TX7855 – Installation Projector

Maximum Flexibility for Customized Installations

Optoma's TX7855 provides performance and flexibility to meet the most demanding large-venue installation challenges. Powered with 4800 ANSI lumens and the latest in image and color enhancement technologies, the TX7855 ensures excellence in projection performance. Standard, long and short throw lens options, optimized with PureOptics ED-glass lens elements, create consistently high picture quality at a wide range of projection distances. Vertical and horizontal lens shift further increases the extensive range of installation options. With its wide array of inputs and management options, the TX7855 is your ideal solution for large-venue projection needs.

* 3D content can be viewed with active LCD shutter glasses when the projector is connected to a computer with a compatible 3D graphics card. Please visit www.optoma.com for more information.

Features

- 4800 ANSI lumens of brightness project crystal clear images that are easily viewable by audiences seated in large venues such as auditoriums and lecture halls
- Flexible projector placement with extensive vertical and horizontal lens shift
- Three lens choices with easy-to-change bayonet mounts create a wide range of projection distance and image size options
- Remote monitoring and control capabilities over a LAN network via integrated RJ45 connection – compatible with Crestron RoomView™
- Complete security features limit unintended changes to projector settings and lock out unauthorized users

Specifications

Display Technology
Single 0.7" DarkChip3 DLP Technology by Texas Instruments

Resolution
Native XGA (1024 x 768)

Maximum Resolution
UXGA (1600 x 1200)

Brightness (Typical)
4800 ANSI Lumens

Contrast Ratio
2000:1 (Full On/Full Off)

Lamp Life** and Type
3000/2000 Hours (STD/Bright)
330W P-VIP

Aspect Ratio
4:3 Native, 16:9 Compatible

Lens Shift
Vertical -15% to +50% Image Height
Horizontal ±10% Image Width

Horizontal Scan Rate
15 to 91 kHz

Vertical Scan Rate
43 to 87 kHz

Keystone Correction
±30° Vertical

Security
Kensington® Lock, Security Bar and Keypad Lock

Uniformity
85%

Displayable Colors
1.07 Billion

**Projector ships lensless. Lenses are sold separately.

Audio
Two 3-Watt Speakers

User Controls
Complete On-Screen Menu Adjustments in 23 Languages

Remote Control
Fully Featured IR Remote with Mouse and Laser Pointer

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

Video Compatibility
NTSC, PAL, SECAM, SDTV (480i/576i), EDTV (480p/576p, HDTV (720p, 1080i/p)

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

Monitor Loop Through
D-sub 15-pin VGA Output (Functional in Both Normal and 5W Standby Modes)

Projection Method
Front, Rear, Ceiling Mount, Table Top

Closed Captioning
Enabled via On-Screen Menu

Noise Level
31dB

I/O Connection Ports
HDMI, DVI-D w/ HDCP, Two VGA-In, VGA-Out, S-Video, Composite Video, Component Video, Five BNC (RGBHV/YPbPr), Three Stereo Mini Jack Audio-In, Two RCA Stereo Audio-In, Audio -Out, USB, RS-232, RJ45, and Two 12V Triggers

Weight
18.1 lbs (8.2 kg) w/o Lens

Dimensions (W x D x H)
16.9" x 13.4" x 7.1"
(430 x 340 x 181mm)

Operating Temperature
41 to 104°F (5 to 40°C), 85% Max Humidity, Adjustable Fan Speed for High Altitude Application

Power Consumption
430 Watts Max (Bright), 390 Watts (STD), <1 Watt (Standby)

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

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

Optional Accessories
Lens Throw Options, Wireless Dongle, Ceiling Mount, S-Video Cable, Audio-Out Adapter, HDMI Cable, DVI Cable, Panoview™ Series Screens

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

UPC
796435 41 74 9

Accessory Part Numbers
Lamp: BL-FP330B
Remote: BR-5032L
Mount: BM-5001U
Wireless Dongle: BI-EXTGB

Lens Throw Options* (PureOptics)			
	Standard Throw Lens	Long Throw Lens	Short Throw Lens
Throw Ratio (Distance/Width)	1.60 to 2.00:1	2.00 to 3.00:1	0.80:1
Recommended Projection Distance	4.9' to 23.0' (1.5 to 7m)	6.6' to 65.6' (2 to 20m)	1.6' to 9.8' (0.5 to 3m)
Recommended Image Size (Diagonal)	36.8" to 216" (0.93 to 5.49m)	33.0" to 492" (0.84 to 12.5m)	30.0" to 184" (0.76 to 4.67m)
Projection Lenses	F=2.46-2.56, f=22.8-28.5 mm, 1.25x Manual Zoom and Focus	F=2.5-3.1, f=28.5-42.75 mm, 1.5x Manual Zoom and Focus	F=2.5, f=11.5 mm, Manual Focus
Weight w/Projector	18.9 lbs (8.6 kg)	18.9 lbs (8.6 kg)	19.1 lbs (8.7 kg)
Part Number	BX-DL200	BX-DL300	BX-DL080