

## Versatile, High-Performance Business Projector



## Super Bright, 3000 Lumen, Business Projector

The Optoma EP747: A versatile high-performance projector, ideally suited to installation and mobile applications. Equally at home in the boardroom, classroom, on the road or showing movies.

The exceptional brightness (3000 ANSI Lumens), staggering 2200:1 contrast ratio and XGA resolution, ensure that your presentations have serious impact. Enabled by Optoma's award winning design expertise and Texas Instruments DLP® technology.

- Superior Contrast of 2200:1 for unparalleled image clarity
- DVI-HDCP, dual VGA, SCART, Component, S-Video and Composite Video connectivity
- Four switched Audio inputs
- Exceptionally Quiet (28dB) for unobtrusive operation
- Easily portable, only 3.2kg
- sRGB and Photo mode for accurate colour matching
- 15 Second start-up time, 30 Second cool-down time
- 3000 Hour lamp life for low cost of ownership
- Full Function Remote control, with Mouse and LASER
- PIN number Security function

# EP747

## Digital DLP® Projector



### Excellent Connectivity

DVI, 2 VGA, S-Video, Composite  
With 4 audio inputs and SCART option.

### 6 preset user modes

PC, Photo, Video, Cinema, sRGB, User

### Remote Control with Mouse and LASER

Stay in control

### PIN Number Security

Keep this projector to yourself

### Short-Throw Lens Option

For bigger pictures from a shorter distance.

### Specification

<b>Display Technology</b>	Single 0.7" 12 Degree DDR DLP® Chip from Texas Instruments
<b>Resolution</b>	Native: XGA 1024 x 768 up to 1400 x 1050 SXGA+ compressed
<b>Brightness</b>	3000 ANSI Lumens
<b>Contrast</b>	2200:1
<b>Audible Noise</b>	28dB (ECO Mode)
<b>Aspect Ratio</b>	4:3/16:9
<b>Weight</b>	3.2 kg
<b>Computer Compatibility</b>	H.Sync 15 - 100kHz V.Sync 43 - 120Hz
<b>Video Compatibility</b>	PAL (625\576\p), SECAM, NTSC (525\480\p), HDTV (1080i, 720p)
<b>Uniformity</b>	85%
<b>Projection Lens</b>	f = 28.04 ~ 35.59 mm, F/2.4 ~ 2.65, Manual Focus.
<b>Throw Ratio</b>	2.0 ~ 2.4:1 (Projection Distance:Image Width)
<b>Zoom Type</b>	Manual. Zoom Factor 1.2x
<b>Projection Distance</b>	1.2m ~ 12m (3.94' ~ 32.8')
<b>Image Size</b>	0.63 ~ 7.5m (27.6" to 295") Diagonal 4:3
<b>Keystone Correction</b>	Vertical ±16 degrees
<b>Projection Types</b>	Front, Ceiling mounted, Rear, Rear ceiling mounted
<b>Lamp Type</b>	230 watt UHP
<b>Long Lamp Life</b>	3000 Hrs (ECO mode)
<b>Dimensions</b>	348 x 110 x 258mm W x H x D
<b>Power Supply</b>	100-240V, 50-60 Hz.
<b>Power Consumption</b>	320W Max Standby <15W
<b>Operating Conditions</b>	5°C ~ 35°C, Max. humidity 80%, Max. Altitude 3000m
<b>Preset Modes</b>	<p><b>PC</b> – Maximum brightness.</p> <p><b>Photo</b> – Photorealistic and bright</p> <p><b>Video</b> – Pleasing Video</p> <p><b>Cinema</b> – High contrast and colour accuracy</p> <p><b>sRGB</b> – Standardised accurate colour</p> <p><b>User</b> – Precise control for power users</p>

### Inputs

<b>Digital Video</b>	DVI HDCP (HDMI via optional adapter)
<b>PC1 RGB</b>	15 Pin D-Sub VGA
<b>PC2 RGB or SCART</b>	15 Pin D-Sub VGA (SCART RGB Adapter supplied)
<b>Analogue Component</b>	15 Pin D-Sub VGA (Component Adapter required)
<b>S-Video</b>	4 Pin Mini DIN
<b>Composite</b>	RCA Jack
<b>Stereo Audio</b>	4 x Mini Jack
<b>Serial Control</b>	RS232 Mini-DIN

### Outputs

<b>PC/Video</b>	15 Pin D-Sub (Monitor loop-through)
<b>Remote Mouse</b>	USB
<b>Audio</b>	1 x 3W internal mono amplifier and speaker Audio loop out
<b>Remote Control</b>	Infra-Red with Remote Mouse function via USB
<b>Warranty</b>	Three (3) years limited warranty 90 days for lamp
<b>Supplied accessories</b>	AC power cord 1.8m, 15-Pin VGA to 15-Pin VGA cable 1.8m, S-video cable 1.8m, RGB SCART to VGA Adapter, RS232 cable 1.8m, Carry bag, remote control, battery for remote, Lens cap, Users guide, Quick start guide, Warranty card, Troubleshooting Guide.

<b>Optional accessories</b>	Short-throw Lens, Ceiling Mount Kit, HDMI adapter, Component to D-Sub Adapter.
<b>Menu Languages</b>	18 Languages including: English, French, German, Italian, Spanish and Portuguese
<b>EAN Number</b>	5060059040902

<b>EP747 optical</b>	throw ratio	2	2.4
	focus range	1.2m	12m

all distances in metres except where stated

Projection Distance/Image Width						
Projection Distance(M)	Screen Width(Max)	Screen Width(Min)	Screen Height(Max)	4:3 Diagonal(Max)	Diag (Max) inches	Offset (m)
1.20	0.60	0.50	0.45	0.75	29.5	0.14
2.00	1.00	0.83	0.75	1.25	49.2	0.23
2.50	1.25	1.04	0.94	1.56	61.5	0.28
3.00	1.50	1.25	1.13	1.88	73.8	0.34
4.00	2.00	1.67	1.50	2.50	98.4	0.45
5.00	2.50	2.08	1.88	3.13	123.0	0.56
6.00	3.00	2.50	2.25	3.75	147.6	0.68
7.00	3.50	2.92	2.63	4.38	172.2	0.79
8.00	4.00	3.33	3.00	5.00	196.9	0.90
9.00	4.50	3.75	3.38	5.63	221.5	1.01
10.00	5.00	4.17	3.75	6.25	246.1	1.13
11.00	5.50	4.58	4.13	6.88	270.7	1.24
12.00	6.00	5.00	4.50	7.50	295.3	1.35

For guide purposes only



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\*Typical lamp life achieved through testing. Will vary according to operational use and environment conditions.

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