

# MOBILE LED PROJECTOR ML800



## POWERFUL, PORTABLE, UNSURPASSED LED PERFORMANCE



- Perfect for traveling presenters
- Intuitive touch pad control for ease of operation
- LED light source lasts for the life of the product
- HDMI connectivity for maximum compatibility
- 3D Ready for the most amazing, immersive viewing experience



The Optoma ML800 is designed for mobile professionals seeking a light, compact, fully-featured ultra portable LED projector that is powerful enough to use in the most demanding environments. Its industry leading LED light source delivers 800 lumens of brightness and a stunning 15,000:1 contrast ratio to produce the richest, most vibrant colors in this product category.

The ML800 provides full comprehensive connectivity so you can use it with all of your existing gear. It also includes an SD card port that allows you to deliver PowerPoint presentations, view PDF documents, display pictures, movies and more without the need of a computer or external device. An innovative touch pad design allows you to easily control the projector and maximize ease of use.

### CONNECTIVITY (May require optional accessories)



COMPUTERS



SMART PHONES



TABLETS



BLU-RAY/DVD PLAYERS



SET TOP BOXES



CAMCORDERS



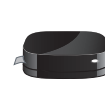
GAME CONSOLES



DIGITAL CAMERAS



Apple TV®



Roku®



USB



SD CARD



microSD

# MOBILE LED PROJECTOR — ML800

## OPTICAL/TECHNICAL SPECIFICATIONS

<b>Display Technology</b>	Single 0.45" DMD DLP® Technology by Texas Instruments™
<b>Native Resolution</b>	WXGA (1280 x 800)
<b>Maximum Resolution</b>	UXGA (1600 x 1200)
<b>Brightness</b>	800 lumens
<b>Contrast Ratio</b>	13,000:1 (full on/full off)
<b>Displayable Colors</b>	1.07 Billion
<b>Light Source Life and Type</b>	20,000 hours LED
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	±30° Vertical, auto keystone correction
<b>Uniformity</b>	>85%
<b>Offset</b>	105%
<b>Aspect Ratio</b>	16:10 Native, 16:9 & 4:3 compatible
<b>Throw Ratio (distance/Width)</b>	1.4 (distance/width)
<b>Projection Distance</b>	1.7'–9.8' (0.52–3 m)
<b>Image Size (Diagonal)</b>	17"–100" (5.2–30.5 m)
<b>Projection Lens</b>	F=1.5, f=13.92 mm
<b>Digital Zoom</b>	1.7x
<b>Audio</b>	Two 3-Watt speakers
<b>Noise Level</b>	30dB
<b>Remote Control</b>	IR remote control
<b>Operating Temperature</b>	41–104°F (5–40°C), 85% max humidity
<b>Power Supply</b>	AC Input 100–240V, 50–60Hz, auto-switching
<b>Power Consumption</b>	Max 145W, <0.5W (standby)

## COMPATIBILITY SPECIFICATIONS

<b>Computer Compatibility</b>	UXGA, SXGA+, WXGA, SXGA, XGA, SVGA, VGA resized, VESA, PC and Macintosh compatible
<b>Video Input Compatibility</b>	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
<b>3D Compatibility*</b>	120Hz frame sequential 3D for resolutions up to 720p, 60Hz field sequential 3D for resolutions up to 480i. 3D glasses are needed and sold separately.
<b>Vertical Scan Rate</b>	24–75Hz, 120Hz
<b>Horizontal Scan Rate</b>	15.375–91.146KHz
<b>User Controls</b>	Complete on-screen menu, adjustments in 16 languages
<b>Image File Compatibility</b>	.jpg, .jpeg, .bmp
<b>Video File Compatibility</b>	(see VIDEO FILE COMPATIBILITY chart)
<b>Office File Compatibility</b>	Word: .doc, .docx PowerPoint: .ppt, .pptx Excel: .xls, .xlsx Adobe PDF: .pdf
<b>I/O Connection Ports</b>	HDMI, VGA-in, composite video, audio-in, audio-out, USB-A (reader/wireless), USB-A (Re-charging Port), Micro-USB, SD Card
<b>USB Out (Charging Port)</b>	5V, 1.5 Amps max

## PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® Lock Port, keypad lock
<b>Weight</b>	3 lb (1.36 kg)
<b>Dimensions (W x H x D)</b>	10.6" x 1.9" x 6.7"



VIDEO FILE COMPATIBILITY	File Format	Video Format	Audio Format
	MPG, MPEG	MPEG1	MPEG1 L1-3
	AVI, MOV, MP4	H.263	MPEG1 L1-3 HE-ACC v1
	AVI, MOV, MP4, MKV	H.264	MPEG1 L1-3 HE-ACC v1 AC3
	AVI, MOV, MP4, WMV	MPEG4	HE-ACC v1
	AVI, MOV, MP4	Xvid	MPEG1 L1-3 HE-ACC v1
	WMV	VC-1	WMA8/9 (v1/v2)
FLV	Sorenson Spark	MPEG1 L1-3	

### Warranty

1-Year Limited Parts and Labor, 90-Days on Lamp

### In the Box (Standard Accessories)

AC power cord, VGA to VGA cable, remote control, battery for remote, carrying case, quick start card, and warranty card

### Optional Accessories

HDMI cable, component to VGA cable, composite video cable, Optoma screens and DLP® Link™ 3D glasses

### Accessory Part Numbers

Power cord: BC-PUPIX01      VGA cable: BC-VGVGXX02  
Remote: BR-3068N      DLP® Link™ 3D Glasses: BG-ZD301  
Wireless USB adapter: BI-EXTBGN

UPC 796435 41 852 6

www.OptomaUSA.com



\*3D content can be viewed with either RF or DLP Link active shutter glasses when projector is used with a compatible 3D player. RF 3D glasses require the use of an RF 3D emitter and a projector with a 3D VESA Sync port. Please visit www.OptomaUSA.com for more information.

Copyright © 2013 Optoma Technology, Inc. DLP® and the DLP logo are registered trademarks of Texas Instruments™. All other trademarks are the property of their respective owners. All specifications subject to change at any time.