

## TX612 – Multimedia Projector

### High Brightness Multimedia Projector

The Optoma TX612 delivers dazzling, vibrant images even in challenging ambient light conditions, making it your projector choice for nearly any classroom, large meeting room or conference room. The TX612 is equipped to easily deliver brilliant presentations with the latest color and image processing technologies from Texas Instruments. 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 – saving you time
- Filter-free design means low cost of ownership
- 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

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

**Projection Method**  
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**  
25 to 85 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**  
328 Watts (Bright), 272 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

**Warranty**  
3 Years Optoma Express  
Replacement Service, 1 Year on Lamp

**UPC**  
796435 41 144 2

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