

## GT1080

## Super-size your screen

- Full HD 1080p and short throw lens – 100” image from just over a metre away
- Bright vivid colours – 2,800 ANSI Lumens
- Dynamic black technology - 25,000:1 contrast ratio
- Easy connectivity - 2x HDMI and MHL support with built-in 10W speaker



# GT1080

Super-size your screen

Create a super-sized 100-inch image with the GT1080 positioned just over a metre from the screen or wall. This portable Full HD 1080p projector is ideal for playing action-packed games or watching TV shows, sports and movies.

With a built-in speaker and two HDMI inputs the GT1080 is easy to setup and use. Turn it into a smart projector by connecting your smartphone or tablet using MHL: now you can play games, stream videos and share photos on the big screen.

## Short Throw Projection

With a short-throw lens, this projector can produce large screen sizes from a short distance. This means you can get a 100 inch image, with the projector placed just over a metre away from the screen or wall.

## Full HD 1080p

1080p resolution gives you sharp and detailed images from HD content without downscaling or compression; perfect for watching Blu-ray movies, HD broadcasting and playing video games.



## Full 3D

Optoma projectors can display true 3D content from almost any 3D source, including 3D Blu-ray players, 3D broadcasting and the latest generation games consoles. Support for 144Hz rapid refresh rate provides ultra-smooth flicker free images.



## Gaming Mode

Gaming Mode optimises your projector for lightning response times, maximum contrast and vivid colours to capture every detail - leaving you time to focus on winning.



## MHL Connectivity

Turn your projector into a smart display by connecting your smartphone or tablet with a single cable using MHL; now you can play games, stream videos and share photos on the big screen.



## Dynamic Black

This feature gives more depth to your image by smoothly adjusting the lamp output, based on the brightness information of each frame; to create a stunning high contrast ratio. Bright scenes appear crisp and clear, while dark scenes remain detailed with deep blacks and exceptional light and shade detail.



2,000:1

25,000:1

## 24p

Most movies are shot at 24 frames per second (fps). To preserve the purity of the original image, Optoma projectors can accept high definition sources at 24 fps to display movies exactly as the director intended.

## Amazing Colours

For vibrant, natural looking images, Optoma projectors incorporate BrilliantColor™ multi-colour processing technology.



## Color Guarantee

Enjoy dazzling colours for years to come; guaranteed by Optoma for five years' consistent performance.



## Integrated Speaker

Complete your home entertainment experience with the convenience of a powerful built-in speaker. Built-in speakers provide exceptional sound quality and are easy to set up without the need for costly external speakers.

## HDMI Link

HDMI link lets you to turn on and off two or more HDMI-CEC capable devices using a single remote control.



## Long Lamp Life

The expected lifetime of a typical Optoma projector lamp is an impressive 6500 hours; so if you watch a two hour movie every day, the lamp should last for almost 9 years.

# GT1080 Specification

|                                       |  |
|---------------------------------------|--|
| Display Technology                    | Single 0.65" WXGA DC3 DMD chip DLP® Technology by Texas Instruments  |
| Native Resolution                     | 1080p 1920 x 1080  |
| Brightness <sup>1</sup> (Bright Mode) | 2800 ANSI Lumens   |
| Contrast                              | 25,000:1   |
| Noise Level (Eco mode)                | 26dB   |
| Weight (kg)                           | 2.65   |
| I/O Connectors                        | 2 x HDMI (1.4a 3D support) + MHL, Audio Out 3.5mm, 12V Trigger, 3D-Sync, USB Service   |
| Maximum Resolution                    | UXGA 1600 x 1200   |
| Computer Compatibility                | UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac  |
| Video Compatibility                   | PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)   |
| Displayable Colours                   | 1073.4 Million   |
| Projection Lens                       | F/2.8; f=7.42mm, Fixed Zoom  |
| Throw Ratio                           | 0.49:1   |
| Projection Screen Size                | 1.15 - 7.67m (45.3" - 300") Diagonal 16:9  |
| Projection Distance                   | 0.5 - 3.35 metres  |
| Zoom Type                             | Fixed  |
| Aspect Ratio                          | 16:10 Native, 4:3/16:9 Compatible  |
| Offset                                | 116% ±5%   |
| Horizontal Scan Rate                  | 15.375~91.146 KHz  |
| Vertical Scan Rate                    | 24 ~ 85Hz (120Hz for 3D)   |
| Lamp Type                             | 190W   |
| Lamp Life (Eco/Bright Mode)           | 6000/5000  |
| Keystone Correction                   | ± 40° Vertical   |
| Audio                                 | 10W  |
| Dimensions (W x D x H) (mm)           | 315 x 224 x 114  |
| Remote Control                        | Full function remote with direct source selecting and backligh   |
| Power Supply                          | 100-240V, 50-60Hz  |
| Power Consumption                     | 233W BRIGHT mode < 0.5W Standby mode, 193W Eco mode < 0.5W Standby mode  |
| Operating Conditions                  | 5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m   |
| Uniformity                            | 80%  |
| Security                              | Security Bar, Kensington Lock, Password Protection   |
| Standard Accessories                  | Lens Cover, Carry Bag, HDMI Cable, AC Power Cord, Back-lit IR Remote Control with Batteries, Quick Start Card, CD User Manual, Warranty Card   |
| Optional Accessories                  | Ceiling Mount, Screen  |
| RoHS                                  | Compliant  |
| 3D Support                            | The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification. |
| 3D Viewing                            | Requires ZF2300 Starter Kit - Sold separately<br>(Additional Glasses are also available)   |
| 3D Compatibility                      | Side-by-Side: 1080i50 / 60, 720p50 / 60<br>Frame-pack: 1080p24, 720p50 / 60<br>Over-Under: 1080p24, 720p50 / 60  |
| Speaker                               | 10   |
| On Screen Display                     | 27 Languages: English, French, German, Spanish, Italian, Portuguese, Dutch, Swedish, Finnish, Greek, Danish, Norwegian, Polish, Russian, Simplified_Chinese, Traditional_Chinese, Korean, Arabic, Japanese, Thai, Hungarian, Czechoslovak, Turkish, Vietnamese, Farsi, Romanian, Indonesian  |
| Optional Wireless                     | Yes  |
| Features                              | Gaming even in the smallest of rooms   |



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<sup>1</sup>Lamp based projectors brightness and lifetime will vary depending on selected projector mode, environmental conditions and usage. As is common with all lamp based projectors, brightness will decrease over the lamp lifetime. LED projectors do not have a replaceable lamp and the brightness does not decay significantly over the product lifetime. <sup>2</sup>Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions. DLP®, and the DLP logo are registered trademarks of Texas Instruments. All other product names and company names used herein are for identifications purposes only and may be trademarks or registered trademarks of their respective owners. All images of products are for representation purposes only. Whilst every care is taken to provide accurate images of our products, actual products may differ slightly. Some product images may have been digitally altered by us to add an Optoma logo to the front panel. Optoma reserves the right to amend or alter actual product or product images without notice. Some images may have been simulated. Errors and omissions excepted, all specifications are subject to change without notice. Copyright © 2014, Optoma Europe Ltd.

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