

# GT1080Darbee

Short Throw Gaming with DarbeeVision



COLORFUL. FAST. SHARP.



Next Generation DarbeeVision Processor enhances textures and depth in gaming graphics and HD video



Project a large 100" image from a distance of only 3.5 feet away \*



Enhanced Gaming Mode enables best-in-class performance with 16ms input lag



Full HD 1080p and 3000 lumens combine to deliver breathtaking gaming visuals



28,000:1 contrast ratio delivers amazing black levels in FPS and survival horror genre games



Reference Display Mode enables highly accurate color via REC.709 HDTV color gamut

Full HD  
1080p



Full 3D

REC.709

Short  
Throw

16ms  
Response Time



The Optoma GT1080Darbee short throw gaming projector is the successor to Optoma's award-winning GT1080. Featuring a comfortable 0.49 throw ratio, the GT1080Darbee can easily be placed on a coffee table, TV stand or entertainment center and comes equipped with an Enhanced Gaming Mode with 16ms input lag, enabling faster response times that keep players competitive in every game.

The integrated DarbeeVision™ image enhancement technology utilizes neuro-biologic algorithms to achieve unprecedented detail in skin tones, textures and reflective surfaces while delivering superior depth, object separation and automatic removal of unsightly artifacts. The mind-blowing results, are games that are simply larger-than-life.

The GT1080Darbee's Reference Display Mode enables accurate color via REC.709 HDTV color space for rich vivid colors in Blu-ray movies, HDTV programming, home videos and photos. Featuring 8,000 hours of lamp life, the GT1080Darbee requires very little maintenance, allowing users to game for hours on end without worry.



Computers



Smart  
Phones



Tablets



3D Blu-ray/DVD Players



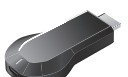
Camcorders



Game  
Consoles



Apple TV®



Chromecast™

# SHORT THROW GAMING WITH DARBEEVISION

## OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
Color Wheel	Integrated DarbeeVision™ Image Enhancement Processor technology with Deep Color, 30-bit 4:4:4, split screen demo mode, slider demo mode, and 3 enhancement profiles (Hi-Def, Gaming & Full Pop)
Native Resolution	1920x1080 Full HD 1080p
Maximum Resolution	1920x1200 WUXGA
Brightness	3000 Lumens
Contrast Ratio	28,000:1
Displayable Colors	1.07 Billion
Lamp Type and Life*	8000/6000/5000 (Dynamic/ECO/Bright)
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±40° Vertical
Uniformity	80%
Offset	116%
Aspect Ratio	16:9 Native, 4:3 compatible
Throw Ratio	0.49:1 (distance/width), ±3% Variance
Projection Distance	1.64'-11' (0.5-3.35 m)
Image Size	45.3" - 303.2"
Projection Lens	F=2.8, f=7.42 mm and focus
Digital Zoom	0.8 ~ 2.0
Optical Zoom (fixed)	No Zoom Function. Please calculate required distance before installing mount and projector.
Audio	10W Speakers (2x)
Noise Level	26dB (Eco)
Remote Control	Backlit IR remote control
Operating Room Temperature	41-104°F (5-40°C), 85% max humidity
Power Supply	AC Input 100-240V, 50-60Hz, auto-switching
Power Consumption	238W Typical (Bright mode), 262W Max (Bright mode), 195W Typical (Eco mode), 215W Max (Eco mode)
High Altitude	Operating Temp @ Sea Level to 10000 feet = 73F (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

## COMPATIBILITY SPECIFICATIONS

Computer Compatibility	WUXGA, UXGA, SXGA+, WXGA+, WXGA, SXGA, XGA, SVGA, VGA
Video Compatibility	NTSC, PAL, SECAM, SDTV (480i), EDTV, (480p), HDTV (720p, 1080i/p)
3D Compatibility†	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.
Vertical Scan Rate	24-85Hz, (120Hz for 3D)
Horizontal Scan Rate	15.375-91.146KHz
User Controls	Complete on-screen menu, adjustments in 27 languages
I/O Connection Ports	Two HDMI v1.4a, 3D VESA, audio-out, USB mini-B, 12V trigger
Input Lag Latency (via Enhanced Game Mode)	16ms
Loop Through (Audio)	Yes

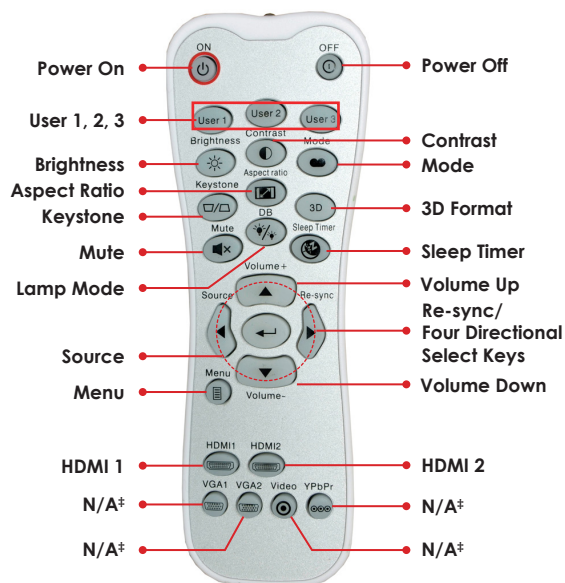
## PHYSICAL SPECIFICATIONS

Security	Kensington® lock, security bar and keypad lock
Weight	5.5lbs.
Dimensions (W x H x D)	12.37" x 3.5" x 8.8"

## BACK



1. 3D Vesa
2. HDMI 1 / MHL
3. 12V Out
4. HDMI 2
5. Stereo Audio-Out
6. USB Power (A port)
7. Power



\*Function not supported by the projector

## Warranty

1-Year Limited Parts and Labor, 90-Days on Lamp

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

GT1080Darbee projector, carrying case, lens cap, AC power cord, remote control, batteries for remote, multilingual CD-ROM, user's manual, quick start card, and warranty card

## Optional Accessories

Ceiling mount, Optoma screen, DLP® Link™ 3D glasses, RF 3D glasses, RF 3D emitter, wireless HDMI system and HDBaseT kit

## Accessory Part Numbers

Lamp: BL-FP195B  
 Mount: BM-5001U  
 3D emitter: BC300DLP® Link™  
 RF 3D glasses: ZF2300GLASSES  
 DLP® Link™ 3D glasses: BG-ZD301  
 Single-Cat6 HDBaseT kit: EVBMN-M110

Remote: SP:8ZE01GC01  
 Wireless HDMI system: WHD200  
 3D glasses: BG-ZD301  
 RF 3D emitter: BC300  
 Carrying case: SP:8VH03GC01

## UPC

796435 81 259 1

\* GT1080DARBEE features a short-throw lens with NO ZOOM functionality. Please calculate required distance before installing mount and projector.