Optoma

ML800
DLP® Projector

Ultra-slim
LED Projector

Slim & lightweight only 1.4 Kg

16:10 WXGA HD Ready – Native WXGA resolution

6W 6W stereo audio with SRS audio processing

▶ "PC-free" viewing – Built in media player & Native Office Viewer

Actual Size:
48mm

BrilliantColor | 5 YEARS COLOUR GUARANTEED | Project Green | LED | HD Ready | 3D Ready | XWPL | SRS WOW HD

ML800

Ultra-slim portable LED Projector…

Introducing the all new ML800 ultra-slim portable LED projector. This powerful, lightweight and portable projector projects vibrant HD ready images up to an impressive 100". Weighing only 1.4kg and supplied with a carry bag you can easily transport it between meetings.

Packed full of features the ML800 incorporates a media player, native office viewer and built-in speakers with SRS WOW audio processing. It also includes an SD card slot, USB connection and optional wireless capabilities providing you with ultimate flexibility. Perfect for viewing Microsoft Office & Adobe PDF files, photos and videos.

Using the latest "Lamp-free" technology for exceptional colour fidelity, reliability and longevity, the Optoma LED ultra-slim portable projector is your perfect entertainment and business partner.

MEDIA PLAYER & NATIVE OFFICE VIEWER

Play videos, photos, Microsoft Office & Adobe PDF files directly from an SD card or USB stick and view them directly on the projector without the need to connect the projector to a laptop, PC or DVD player.

VIDEOS

Sit back after a long day to enjoy your favourite movies… without the need for file conversion; the ML800 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 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.

PRESENTATION & DOCUMENTS

With native support for Microsoft Office and Adobe PDF files, you can simply save your work onto an SD card* or USB memory stick* and you are ready to go.

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

WIRELESS PRESENTATIONS

Present from your phone or tablet using the free App: WiFi-Doc. Available for both Android and iOS devices, WiFi-Doc gives you the freedom to wirelessly share and present documents and photos stored on your mobile device. Creating a more connected and collaborative experience for everyone.

Instantly connect and display presentation material wirelessly from a PC, Mac or mobile device using the optional mini WiFi dongle which connects discreetly to the USB port on your ML800, bringing you seamless wireless connectivity in a highly portable package. Enjoy big-screen presentations streamed to your projector, cable-free.

iPhone/iPad

Android

ML800

AUDIO WOW - SRS WOW HD™ SURROUND SOUND

Embrace the WOW factor with SRS WOW HD surround sound audio processing to create a more natural audio experience, with a deep, rich bass response. Easy to set up without the need for costly external speakers the ML800 offers exceptional sound quality with powerful on-board 6W stereo audio.

SRS WOW HD FEATURES

- Stereo enhancement which improves dynamic audio performance
- Sculpted bass response for maximum thump from the on-board speakers
- More natural audio with a wider sound field

SRS WOW HD

HIGH FREQUENCY CLARITY

BIGGER, WIDER SOUND FIELD

DEEP RICH BASE RESPONSE

ULTRA SLIM

Weighing only 1.4kg, the ML800 is ultra light and slim. Coupled with the included carry case make it ideal for presentations on the go.
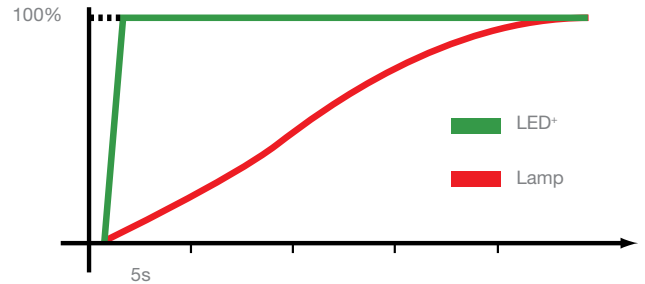

AUTO KEYSTONE

Auto keystone correction helps ensure that the projected image will always fit the area on which you are projecting.

Auto image adjust

± 360°
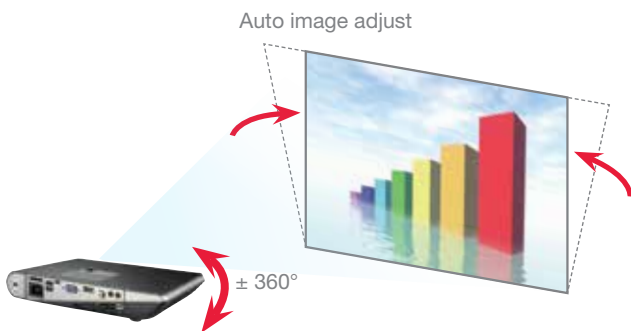
INSTANT ON/OFF

Quickly setup and pack up with instant power On/Off. LED technology allows the projector to be a full brightness in seconds.


100%

LED+

Lamp

5s

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. Useful for both professionals and educators alike, the ML800 brings both teaching and design to a whole new level of immersion and excitement.

3D Ready

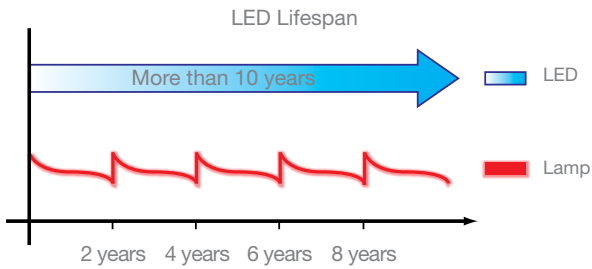## DIGITAL SIGNAGE

Built-in digital signage function. Perfect for digital signage applications such as advertising and museum demos.
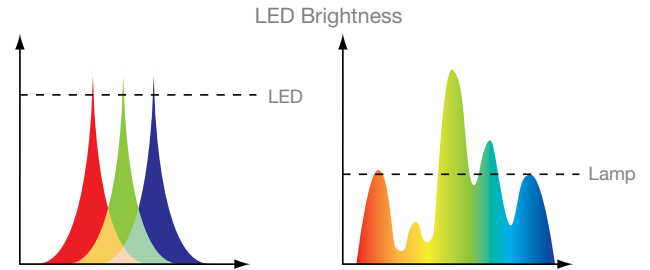

360°
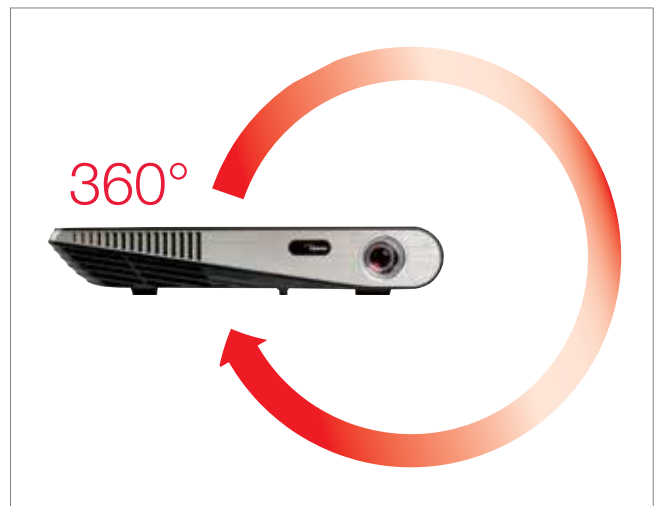
LED TECHNOLOGY

Using the benefits of LED technology, the ML800 LED projector uses individual Red, Green and Blue LED modules to create the projected image without the need for a colour wheel.

LEDs increase efficiency and have an increased lamp life up to 20,000 hours. Saving you both time and money; while leaving you certain that your projector will be fully operational for many years to come

LED Lifespan

More than 10 years

LED

Lamp

2 years   4 years   6 years   8 years

COLOUR GUARANTEE

We are so confident that the ML800 image colour quality will remain as good as the day you bought it that Optoma will guarantee it for five years.

BrilliantColor

COLOUR GUARANTEED
5 YEARS

BRIGHT, VIBRANT IMAGES

The ML800 produces bright, vibrant images with deeper saturation, bursting with life. This is due to 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.

LED Brightness

LED

Lamp

Project Green

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.

ML800 SPECIFICATIONS

Display Technology	Single 0.45" WXGA DMD Chip DLP® Technology by Texas Instruments
Native Resolution	WXGA 1280 x 800
Brightness - BRIGHT mode[1]	800 ANSI Lumens (LED)
Contrast	13,000:1
Lamp Type/Lamp Life[2]	LED Light Source - 20,000 Hours
Noise Level	30dB (min)
Weight	1.4 kg
Dimensions (W x D x H)	270 x 170 x 48mm
I/O Connectors	HDMI, VGA 15 Pin D-Sub, Composite Video, Audio In 3.5mm, 2 x USB-A (reader/wireless), SD Card slot, micro USB
Maximum Resolution	Full HD 1920 x 1080
Computer Compatibility	VGA, SVGA, XGA, WXGA, SXGA+, Mac
Video Compatibility	NTSC M/J, 3.58MHz, 4.43MHz, 480i, 480p, 576i, 576p, 720p, 1080i
Media Compatibility	Document - Microsoft PowerPoint® (ppt, pptx), Word® (doc, docx), Excel® (xls, xlsx), Adobe (pdf) Video - avi, mov, mp4, 3gp, wmv, mkv, Photo - Jpeg, bmp
Displayable Colours	1073.4 Million
Projection Lens	F/1.5; f=13.92mm, Fixed
Throw Ratio	1.4:1 (Projection Distance:Image Width)
Projection Screen Size	0.43m - 2.54m (17" - 100") Diagonal 16:10
Projection Distance	0.52 - 3.00 metres
Offset	105%
Horizontal Scan Rate	15.375 - 91.146kHz
Vertical Scan Rate	24 - 120Hz (120Hz for 3D)
Keystone Correction	Auto ± 40° Vertical
Audio	6W stereo (2x3W) SRS WOW HD audio processing
Power Supply	100-240V, 50-60Hz
Power Consumption	145W Maximum (BRIGHT mode), Standby Mode < 0.5W
Operating Conditions	5°C - 40°C, Max. Humidity 80%, Max. Altitude 3000m
Uniformity	85%
Security	Kensington Lock
Standard Accessories	AC Power Cord, HDMI Cable, Infra Red Remote Control with Battery, Quick Start Card, Carry Bag
Optional Accessories	Mini WiFi Dongle, Optoma DLP® Link™ active 3D shutter glasses
RoHS	Compliant
3D Support	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.
3D Viewing	Requires the Optoma ZD301 DLP-Link shutter glasses - available separately.
Suppoted Languages	16 Languages: English, French, Spanish, Portuguese (Brazilian), German, Traditional Chinese, Simplified Chinese, Korean, Japanese, Russian, Italian, Polish, Dutch, Swedish, Greek, Turkish

EASY TO USE REMOTE CONTROL

ML800 Remote Control

1 Hide Button
2 Power Button
3 Up Button
4 OK Button
5 Left Button
6 Down Button
7 HDMI Button
8 Media Button
9 Video Button
10 LED Mode Button
11 Right Button
12 Volume Up Button
13 VGA Button
14 Volume Down Button
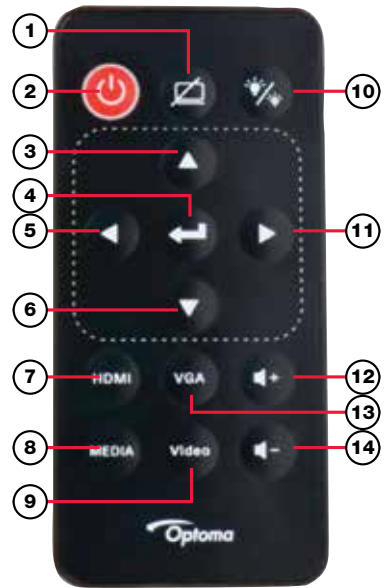
ML800 Connections

15 SD card slot
16 USB-A
17 Micro USB
18 VGA
19 HDMI
20 Composite Video
21 Audio In
22 Audio Out
23 Kensington™ Lock
24 Power
25 USB-A

Exceptional Connectivity / Multiple Terminals

Projection Distance 0.52 - 3m (16:10 Aspect Ratio)

Projection Distance (m)	Max. Horizontal Image Size (m)	Max. Vertical Image Size (m)	Max Diagonal Image Size (m)	Max Diagonal Image Size (inch)
0.52	0.37	0.23	0.44	17.24
1.00	0.71	0.45	0.84	33.16
1.50	1.07	0.67	1.26	49.74
2.00	1.43	0.89	1.68	66.32
2.50	1.79	1.12	2.11	82.91
3.00	2.14	1.34	2.53	99.49

For guide purposes only

ML800 is capable of 4:3 aspect ratio projection. When projecting a 4:3 image the image sizes, screen height and offset information will differ from the above.

V2- 23/05/13