

## TX612-3D – Multimedia Projector

### High-Brightness Multimedia Projector

The Optoma TX612-3D delivers dazzling, vibrant images even in challenging ambient light conditions, making it your projector of choice for nearly any classroom, large meeting room or conference room. The TX612-3D is equipped with the latest color and image processing technologies from Texas Instruments to easily deliver brilliant presentations. Dazzle your audience with this versatile performer – the perfect solution that provides a great image every time you turn it on!

### Features

- Easy-to-read text – Bright at 3500 ANSI lumens and 3000:1 high contrast ratio
- Standby VGA and audio pass-thru feature reduces power consumption
- Wireless connectivity with optional dongle
- Rapid power-on and shutdown – Saves you time
- Protect your investment – Control panel lock and password protection allow you to customize security settings

### Specifications

**Display Technology**  
Single 0.55" DMD DLP®  
Technology by Texas Instruments

**Resolution**  
Native XGA (1024 x 768)

**Maximum Resolution**  
UXGA (1600 x 1200)

**Brightness (Typical)**  
3500 ANSI Lumens

**Contrast Ratio**  
3000:1 (Full On/Full Off)

**Lamp Life and Type**  
4000/3000 Hours (STD/Bright)  
230W P-VIP

**Throw Ratio**  
1.95 to 2.15:1 (Distance/Width)

**Projection Distance**  
3.93' to 39.3 (1.2 to 12m)

**Image Size (Diagonal)**  
27.5" to 303" (0.7 to 7.69m)

**Aspect Ratio**  
4:3 Native, 16:9 and 16:10  
Compatible

**Audio**  
2-Watt Speaker

**Offset**  
115%

**Displayable Colors**  
1.07 Billion

**Uniformity**  
85%

**Remote Control**  
IR Remote Control

**Computer Compatibility**  
UXGA, WXGA, SXGA+, SXGA, XGA,  
SVGA, VGA Resized, VESA, PC and  
Macintosh Compatible

**Video Compatibility**  
NTSC, PAL, SECAM, SDTV (480i), EDTV  
(480p), HDTV (720p, 1080i/p)

**Loop Through**  
Monitor: D-Sub 15-Pin VGA Output  
Audio: Mini-Jack Stereo Output  
(Functional in Both Normal and Standby  
Modes)

**Projection Lens**  
F=2.4-2.55, f=21.8-24mm, 1.1x Manual  
Zoom and Focus

**User Controls**  
Complete On-Screen Menu Adjustments  
in 23 Languages

**I/O Connectors**  
Two VGA-In, VGA-Out, S-Video,  
Composite Video, Stereo Audio-In,  
Stereo Audio-Out, RS-232 and USB

**3D Compatibility**  
120Hz Frame Sequential 3D for  
Resolutions Up to 720p, 60Hz Field  
Sequential 3D for Resolutions Up to 480i

**Security**  
Kensington® Lock, Security Bar and  
Keypad Lock

**Projection Options**  
Front, Rear, Ceiling Mount, Table Top

**Weight**  
6.4 lbs (2.9kg)

**Dimensions (W x H x D)**  
12.76" x 3.82" x 9.21"  
(324 x 97 x 234 mm)

**Noise Level (STD/Bright)**  
29dB/31dB



**Keystone Correction**  
±40° Vertical

**Horizontal Scan Rate**  
15.3 to 91.1 KHz

**Vertical Refresh Rate**  
24 to 85 Hz, 120 Hz

**Operating Temperature**  
41 to 104°F (5 to 40°C), 80% Max  
Humidity

**Power Supply**  
AC Input 100-240V, 50-60Hz,  
Auto-Switching

**Power Consumption**  
295 Watts (Bright), 243 Watts (STD),  
<1 Watt (Standby)

**Standard Accessories**  
AC Power Cord, VGA to VGA Cable,  
Remote Control, Batteries for Remote,  
Carrying Case, Lens Cap, CD-ROM  
User's Manual, Quick Start Card and  
Warranty Card

**Optional Accessories**  
Ceiling Mount, Wireless Dongle, VGA  
to Component Cable, S-Video Cable,  
Composite Video Cable, RS-232 Cable  
and Panoview™ Series Screens, DLP  
Link Glasses

**Warranty**  
3-Year Optoma Express Replacement  
Service, 1-Year Lamp

**UPC**  
796435 41 733 8

**Accessory Part Numbers**  
Lamp: BL-FP230D  
Remote: BR-3044N  
Mount: BM-5001U  
Case: BK-4028  
Wireless Dongle: BI-EXTGB02