

EP745 Digital DLP™ Projector

Bright and Versatile Business Projector

The Optoma EP745 is a versatile high specification multi-media projector, equally at home in the boardroom, classroom, on the road or showing movies. Brighter and lighter, this projector packs more performance into a smaller box than ever before. The exceptional brightness, staggering 2000:1 contrast ratio and XGA resolution ensures that your presentations have serious impact. Enabled by Optoma's award winning design expertise and Texas Instruments DDR Digital Light Processing (DLP™) technology.

Brightness of **1800 lumens**, for powerful presentations in any environment.

Superior **Contrast of 2000:1** for unparalleled image clarity.

Convenient **DVI-HDCP, RGB SCART**, Component, S-Video and composite-video connectivity.

Exceptionally **Quiet 27dB** for unobtrusive operation.

Ultra portable **lightweight**, only **2.4kg**.

sRGB for accurate colour matching.

5000 Hour lamp life for low cost of ownership.

Short-Throw Lens option for a bigger picture in a smaller space.



Texas Instruments DLP™, 12°, Double Data Rate, Digital Mirror Device.

The most advanced XGA DLP™ chip currently available. The 12° mirror tilt combined with "Dark Metal" technology, enables the amazing 2000:1 contrast ratio – double that of traditional cinema.

Dual Mode

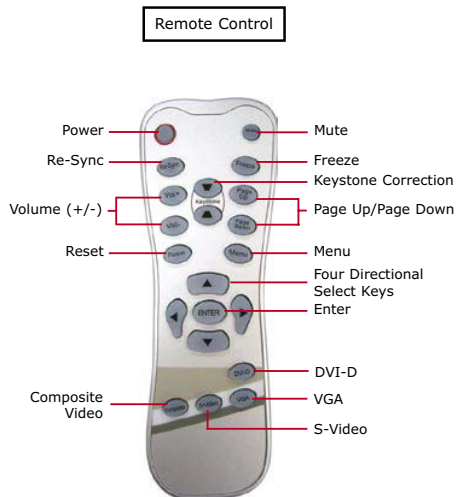
Brilliant at displaying Business Presentations in (4:3) mode or stunning Home Cinema widescreen (16:9) The EP745 is also small enough for portable applications displaying images from Computers, DVD players and games consoles.

SCART RGB Adaptor

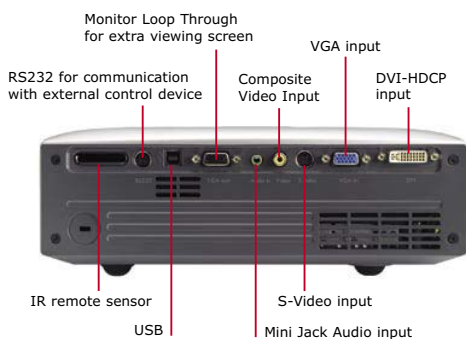
The unique SCART RGB adaptor supplied, enables high quality images from DVD players and Digital set-top boxes to be displayed by means of inexpensive and readily available VGA cables.

Optional Short-Throw Adaptor

Allows you to get a bigger picture from shorter projection distance. Great for small rooms. Project movies from your coffee table or presentations from your desktop. No need for long cable runs.



Onboard I/O Ports



Specifications

EP745

Display Technology	Single 0.7" 12 Degree DDR DLP™ Technology from Texas Instruments
Resolution	Native XGA 1024 x 768 XGA up to 1400 x 1050 SXGA + compressed
Brightness	1800 ANSI Lumens
Contrast	2000:1
Audible Noise ECO/STD	27/32dB
Aspect Ratio	4:3/16:9
Weight	2.4 kg
Computer Compatibility	H.Sync 31.5 - 100kHz V.Sync 43 - 120Hz
Video Compatibility	PAL, (625\576i)p, SECAM, NTSC (525\480i)p, HDTV (1080i, 720p)
Uniformity	85%
Projection Lens	f =28 ~ 35.6 mm, F/2.4 ~ 2.65, Manual Focus.
Throw Ratio	2.0 ~ 2.4:1 (Projection Distance:Image Width)
Zoom Type	Manual. Zoom 1:1.2x
Projection Distance	1.2m - 10m (3.94' - 32.8')
Image Size	0.63 - 5.21m (27.6" to 267.2") Diagonal 4:3
Keystone Correction	Vertical ±16 degrees
Projection Types	Front, Ceiling mounted, Rear, Rear ceiling mounted
Lamp Type	200 watt SHP
Long Lamp Life	3500/5000 Hours (ECO Mode)
Dimensions	265 x 104 x 236mm W x H x D
Power Supply	100-240V, 50-60 Hz.
Power Consumption	265W Max, Standby <15W
Operating Conditions	5°C - 35°C, Max. humidity 80%, Max. Altitude 3000m
Preset Modes	PC - Maximum brightness Movie - Maximum contrast and colour accuracy Game - Bright vivid colours. sRGB - Standardised accurate colour User - Precise control for power users

Inputs

Digital Video	DVI HDCP (HDMI via optional adapter)
PC RGB and RGB SCART	15 Pin D-Sub VGA (SCART RGB Adapter supplied)
Analogue Component	15 Pin D-Sub VGA
S-Video	4 Pin Mini Din
Composite	RCA Jack
Stereo Audio	Mini Jack
Serial Control	RS232 Mini-DIN

Outputs

PC/Video	15 Pin D-Sub (Monitor loop-through)
Remote to PC	USB
Audio	1 x 3W internal mono amplifier and speaker
Remote Control	Infra-Red with PC page up/down function via USB
Warranty	Three (3) years limited warranty, 90 days for lamp, Two (2) years limited warranty, 90 days for lamp (UK Only)
Supplied accessories	AC power cord 1.8m, 15-Pin VGA to 15-Pin VGA cable 1.8m, Composite video cable 1.8m, RGB SCART to VGA Adapter, remote control, battery for remote, Lens cap, Users guide, Quick start guide, Warranty card

Optional accessories

Optional accessories	Short-throw Lens, Ceiling Mount Kit, HDMI adaptor
Menu Languages	10 Languages including: English, French, German, Italian, Spanish and Portuguese
EAN Number	5060059040285

Due to a process of continuous improvement, specifications are subject to change without notice

PROJECTION DISTANCE/IMAGE WIDTH			
Projection Distance	Standard Lens Min. Width	Standard Lens Max. Width	Short-Throw Option Max. Width
1.20	0.50	0.60	0.72
2.00	0.83	1.00	1.20
3.00	1.25	1.50	1.80
4.00	1.67	2.00	2.40
5.00	2.08	2.50	3.00
6.00	2.50	3.00	3.60
7.00	2.92	3.50	4.20
8.00	3.33	4.00	4.80
9.00	3.75	4.50	5.40
10.00	4.17	5.00	6.00

All distances in metres and for indication only



UK ONLY



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