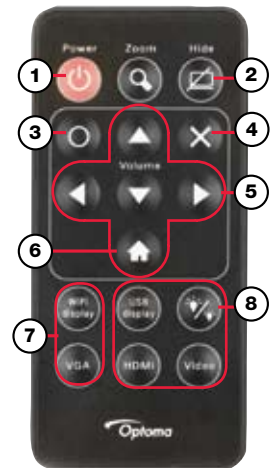
## ML300 SPECIFICATIONS

Native Resolution	WXGA 1280 x 800
Brightness*	300 ANSI Lumens (LED)
Contrast	3000:1
Noise Level	29dB
LED Life <sup>2</sup>	20,000 hours
Projections Lens	F/2, f=14.95mm, Fixed
Throw Ratio	1.5:1 (Projection Distance:Image Width)
Offset	100%
Projection Distance	0.55 - 3.23m
Image Size	0.43 - 4.06m (17" - 160") Diagonal 16:10
Display Technology	Single 0.45" WXGA DMD chip DLP® Technology by Texas Instruments
Weight / Dimensions (W x D x H)	635g / 184 x 105 x 44mm
Remote Control	Full function remote with, multimedia control and direct source selecting
INPUTS	Mini HDMI connector (Audio supported) 15 Pin D-Sub VGA Component via adaptor AV-IN-2.5 mm Jack microSD Card slot (for multimedia) USB-A (for multimedia) micro-USB (for USB Display & data transfer) Audio OUT - 3.5mm Jack
Audio	2W Speaker
Aspect Ratio	16:10 Native, 4:3 & 16:9 Compatible
Auto Image Adjust	± 30 Degrees Vertical
On Screen Display	12 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Swedish, Greek, Turkish
Video Compatibility	PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i/1080p
Multimedia Compatibility	Document - Microsoft PowerPoint® (ppt, pptx), Word® (doc, docx), Excel® (xls, xlsx), Adobe (pdf) Video - avi, mov, mp4, 3gp, wmv, mkv, Photo - Jpeg, bmp Music - mp3, aac, wma
Internal Memory	1.3GB
Uniformity	80%
Displayable Colours	16.7 million
Horizontal Scan Rate	49.64kHz
Vertical Scan Rate	50 - 120Hz
Power Supply	100 - 240V, 50 - 60Hz
Power Consumption	93W Maximum, Standby Mode <0.5 W
Operating Conditions	Operating: 5 - 35°C, 85% Humidity (Max), 2500m Altitude (Max)
Standard Accessories	AC Power Adapter, VGA Cable, micro-USB Cable, Carry Bag, Full Function Card Remote (Inc. Battery), Quick Start Guide, Warranty Card
RoHS	Compliant
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
3D Support	800x600@120Hz - frame sequential 1024x768@120Hz - frame sequential
3D Viewing	Requires Optoma DLP® Link™ active shutter glasses - sold separately
3D Compatibility	The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. Support for 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 may be possible in future using additional hardware. See website for updates.

## EASY TO USE REMOTE CONTROL

### ML300 Remote Control

- 1 Power
- 2 AV Mute
- 3 Enter
- 4 Back
- 5 Menu Navigation
- 6 Home
- 7 Direct source selection
- 8 Display mode



### ML300 Connections

- 9 VGA
- 10 Mini HDMI
- 11 AV In
- 12 Micro USB
- 13 Power button
- 14 MicroSD Card Slot
- 15 Audio Out / Headphones
- 16 USB (Reader)
- 17 Power Socket

## Exceptional Connectivity / Multiple Terminals



### Projection Distance 0.5 - 5.5m WXGA (16:10 Aspect Ratio)

Projection Distance* (m)	Min. Screen width	Min. Screen Height	Max Diagonal (m)	Min Diagonal (inch)
0.50	0.33	0.21	0.39	15.48
1.50	1.00	0.63	1.18	46.43
2.50	1.67	1.04	1.97	77.38
3.50	2.33	1.46	2.75	108.33
4.50	3.00	1.88	3.54	139.28
5.20	3.47	2.17	4.09	160.95

For guide purposes only

When projecting a 16:9/4:3 image, the image sizes, screen width and screen height information will differ from the above.

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\*Brightness will vary depending on selected projector mode, environmental conditions and usage. <sup>2</sup>Typical LED life achieved through testing. Will vary according to operational use and environmental conditions. Copyright © 2011, Optoma Europe Ltd. Microsoft PowerPoint®, Excel®, and Word®, are registered trademarks of Microsoft Corporation. iPad® is a registered trademark of Apple Inc. 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. All images of products are for representation purposes only. Whilst every care is taken to provide accurate images of our products, actual products may differ slightly. Some product images may have been digitally altered by us to add an Optoma logo to the front panel. Optoma reserves the right to amend or alter actual product or product images without notice. Some images may be simulated.