

# ML1080

Eco-friendly ultra-portable RGB triple laser 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 - Use anywhere, simply point and play
- Auto keystone and focus - Automatically adjusts for a clear, sharp and perfectly straight image



The ML1080 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 ML1080 features 1200 lumens of brightness and produces accurate, cinema-grade colors for an unrivalled image performance compared with similarly sized projectors.

Specifications

|                                      |                                                                                                                                                                                                                                                                            |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display/image                        |                                                                                                                                                                                                                                                                            |
| Display technology                   | DLP™                                                                                                                                                                                                                                                                       |
| Resolution                           | 1080p Full HD (1920x1080)                                                                                                                                                                                                                                                  |
| Brightness                           | 1,200 lumens   550 ANSI lumens                                                                                                                                                                                                                                             |
| Contrast ratio - dynamic             |                                                                                                                                                                                                                                                                            |
| Native aspect ratio                  | 3,000,000:1                                                                                                                                                                                                                                                                |
| Aspect ratio - compatible            | 16:9                                                                                                                                                                                                                                                                       |
| Keystone – vertical/horizontal       | 4:3, 16:9                                                                                                                                                                                                                                                                  |
| Has venical auto keystone correction | +/-40°                                                                                                                                                                                                                                                                     |
| Horizontal scan rate                 | Yes                                                                                                                                                                                                                                                                        |
| Vertical scan rate                   | 15 - 140Khz                                                                                                                                                                                                                                                                |
| Uniformity                           | 24 - 240Hz                                                                                                                                                                                                                                                                 |
| Screen size                          | 90%                                                                                                                                                                                                                                                                        |
| Lamp info                            | 60' -100" Auto Focus diagonal   30' -150' Manual Focus   70" Optimal                                                                                                                                                                                                       |
| Light source type                    |                                                                                                                                                                                                                                                                            |
| LASER life                           | DuraCore Laser                                                                                                                                                                                                                                                             |
| Optical                              |                                                                                                                                                                                                                                                                            |
| Throw ratio                          | 30,000 hours                                                                                                                                                                                                                                                               |
| Projection distance                  | 1.2:1                                                                                                                                                                                                                                                                      |
| Zoom type                            | 62.76" - 104.61"                                                                                                                                                                                                                                                           |
| Focal length (mm)                    | Fixed                                                                                                                                                                                                                                                                      |
| Native offset                        | N/A                                                                                                                                                                                                                                                                        |
| Connectivity                         |                                                                                                                                                                                                                                                                            |
| Connections                          | 100Pu                                                                                                                                                                                                                                                                      |
| General                              |                                                                                                                                                                                                                                                                            |
| Noise level (typical)                | Inputs 1 x USB-C power                                                                                                                                                                                                                                                     |
| Noise level (max)                    | Outputs 1 x HDMI 2.1, 1 x USB-A power 1.5A, 1 x USB-A power 0.5A, 1 x USB-C, 1 x Audio 3.5mm                                                                                                                                                                               |
| 3D compatibility                     | Control 1 x RS232 (via mini USB connector)                                                                                                                                                                                                                                 |
| Security                             |                                                                                                                                                                                                                                                                            |
| IP rating                            |                                                                                                                                                                                                                                                                            |
| 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 85Po, Max. Altitude 2500ft                                                                                                                                                                                                                       |
| Speaker count                        |                                                                                                                                                                                                                                                                            |
| Watts per speaker                    | 3W                                                                                                                                                                                                                                                                         |
| Power                                |                                                                                                                                                                                                                                                                            |
| Power consumption (min)              | 32W                                                                                                                                                                                                                                                                        |
| Power consumption (max)              | 57W                                                                                                                                                                                                                                                                        |
| Weight and dimeneions                |                                                                                                                                                                                                                                                                            |
| Dimensions (W x D x H)               | 6.18" x 5.31" x 2.60"                                                                                                                                                                                                                                                      |
| Gross weight                         | 4.85 lbs                                                                                                                                                                                                                                                                   |
| Net weight                           | 2.2 lbs                                                                                                                                                                                                                                                                    |
| uPC                                  | 796435 44 671 0                                                                                                                                                                                                                                                            |

