

## ML1080ST

Eco-friendly ultra-portable RGB triple laser short throw projector





- Cutting-edge RGB triple laser technology and Full HD - Energy saving, vibrant color and incredible detail
- Designed with the environment in mind Laser technology cuts power consumption and ensures a long product lifespan
- Ultra portable, compact and flexible design with carry bag Use anywhere, simply point and play
- Auto keystone and focus Automatically adjusts for a clear, sharp and perfectly straight image



The ML1080ST is Optoma's most portable, power saving and eco-

friendly projectors to date. Weighing just 2.2lbs, its sleek and compact form factor delivers sharp color, incredible brightness and flexible set-up features for use at home, various immersive installations and on-the-go professional environments.

Built with premium RGB triple laser light source technology and Full HD 1080p resolution, the ML1080ST features 1200 lumens of brightness and produces accurate, cinema-grade colors for an unrivalled image performance compared with similarly sized projectors. An impressive short throw lens delivers an up to 100-inch image from only around 5 feet away from display surfaces.

## **Specifications**

EAN: 5055387667419, Colour: White

EAN: 5055567667419, Colour: V	VIIIte
UPC: 796435 44 672 7, Colour:	White
Display/image	
Display technology	DLPTM
Resolution	1080p Full HD (1920x1080)
Brightness	1,200 lumens
ANSI brightness	550
Contrast ratio - dynamic	3,000,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3,16:9
Keystone correction - horizontal	+/-40°
Kevstone correction - vertical	+/-40°
Has vertical auto keystone	Yes
correction	
Horizontal scan rate	15 ~ 140Khz
Vertical scan rate	24 ~ 240Hz
Uniformity	90%
Screen size	60" ~ 100" diagonal
Lamp info	~
Light source type	DuraCore Laser
LASER life	30,000 hours
Optical	
Throw ratio	0.78:1
Projection distance	40.79" - 67.99"
Zoom type	Fixed
Focal length (mm)	N/A
Native offset	100%
Connectivity	
Connections	Inputs 1 x USB-C power, 1 x HDMI 2.1, 1 x USB-A power 1.5A, 1 x USB-A power 0.5A
	Outputs 1 x USB-C, 1 x Audio 3.5mm
	Control 1 x RS232 (via mini USB connector)
General	
Noise level (min)	24dB
Noise level (max)	28dB
3D compatibility	
Security	No
	No Kensington Lock
,	
IP rating	Kensington Lock IP5X 10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish, Chinese
IP rating OSD / display languages	Kensington Lock IP5X 10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional)
P rating OSD / display languages Operating conditions	Kensington Lock IP5X 10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional) 0°C ~ 40°C, Max. Humidity 85%, Max. Altitude 2500ft
IP rating OSD / display languages Operating conditions Speaker count	Kensington Lock IP5X 10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional) 0°C ~ 40°C, Max. Humidity 85%, Max. Altitude 2500ft 1
IP rating OSD / display languages Operating conditions Speaker count Watts per speaker	Kensington Lock IP5X 10 languages: English, French, German, Italian, Japanese, Portuguese, Russlan, Chinese (simplified), Spanish, Chinese (traditional) 0°C ~ 40°C, Max. Humidity 85%, Max. Altitude 2500ft 1 3W
IP rating OSD / display languages Operating conditions Speaker count Watts per speaker	Kensington Lock IP5X 10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional) 0°C ~ 40°C, Max. Humidity 85%, Max. Altitude 2500ft 1
IP rating OSD / display languages Operating conditions Speaker count Watts per speaker In the box <b>Power</b>	Kensington Lock IP5X 10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional) 0°C ~ 40°C, Max. Humidity 85%, Max. Altitude 2500ft 1 3W Power cord Remote control Basic user manual 1x CR2032 Battery 1x RS232 Mini-USB adaptor
IP rating OSD / display languages Operating conditions Speaker count Watts per speaker In the box <b>Power</b>	Kensington Lock IP5X 10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional) 0°C ~ 40°C, Max. Humidity 85%, Max. Altitude 2500ft 1 3W Power cord Remote control Basic user manual 1x CR2032
IP rating OSD / display languages Operating conditions Speaker count Watts per speaker In the box Power Power consumption (min)	Kensington Lock IP5X 10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional) 0°C ~ 40°C, Max. Humidity 85%, Max. Altitude 2500ft 1 3W Power cord Remote control Basic user manual 1x CR2032 Battery 1x RS232 Mini-USB adaptor
IP rating OSD / display languages Operating conditions Speaker count Watts per speaker In the box Power Power consumption (min) Power consumption (max)	Kensington Lock IP5X 10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional) 0°C ~ 40°C, Max. Humidity 85%, Max. Altitude 2500ft 1 3W Power cord Remote control Basic user manual 1x CR2032 Battery 1x RS232 Mini-USB adaptor
IP rating OSD / display languages Operating conditions Speaker count Watts per speaker In the box Power Power consumption (min) Power consumption (max) Weight and dimensions	Kensington Lock IP5X 10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional) 0°C ~ 40°C, Max. Humidity 85%, Max. Altitude 2500ft 1 3W Power cord Remote control Basic user manual 1x CR2032 Battery 1x RS232 Mini-USB adaptor
OSD / display languages OSD / display languages Operating conditions Speaker count Watts per speaker In the box Power Power consumption (min) Power consumption (max) Weight and dimensions Dimensions (W x D x H) Gross weight	Kensington Lock IP5X 10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional) 0°C ~ 40°C, Max. Humidity 85%, Max. Altitude 2500ft 1 3W Power cord Remote control Basic user manual 1x CR2032 Battery 1x RS232 Mini-USB adaptor 32W 57W





Copyright © 2024 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. <sup>1</sup> Compatible external battery required for outdoor use and sold separately. Weatherproof case recommended for outdoor use and sold separately.<sup>2</sup> Based on the comparison with Optoma lamp-based projectors at the same brightness and DCI-P3 color gamut levels.<sup>3</sup> Compared with RGB laser portable projector models from competitors as of June 2023. 12042024030701