






# Bright Multimedia Projection DH1012



## VIBRANT COLORS AND STUNNING IMAGES



-  **Native 1080p high definition resolution for the sharpest, most visually stunning images and video**
-  **Outstanding image clarity and class leading contrast ratio**
-  **3200 lumens delivers a bright, clear image**
-  **2x HDMI Ports for maximum flexibility**
-  **Rich, vivid colors with BrilliantColor™**



The Optoma DH1012 data projector delivers an amazing 3200 lumens image along with a class-leading 18,000:1 contrast ratio for bright images with rich accurate colors, pleasing tones and mind-blowing detail.

With a high resolution 1080p image, 2x HDMI ports and BrilliantColor™, the DH1012 delivers exceptional performance whether you are getting work done in the home office, watching the latest blockbuster movie on Blu-ray or sharing vacation photos. The DH1012 is a great value for today's digital home office and small office environments.

MHL 1.2 support enables the use of HDMI Media Sticks such as Google Chromecast™ and Amazon FireTV™ Stick along with MHL enabled cameras, smartphones and tablets. With 8000 hours of lamp life in DE mode, the DH1012 is an extremely cost effective and low maintenance DLP projector.

## CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



3D Blu-ray/DVD Players



Set Top Boxes



Camcorders



Digital Cameras



Game Consoles



Roku®



Apple TV®



Chromecast™



FireTV™

## Bright Multimedia Projection - DH1012

### OPTICAL/TECHNICAL SPECIFICATIONS

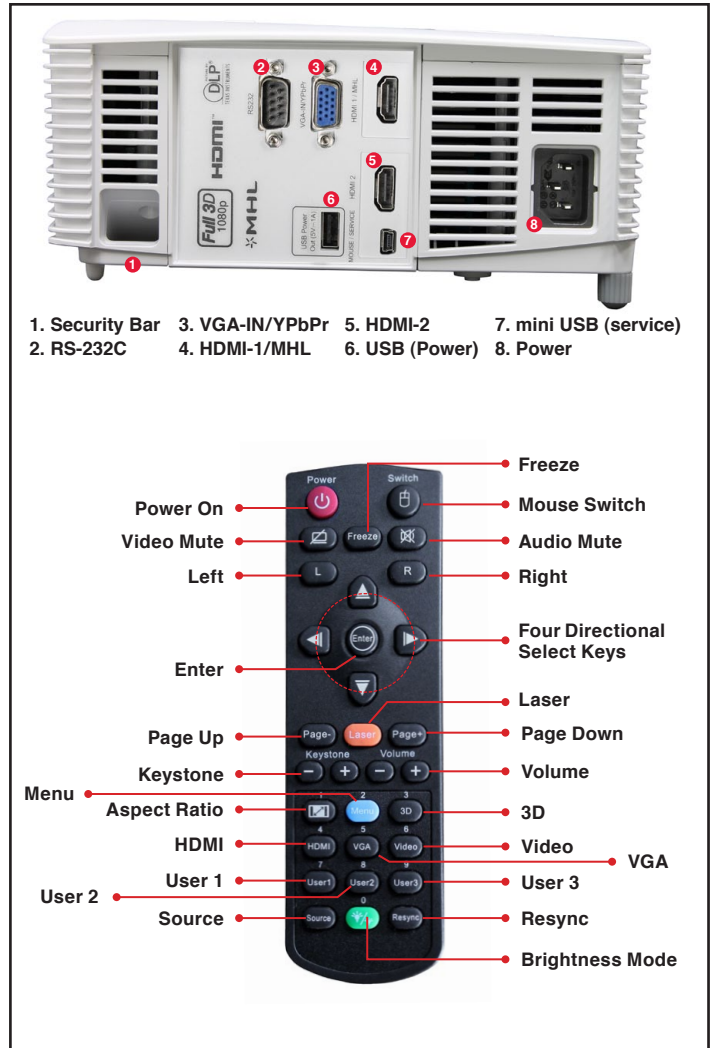
<b>Display Technology</b>	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
<b>Native Resolution</b>	Full HD 1080p (1920 x 1080)
<b>Maximum Resolution</b>	Video Timing Max: 1080p Graphics Resolution Max: 1920 x 1200 (WUXGA)
<b>Brightness</b>	3200 lumens
<b>Contrast Ratio</b>	18,000:1
<b>Displayable Colors</b>	1.07 Billion
<b>Lamp Life and Type<sup>1</sup></b>	8000/6500/6000/4000 (ECO+/Bright+Dynamic Dimming/ECO/Bright) <sup>2</sup>
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	±30° Vertical
<b>Uniformity</b>	>75%
<b>Offset</b>	116%
<b>Aspect Ratio</b>	16:9 (Native), 4:3 compatible, LBX, Auto
<b>Throw Ratio</b>	1.48–1.62 (Distance/Width); ±5% Variance
<b>Projection Distance</b>	4'11"–32'10" (1.5–10 m)
<b>Image Size</b>	41.8"–305" (1.06–7.7 m)
<b>Projection Lens</b>	F=2.55–2.67, f=21.9–24 mm, Manual Focus
<b>Optical Zoom</b>	1.1x
<b>Digital Zoom</b>	0.8~2.0x
<b>Audio</b>	10-Watt speaker
<b>Noise Level</b>	26dB
<b>Remote Control</b>	IR remote control
<b>Operating Temperature</b>	5~40°C (Bright mode and ECO mode)
<b>Power Supply</b>	AC Input 100–240V, 50–60Hz, auto-switching
<b>Power Consumption</b>	279W Max/254W Typical (Bright mode) and 216W Max/196W Typical (ECO mode)
<b>High Altitude</b>	Operating Temp @ Sea Level to 10000 feet = 23C (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

### COMPATIBILITY SPECIFICATIONS

<b>Computer Compatibility</b>	WUXGA, UXGA, SXGA+, WXGA+, WXGA, SXGA, XGA, SVGA, VGA
<b>Video Compatibility</b>	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
<b>3D Compatibility<sup>3</sup></b>	Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e 60 or 72 frames per eye). 3D glasses are needed and are sold separately. Refer to user manual for details.
<b>Vertical Scan Rate</b>	24–85Hz, (120Hz for 3D)
<b>Horizontal Scan Rate</b>	15.375–91.146KHz
<b>User Controls</b>	Complete on-screen menu, adjustments in 27 languages
<b>I/O Connection Ports</b>	2x HDMI, VGA-In, mini USB (Service Only), RS-232C, USB-A (USB Power Only)

### PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® lock, security bar and keypad lock
<b>Weight</b>	5.7 lb (2.6 kg)
<b>Dimensions (W x H x D)</b>	12.4" x 3.9" x 8.8" (315 x 99 x 224 mm)



#### Warranty

1-Year Express Service, 90-Days on Lamp

#### What's in the Box (Standard Accessories)

DH1012 Projector, AC Power Cord, VGA Cable, Remote Control, Batteries for Remote, Lens Cap, Carrying Case, Multilingual CD-ROM User's Manual, Quick Start Guide, and Warranty Card

#### Optional Accessories

Universal ceiling mount, Optoma screen, wireless HDMI system, Cat6 HDBaseT kit, DLP® Link™ 3D glasses and VGA dongle

#### Accessory Part Numbers

Lamp: SP.70201GC01	Remote: SP.70103GC01
DLP® Link™ 3D Glasses: ZD302	VGA dongle: BI-EXTBG03
Single-Cat6 HDBaseT kit: EVBMN-M110	Wireless HDMI system: WHD200
Universal ceiling mount: OCM818W-RU	Universal ceiling mount: BM-5001U
Universal ceiling mount: OCM815B	Carrying case: SP.8VH03GC01

UPC 796435 41 993 6

www.OptomaUSA.com



<sup>1</sup>Lamp life is dependent on many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

<sup>2</sup>Before ECO+ can be enabled you must enable Dynamic Dimming (under Lamp Settings)

<sup>3</sup>3D content can be viewed with DLP Link active shutter 3D glasses when projector is used with a compatible 3D player. Please visit www.OptomaUSA.com for more information.