

# TX650 Projector

## Brilliant Picture, Incredible Price

Optoma's TX650 is a versatile and sturdy multimedia projector. It has been designed to deliver bright, large-screen images in a variety of environments. With DLP® technology from Texas Instruments, the Optoma TX650 shines bright.



## Features

- 2000 lumens for bright images
- Superior 2200:1 contrast ratio
- Native XGA (1024 x 768) resolution for sharp picture quality
- User password security locking system
- Fully HDTV compatible (720p, 1080i)

## Specifications

### Brightness

2000 Lumens

### Resolution

Native XGA (1024 x 768)

### Contrast Ratio

2200:1

### Lamp Life and Type

2000/3000 Hours (STD/ECO)  
180W SHP

### Display Type

Single 0.55" DDR DMD™ DLP  
Technology by Texas Instruments

### Throw Ratio

1.94 to 2.13:1 (Distance/Width)

### Projection Distance

3.9' to 39'

### Image Size

34" to 306"

### Aspect Ratio

4:3 Native, 16:9 & 5:4 Compatible

### Vertical Refresh Rate

56 to 85 Hz

### Keystone Correction

±16° Vertical

### Displayable Colors

16.7 Million, 256 Shades of Gray

### Uniformity

85%

### Remote Control

Full Function IR Remote

### Computer Compatibility

Supports All Resolutions Up to SXGA+; PC and Macintosh  
Compatible

### Video Compatibility

NTSC, PAL, SECAM,  
HDTV (480p, 576p, 720p, 1080i)

### Projection Lens

F=2.35~2.47, f=21.83~23.81 mm,  
1:10x Manual Zoom and Focus

### User Controls

Advanced Adjustability Options  
Through the On-Screen Display

### I/O Connection Ports

VGA-In, Composite RCA Video,  
S-Video, RS-232, DVI-I w/ HDCP

### Projection Method

Front, Rear, Table Top and  
Ceiling Mount

### Weight

4.4 lbs

### Dimensions (W x H x D)

9" x 8.26" x 3.74"  
(230 x 210 x 95mm)

### Noise Level

32dB (ECO)

### Operating Temperature

5 to 35°C, 80% Max Humidity

### Storage Temperature

-20 to 60°C, 80% Max Humidity

### Power Supply

100-240 Volts, 50 to 60 Hz

### Power Consumption

260W, <10W Standby Power

### Warranty

Three Years Optoma Express  
Replacement Service,  
One Year on Lamp

### Standard Accessories

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

### Optional Accessories

15-pin to 3 RCA  
Component-HDTV Adapter,  
S-Video Cable, Composite Video  
Cable, RS-232 Cable, SCART  
Adapter and GrayWolfII™ Series  
Screens

### UPC

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