






# MULTIMEDIA PROJECTOR TW556-3D



## PROJECTION POWERHOUSE MAXIMIZES IMAGE QUALITY



-  High contrast ratio ensures optimal pictures and video quality
-  Robust lamp life maximizes total cost of ownership
-  Top-loading lamp design eases and speeds maintenance
-  Comprehensive connectivity provides ultimate flexibility
-  Included IR remote with mouse control supports easy presentations



Optoma's TW556-3D WXGA projector brings together powerful capabilities in a compact projector to create the finest set of features for mainstream projection from classroom to boardroom. Supports 2800 lumens brightness and 10,000:1 contrast ratio to deliver clear and colorful text, graphics and videos. Meanwhile, two VGA ports and one HDMI port allow for quick and easy connection to a variety of sources. This projector is built to help users minimize total cost of ownership, with long lamp life that ensures years of excellent service.

**CONNECTIVITY** (May require optional accessories)

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# MULTIMEDIA PROJECTOR — TW556-3D

## OPTICAL/TECHNICAL SPECIFICATIONS

|                                     |  |
|-------------------------------------|--|
| <b>Display Technology</b>           | Single 0.65" DMD DLP Technology by Texas Instruments           |
| <b>Native Resolution</b>            | WXGA (1280 x 800)  |
| <b>Maximum Resolution</b>           | UXGA (1600 x 1200) & 1080p (1920 x 1080)                       |
| <b>Brightness</b>                   | 2800 ANSI lumens   |
| <b>Contrast Ratio</b>               | 10,000:1 (full on/full off)                                    |
| <b>Displayable Colors</b>           | 1.07 Billion   |
| <b>Lamp Life and Type*</b>          | 6500/5000/4500 Hours (Eco+/Eco/normal)<br>190W Philips         |
| <b>Projection Method</b>            | Front, rear, ceiling mount, table top                          |
| <b>Keystone</b>                     | ±40° Vertical  |
| <b>Uniformity</b>                   | > 85%  |
| <b>Aspect Ratio</b>                 | 16:10 Native, 16:9 and 4:3 compatible                          |
| <b>Throw Ratio (Distance/Width)</b> | 1.55 to 1.7 (distance/width)                                   |
| <b>Projection Distance</b>          | 3.3' to 39.4' (1 to 12 m)                                      |
| <b>Image Size (Diagonal)</b>        | 27.2" to 301" (0.7 to 7.64 m)                                  |
| <b>Projection Lens</b>              | F=2.5 ~ 2.67, f=21.8 ~ 23.98 mm,<br>1.1x manual zoom and focus |
| <b>Offset</b>                       | 112%   |
| <b>Audio</b>                        | 2-Watt speaker   |
| <b>Noise Level</b>                  | 32dB/34dB  |
| <b>Remote Control</b>               | IR remote mouse control with laser                             |
| <b>Operating Temperature</b>        | 41 to 113° F (5 to 45° C), 85% max humidity                    |
| <b>Power Supply</b>                 | AC Input 100-240V, 50-60 Hz, auto-switching                    |
| <b>Power Consumption</b>            | Max 263W (Normal), 200W (Eco+),<br><0.5W (standby-ECO)         |

## COMPATIBILITY SPECIFICATIONS

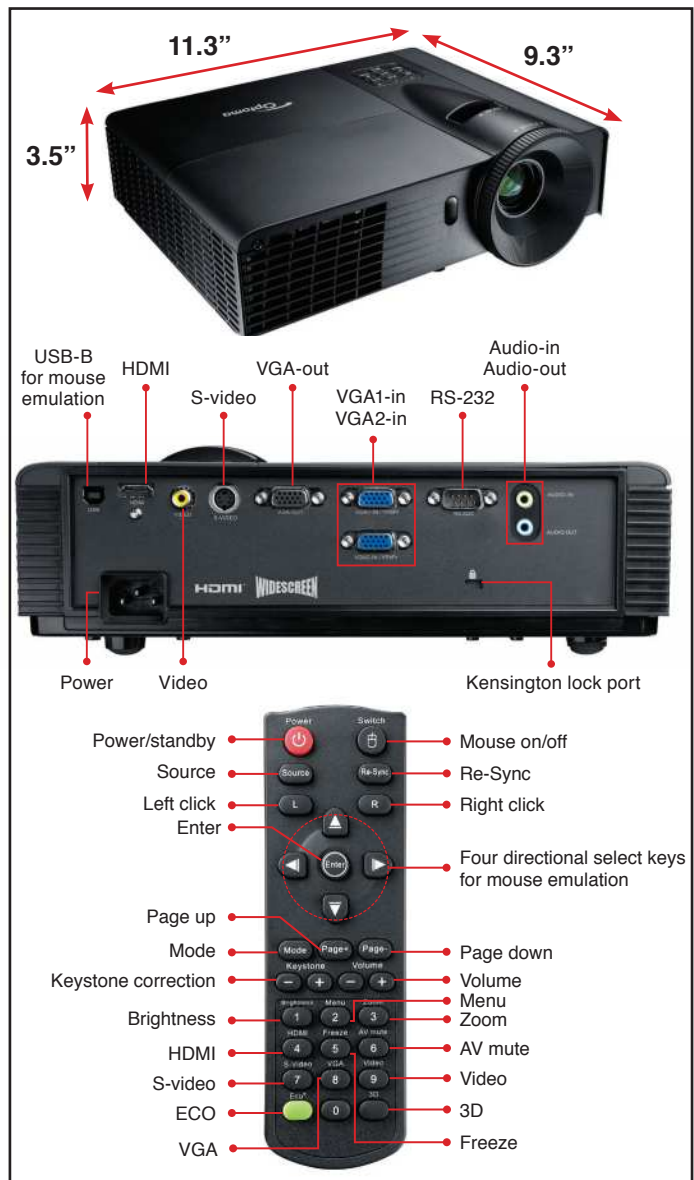
|                                  |   |
|----------------------------------|---|
| <b>Computer Compatibility</b>    | UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized, VESA, PC and Macintosh compatible                        |
| <b>Video Input Compatibility</b> | NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)  |
| <b>3D Compatibility**</b>        | 120Hz frame sequential 3D for resolutions up to 720p, 60Hz field sequential 3D for resolutions up to 480i |
| <b>Vertical Scan Rate</b>        | 24 to 85 Hz, 120 Hz   |
| <b>Horizontal Scan Rate</b>      | 15.3 to 91.1 KHz  |
| <b>User Controls</b>             | Complete on-screen menu, adjustment in 27 languages   |
| <b>I/O Connection Ports</b>      | HDMI v1.3, two VGA-in, VGA-out, S-video, composite video, audio-in, audio-out, RS-232, USB-B              |
| <b>Loop Through (Audio, VGA)</b> | Monitor: D-Sub 15 pin VGA output (functional in normal and standby modes)                                 |

## PHYSICAL SPECIFICATIONS

|                               |   |
|-------------------------------|---|
| <b>Security</b>               | Kensington® lock port, security bar and keypad lock |
| <b>Weight</b>                 | 5 lbs (2.27 kg)                                     |
| <b>Dimensions (W x H x D)</b> | 11.3" x 3.5" x 9.3"                                 |

\*Lamp life is dependent upon many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

\*\*3D content can be viewed with active LCD shutter glasses or RF glasses when projector is used with compatible 3D player. Please visit [www.optoma.com](http://www.optoma.com) for more information.



### Warranty

3-year Optoma Express Replacement Service, One-year on lamp

### What Comes in the Box

AC power cord, VGA to VGA cable, remote control, batteries for remote, carrying case, multilingual CD-ROM user's manual, quick start card and warranty card

### Optional Accessories

HDMI cable, ceiling mount, VGA to component cable, S-video cable, composite video cable, RS-232 cable and Optoma screens

### Part Numbers

Lamp: BL-FU190A

Remote: BR-5041L

### UPC

796435 41 794 9

[www.OptomaUSA.com](http://www.OptomaUSA.com)



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