

EP738 Digital DLP™ Projector

Bright, Quiet and so Versatile

The EP738 mobile projector, designed for ease of use and versatility. With auto set-up and built in memory modes, it is easy to achieve the best quality display in any application, be it in boardrooms, in schools or movies at home. The brilliant images speak for themselves yet the projector cannot be heard thanks to the near-silent cooling system.

Optoma projectors feature Digital Light Processing™ (DLP™) the worlds only all-digital display solution and a key ingredient in consistently achieving the sharpest and brightest images possible.

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

Exceptionally **Quiet 27dB** for unobtrusive operation

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

Auto set-up and **Custom memory modes** – PC, Movie, Game, sRGB and User

Optical zoom for maximum flexibility.

Portable and **lightweight**, only **2.4kg**



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

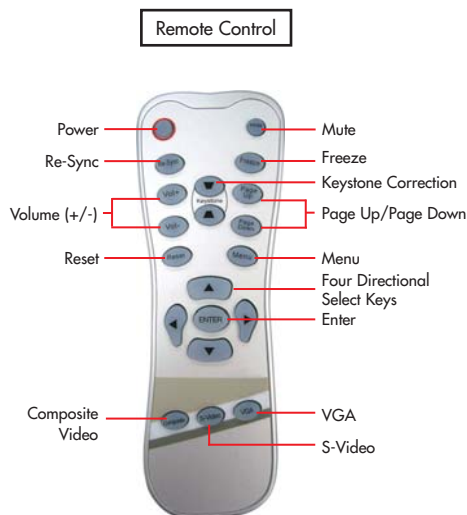
The most advanced SVGA DLP™ chip currently available. The 12° mirror tilt combined with "Dark Metal" technology, enables the amazing 2000:1 contrast ratio for the sharpest, brightest images possible.

Dual Mode

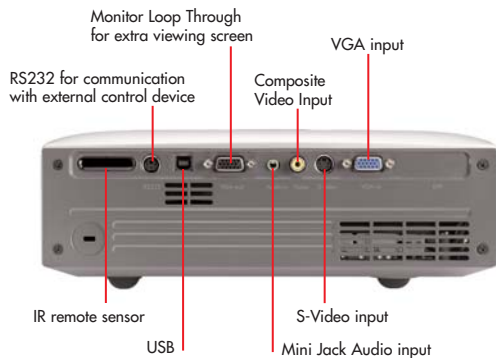
Brilliant at displaying Business Presentations in (4:3) mode or stunning movies in widescreen (16:9) at home. The EP738 is also small enough for portable applications displaying images from computers, DVD players and games consoles.

Preset Modes

With 5 standard preset modes: PC - for Maximum brightness, Movie - High contrast and colour accuracy, Game - Bright vivid colours, sRGB - Standardised accurate colour, User - Precise control for power users, you are guaranteed the best possible picture in any application.



Onboard I/O Ports



Specifications

EP738

Display Technology	Single 0.55" 12° Degree DDR DLP™ Technology from Texas Instruments
Resolution	Native: SVGA 800 x 600 - Up to 1280 x 1024 SXGA compressed
Brightness	1800 ANSI Lumens
Contrast	2000:1
Audible Noise ECO/STD	32dB/27dB (ECO Mode)
Aspect Ratio	4:3/16:9
Weight	2.4 kg
Computer Compatibility	H.Sync 31.5 - 100kHz V.Sync 56 - 85Hz
Video Compatibility	PAL (625\576i\p), SECAM, NTSC (525\480i\p), HDTV (1080i, 720p)
Uniformity	85%
Projection Lens	f=22.3 ~ 26.8 mm, F/2.6 ~ 2.81, Manual Focus
Throw Ratio	2.0 ~ 2.4:1 (Projection Distance:Image Width)
Zoom Type	Manual. Zoom Factor 1.2x
Projection Distance	1.2 - 10 m (3.94' - 32.8')
Diagonal Image Size (4:3)	0.63 - 5.21m (27.6" to 267.2")
Keystone Correction	Vertical ±16 degrees
Projection Types	Front, Ceiling mounted, Rear, Rear ceiling mounted
Lamp Type	200 watt SHP
Long Lamp Life	3000 Hrs (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 <1.5W
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

PC RGB and RGB SCART	15 Pin D-Sub VGA (SCART RGB Adapter)
Analogue Component	15 Pin D-Sub VGA (Component Adapter option)
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	Two (2) years limited warranty, 90 days for lamp
Supplied accessories	AC power cord 1.8m, 15-Pin VGA to 15-Pin VGA cable 1.8m, Composite video cable 1.8m, Carry bag, remote control, battery for remote, Lens cap, Users guide, Quick start guide, Warranty card

Optional accessories

Optional accessories	Short-throw Lens, Ceiling Mount Kit
Menu Languages	10 Languages including: English, French, German, Italian, Spanish and Portuguese
EAN Number	5060059040346

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

PROJECTION DISTANCE/Image width		
Lens	Standard Min	Standard Max
1.20	0.50	0.60
2.00	0.83	1.00
3.00	1.25	1.50
4.00	1.67	2.00
5.00	2.08	2.50
6.00	2.50	3.00
7.00	2.92	3.50
8.00	3.33	4.00
9.00	3.75	4.50
10.00	4.17	5.00

All distances in metres and for indication only



Offices:- Optoma Europe Ltd (UK), Optoma Germany GmbH, Optoma France, Optoma Scandinavia.