EP759/758 Digital DLP® Projector

Ultra Bright Powerhouse

Installation grade performance in a whisper quiet portable package. The EP759 and EP758 are perfect for a wide range of applications, from conference rooms to classrooms. Brighter and lighter, these projectors pack more performance into smaller boxes than ever before (EP759 - 3500 lumens, less than 3.5kg). The exceptional brightness, staggering 2000:1 contrast ratio and XGA resolution ensures that your images have serious impact.
Optimised preset modes enable stunning performance whatever your application.

Exceptional Brightness of **3500/3000 lumens**, for powerful presentations in any environment.
Superior **Contrast** at **2000:1** for unparalleled image clarity.
Convenient **DVI-HDCP**, **RGB SCART**, Component, S-Video and composite-video connectivity.
Patented **Tunnel Cooling System** for whisper quiet operation at 28dB.
Power saving **ECO mode** automatically selected when picture mute is enabled.
Incorporates Texas Instruments **DDR** Digital Light Processing Technology (**DLP®**).
Short-Throw Lens option for larger images and shorter projection distances.

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sRGB
HDTV COMPATIBLE
DVI HDCP COMPLIANT

Optoma

EP759/758

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

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

Dual Mode

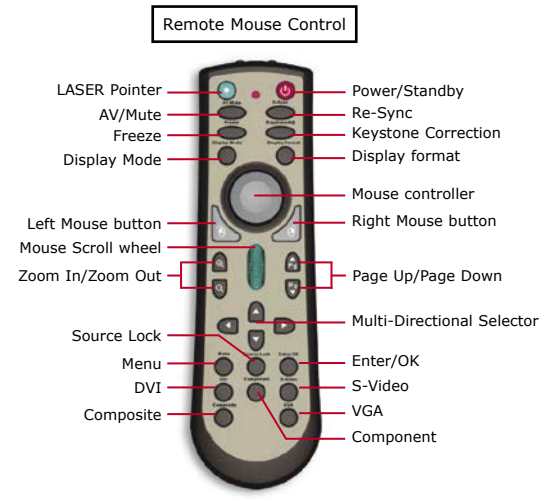
Brilliant at displaying Business Presentations in (4:3) mode or stunning home movies in widescreen (16:9). The EP759/8 is also small enough for portable applications displaying images from Computers, DVD players and games consoles.

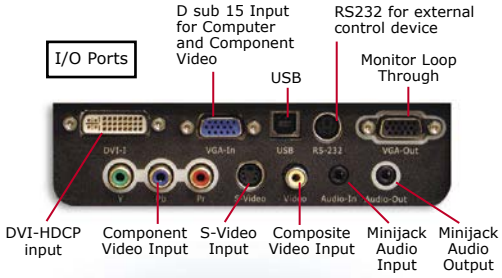
SCART RGB Adaptor

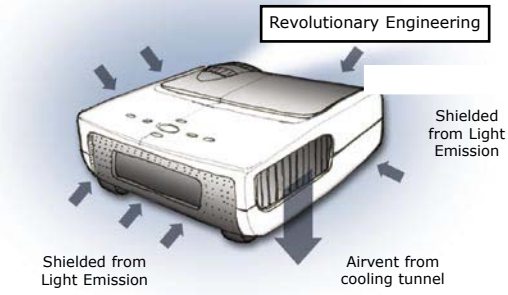
The unique SCART RGB adaptor supplied, enables high quality images from DVD players and Digital set-top boxes to be displayed by means of inexpensive and readily available VGA cables.

Optional Short-Throw Adaptor

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







Revolutionary Shield Design prevents unwanted light emissions and enables near silent operation. Through the strategic use of baffles within the cooling tunnel, air speeds are reduced resulting in a whisper quiet projector.

Specifications	759/758
Display Technology	Single 0.7" 12 Degree DDR DLP® Technology from Texas Instruments
Resolution	Native XGA 1024 x 768 XGA up to 1600 x 1200 UXGA compressed
Brightness	3500/3000 ANSI Lumens
Contrast	2000:1
Audible Noise ECO/STD	28/32dB
Aspect Ratio	4:3/16:9
Weight	3.4 kg
Computer Compatibility	H.Sync 31.5 - 100kHz V.Sync 43 – 120Hz
Video Compatibility	PAL, SECAM, (625\576i\p), NTSC (525\480i\p), HDTV (1080i, 720p)
Uniformity	85%
Projection Lens	f =28 ~ 33.6 mm, F/2.4 ~ 2.6, Manual Focus.
Throw Ratio	2.0 ~ 2.4:1 (Projection Distance:Image Width)
Zoom Type	Manual. Zoom 1:1.2x
Projection Distance	1.5m – 12m
Image Size	0.78 – 7.5m Diagonal 4:3
Keystone Correction	Horizontal and Vertical ±16 degrees
Projection Types	Front, Ceiling mounted, Rear, Rear ceiling mounted
Lamp Type	300 watt UHP/250 watt UHP
Long Lamp Life	3000 Hours (ECO Mode)
Dimensions	340 x 127 x 260mm W x H x D
Power Supply	100-240V, 50-60 Hz.
Power Consumption	360W Maximum. Standby <20W
Operating Conditions	5°C - 35°C, Max. humidity 80%, Max. Altitude 3000m
Preset Modes	Data – Maximum brightness Movie – Maximum contrast and colour accuracy Game – Bright vivid colours. sRGB – Standardised accurate colour User – Precise control for power users
Inputs	
Digital PC / Video	DVI (HDMI via Adapter)
PC RGB (1)	DVI Analogue Connector
PC RGB (2) / SCART RGB	VGA 15 Pin D-Sub
Analogue Component	3 x RCA Jack
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 Mouse	USB
Audio	Mini Jack and 2 x 2W internal amplifier and speakers
Remote Control	Infra-Red full-function with PC mouse and scroll wheel via USB, including LASER pointer
Warranty	Three (3) years limited warranty, 90 days for lamp (UK) Two (2) years limited warranty, 90 days for lamp
Menu Languages	10 Languages including: English, French, Italian, German, Spanish and Portuguese
Supplied accessories	AC power cord 1.8m, 15-Pin VGA to 15-Pin VGA cable 1.8m, VGA to DVI Cable, Composite video cable 1.8m, S-video cable 1.8m, USB Cable, RS232 Cable, remote control with battery. SCART to VGA adapter. Lens cap, Users guide, Quick start guide, Warranty card.
Optional accessories	Short-throw Lens, Ceiling Mount Kit, HDMI adaptor
EAN Number	EP 758: 5060059040292 EP 759: 5060059040308

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

PROJECTION DISTANCES/IMAGE WIDTH

Projection Distance	Standard Lens Min. Width	Standard Lens Max. Width	Short-Throw Option Max. Width
1.50	0.63	0.75	0.90
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

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