

EX542 – Multimedia Projector

Brilliant Images and Powerful Performance

Optoma's EX542 is a powerful performer that will help to improve communication with your audience. Brilliant images, a built-in 10-watt speaker system, and a presentation remote with laser pointer empower you to rule the room. The EX542 is affordable to own and maintain. Filter-free design, a long-life DLP® chip, extended lamp life setting and low power consumption will help to save you money in the long run. Equipped with the latest color processing technologies from Texas Instruments and user-friendly features, the EX542 is a fully loaded all-in-one digital multimedia projector.

Features

- Easy-to-read text – bright at 2800 ANSI lumens and high 3000:1 contrast ratio
- Logo capture and display at start-up
- Eco-friendly power consumption – sub-one watt standby mode
- Built-in 10-watt speaker system
- Remote management and control via RS-232 or RJ45
- Broad range of audio and video connectivity
- Built-in closed captioning

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)

2800 ANSI Lumens

Contrast Ratio

3000:1 (Full On/Full Off)

Lamp Life and Type

5000/4000 Hours (STD/Bright)
180W P-VIP

Throw Ratio

1.6 to 1.92:1 (Distance/Width)

Projection Distance

3.93' to 32.8' (1.2 to 10m)

Image Size (Diagonal)

30" to 307" (0.92 to 9.21m)

Aspect Ratio

4:3 Native, 16:9 and 16:10
Compatible

Remote Control

Fully Featured IR Remote with
Mouse and Laser Pointer

Audio

Two 5-Watt Stereo Speakers

Displayable Colors

1.07 Billion

Offset

115%

Uniformity

85%

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: Stereo Mini-Jack Output
(Functional in Both Normal and
Standby Modes)

Projection Lens

F= 2.4-2.66, f= 18.2-21.8mm,
1.2x Manual Zoom and Focus

User Controls

Complete On-Screen Menu
Adjustments in 23 Languages

I/O Connectors

HDMI, Two VGA-In, VGA-Out,
S-Video, Composite Video, Three
Stereo Audio-In, Stereo Audio-Out,
RJ45, RS-232 and USB

Security

Kensington® Lock, Security Bar and
Keypad Lock

Projection Method

Front, Rear, Ceiling Mount, Table Top

Keystone Correction

±40° Vertical

Horizontal Scan Rate

15.3 to 91.1 KHz

Vertical Refresh Rate

25 to 85 Hz

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

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

255 Watts (Bright), 233 Watts
(STD), <1 Watt (Standby)

Warranty

One Year Limited Parts and Labor,
90 Days on Lamp

Standard Accessories

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

Optional Accessories

Wireless Dongle, Ceiling Mount,
HDMI Cable, VGA to Component
Cable, S-Video Cable, Composite
Video Cable, RS-232 Cable and
Panoview™ Series Screens

UPC

796435 41 102 2

Accessory Part Numbers

Lamp: BL-FP180E
Remote: BR-5030L
Mount: BM-5001U
Case: BK-4028
Wireless Dongle: BI-EXTGB

