

# EP749 Projector

## Small in Size...Big in Features

Optoma's EP749 is a lightweight, multimedia data projector that features DLP® technology, native XGA resolution and 2500 lumens of brightness. Weighing only 4.4 pounds, the portable EP749 is HDTV compatible and has a number of connectivity options for multiple video sources. The Optoma EP749 offers a sturdy, well-built solution for environments that demand crisp image quality.



## Features

- True XGA (1024 x 768) resolution with SXGA+ compression
- 2500 lumens rating with 2200:1 contrast ratio
- HDTV compatible (720p, 1080i)
- Convenient DVI-D w/HDCP, component, composite, and s-video inputs
- Adjustable cooling fan speed settings for higher altitudes
- Weighs 4.4 pounds



## Specifications

### Brightness

2500 ANSI Lumens

### Resolution

Native XGA (1024 x 768)

### Contrast Ratio

2200:1

### Lamp Life

2000/3000 Hours (STD/ECO)

### Lamp Type

230W SHP

### Display Type

Single 0.55" DDR DMD™ DLP® Technology by Texas Instruments

### Throw Ratio

1.93-2.13:1 (Distance/Width)

### Projection Distance

4.8' to 39.4' (1.5 to 12 m)

### Image Size

34.67" to 305" (0.9 to 7.7 m)

### Aspect Ratio

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

### Horizontal Scan Rate

31.5 to 80 kHz

### Vertical Refresh Rate

56 to 85 Hz

### Keystone Correction

± 16° Vertical

### Audio:

One Internal 2-Watt Speaker

### Displayable Colors

16.7 Million, 256 Shades of Gray

### Uniformity

85%

### Remote Control

Fully Featured IR Remote with Laser Pointer

### Computer Compatibility

XGA, SVGA, VGA, SXGA+ Resized, VESA, PC and Macintosh Compatible

### Video Compatibility

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

### Monitor Loop Through

D-Sub 15-pin VGA Output (Functional in Both Normal and Standby Modes)

### Projection Lens

F=2.35~2.47, f=21.83~23.81 mm, 1.1x Manual Zoom and Focus

### User Controls

Advanced Adjustability Options through the On-Screen Display

### I/O Connection Ports

DVI-D w/HDCP, D-Sub 15, VGA for Monitor Loop Through, S-Video, Composite Video, Audio Mini-Jack, RS-232

### Projection Method

Front, Rear, Table Top and Ceiling Mount

### Weight

4.4 lbs (2 kg)

### Dimensions (W x H x D)

9.3" x 3.8" x 8.2"  
(238 x 96 x 210mm)

### Operating Temperature

5 to 35°C, 80% Max Humidity

### Storage Temperature

-20 to 60°C, 80% Max Humidity

### Noise Level

33dB/28dB (ECO/STD)

### Power Supply

100-240 Volts, 50-60Hz

### Power Consumption

190W, <10W Standby Power

### Standard Accessories

AC Power Cord, VGA-VGA Cable, RS-232 Cable, Composite Video Cable, Remote Control, Batteries for Remote, CD-ROM User's Manual, Quick Start Guide, Warranty Card, Lens Cap and Carrying Case

### Optional Accessories

15-pin to 3 RCA Component-HDTV Adapter, S-Video Cable, DVI to HDMI Adapter, GrayWolfII™ Series Screens, Ceiling Mount and Gold Service Warranty

### Warranty

1 Year Limited Parts and Labor, 90 Days Lamp

### UPC

796435 11 315 5