ML1080ST

Eco-friendly ultra portable RGB triple laser short throw projector

Full HD **1080p** | **Eco⁺** | 360°

- **Cutting-edge RGB triple laser technology and Full HD - Energy saving, vibrant colour 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 1kg, its sleek and compact form factor delivers sharp colour, 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 colours for an unrivalled image performance compared with similarly sized projectors. An impressive short throw lens delivers an up to 100-inch image from just over 1.5 metres away from display surfaces.

Specifications

Display/image

Display technology	DLP™
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°
Keystone correction - vertical	+/-40°
Has vertical auto keystone correction	Yes
Horizontal scan rate	15 ~ 140Khz
Vertical scan rate	24 ~ 240Hz
Uniformity	90%
Screen size	1.52m ~ 2.54m (60" ~ 100") diagonal

Lamp info

Light source type	DuraCore Laser
LASER life	30,000 hours

Optical

Throw ratio	0.78:1
Projection distance (m)	1.036m - 1.727m
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	No
Security	Kensington Lock
IP rating	IP5X
OSD / display languages	25 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese
Operating conditions	0°C ~ 40°C, Max. Humidity 85%, Max. Altitude 2500ft
Speaker count	1
Watts per speaker	3W
In the box	Power cord Remote control Basic user manual 1x CR2032 Battery

Power

Power consumption (min)	32W
Power consumption (max)	57W

Weight and dimensions

Dimensions (W x D x H) mm	157 x 135 x 68
Gross weight	2.2 kg
Net weight	1 kg