MOBILE LED PROJECTOR
ML800

Optoma
Projector Expert

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

DLP TEXAS INSTRUMENTS   **BrilliantColor** DLP   **POWERED BY LED**   **HDMI** HIGH DEFINITION MULTIMEDIA INTERFACE   **WIDESCREEN 16:10 ENHANCED**   **3D** PC

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 13,000:1 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

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

COMPATIBILITY SPECIFICATIONS

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

PHYSICAL SPECIFICATIONS

Security	Kensington® Lock Port, keypad lock
Weight	3 lb (1.36 kg)
Dimensions (W x H x D)	10.6" x 1.9" x 6.7" (269 x 48 x 170 mm)

SD Card | Micro USB | HDMI | Audio-in
USB | VGA | Video | Audio-out
AC Power | USB Out (Charging Port)

6.7" · 10.6" · 1.9"

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	Xivd	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

In the Box (Standard Accessories)

ML800 projector, 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-PUPIXY01   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

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*3D content can be viewed with DLP Link active shutter glasses when the projector is receiving a compatible 3D signal from a compatible source device. Please visit www.OptomaUSA.com for more information.