Optoma

ES522
DLP® Projector

Ultimate Big Screen Viewing Experience

Easy to use with games consoles, DVD players, digital satellite/TV boxes, & PCs/laptops

Bright projection
– 2800 ANSI Lumens

BrilliantColor™ technology
– vibrant life-like colours

DLP® filter-free design
– Virtually no maintenance

Big Screen Viewing with Family & Friends

Perfect for big screen gaming; bringing your movies alive; watching sporting events; important presentations or just as a back drop to a lively party, the Optoma ES522 will exceed your expectations.
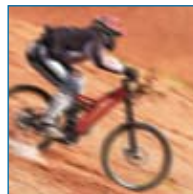
The ES522 will connect to most games consoles, DVD players, digital satellite/TV boxes, & PCs/laptops giving you ultimate flexibility for that 'bigger than life' screen experience. High contrast, vivid colours, and a possible 300" diagonal digital projected image gives an impressive performance either in the home or at work.

SMOOTH, SEAMLESS PROJECTION

Even in the fastest moving scenes, the ES522 will project a smooth and seamless image. The rapid response of DLP® technology ensures that the projected movie or video game remains perfect and precise.
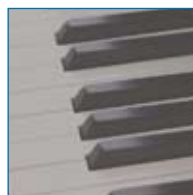

| With | Without |

CLEAR, FOCUSED IMAGES

High contrast ratio 3000:1, achieved with DLP® technology for a stunning viewing experience. Crisper whites, ultra-rich blacks for images that come alive on screen, making it ideal for unforgettable presentations or movies.
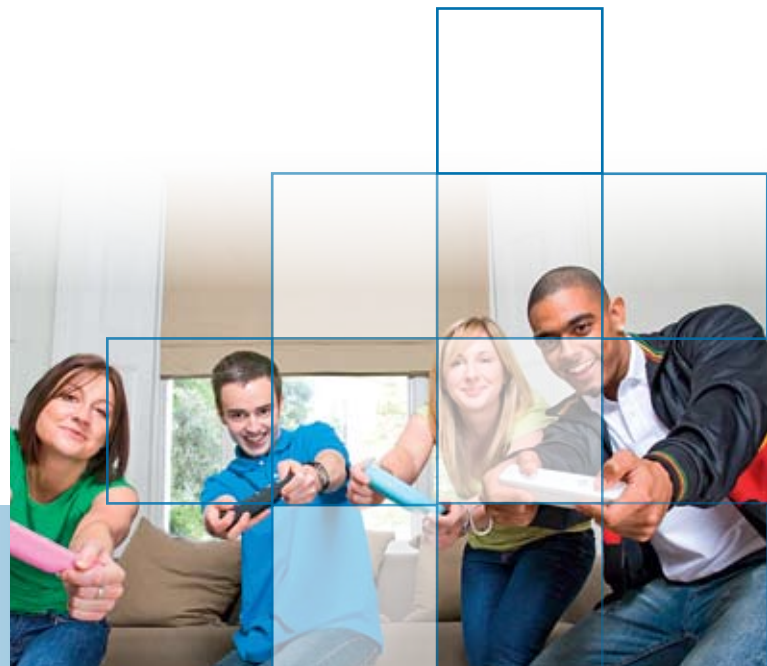

| With | Without |

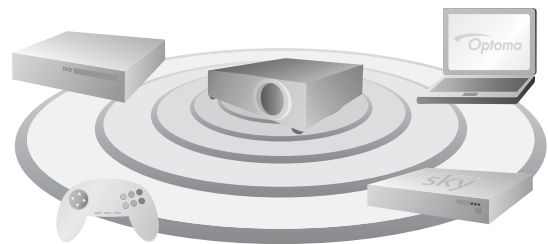### HOOK IT UP TO ANYTHING!

Easy to use with most of your home devices; simply connect, power up and project.

You can even create a genuine movie experience anywhere. Change the aspect ratio of the screen from 4:3 format to 16:9 – just like a real cinema.

Enjoy big bright pictures; anywhere; day or night.

AMAZING COLOURS

The ES522 incorporates BrilliantColor™ technology to produce stunningly bright images with perfectly balanced life-like colours.

COLOUR PERFORMANCE

Optoma guarantees colour quality will remain as new for 5 years*

Once you've purchased the ES522, Optoma guarantees that the colours will not fade and the image performance will not degrade for a minimum of 5 years.

FEATURES

- 6 preset picture modes
- Quick keystone correction
- Password protection for added security
- Easy to use remote with laser pointer, mouse control and direct source selecting

MAINTENANCE FREE = LOWER TOTAL COST OF OWNERSHIP (TCO)

DLP® technology ensures lower cost of ownership, longer life and improved reliability compared to other technologies.

Filter-free projector design means no more regular filter cleaning or replacements, saving you time and money.

TIME AND ENERGY SAVINGS

The ES522 incorporates energy saving features to conserve power and extend lamp life:
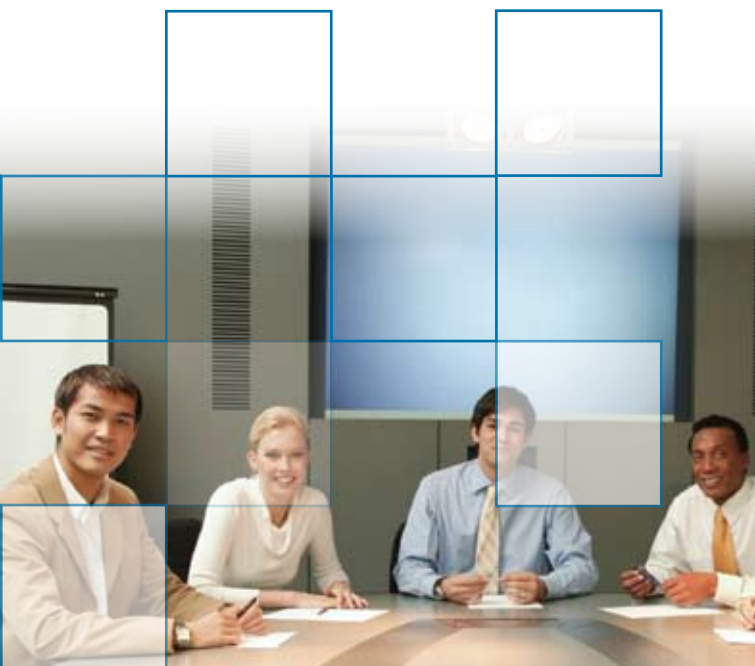
The timer control functions can automatically switch the projector off to standby mode <1W, conserving power and extending the lamp life to an astonishing 4000 hours**.

It takes less than 10 seconds for the projector to power up and shutdown, so the ES522 not only saves time but energy too.

CUSTOMISED START UP LOGO

Capture your favourite image as the start up logo and see it every time you turn your projector on.

ES522 SPECIFICATIONS

Native Resolution	SVGA 800 x 600
Compressed Resolution	UXGA (1600 x 1200)
Brightness - BRIGHT mode	2800 ANSI Lumens
Contrast	3000:1
Noise Level	30dB
Lamp Life**	4000/3000 (STD/BRIGHT mode)
Projection Lens	F/2.55; f=22.2mm
Throw Ratio	2.0:1 (Projection Distance:Image Width)
Projection Distance	1.5 - 10m
Image Size	0.94 – 6.26m (36.94" - 246.29") Diagonal 4:3
Display Technology	Single 0.55" SVGA DC3 DMD chip DLP® Technology by Texas Instruments
Weight / Dimensions (W x D x H)	2.5 kg / 280 x 205 x 80mm
Remote Control	Full function remote with laser pointer, mouse control and direct source selecting
INPUTS	15 Pin D-Sub VGA (SCART & Component via adaptor) S-Video 4 Pin Mini Din Composite RCA 2 x Stereo RCA - Audio USB (remote mouse)
CONTROL	RS232 - 9 Pin D-sub
OUTPUT	Stereo Audio Mini Jack
Audio	2W Speaker
Aspect Ratio	4:3 Native, 16:9 Compatible
Keystone Correction	± 30° Vertical
On Screen Display	18 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian, Danish, Hungarian, Czech, Turkish & Arabic
Video Compatibility	PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i/1080p
Uniformity	85%
Displayable Colours	1.07 Billion
Horizontal Scan Rate	15, 30 - 91.4kHz
Vertical Scan Rate	43 - 87Hz
Power Supply	100 - 240V, 50 - 60Hz
Power Consumption	230W BRIGHT mode < 1W Standby mode 210W STD mode < 1W Standby mode
Operating Conditions	Operating: 5 - 40°C, 85% Humidity (Max), 3000m Altitude (Max)
Security	Kensington Lock Port, Password Protection
Standard Accessories	Lens Cover, AC Power Cord, VGA Cable, Full Function Remote, Batteries x 2, Quick Start Guide, CD User Manual, Warranty Card, WEEE Card
RoHS	Compliant
Lamp Warranty	6 months or 1000 hours - whichever comes sooner
Warranty	Warranty may vary by country. Please see www.optomaeurope.com or ask your local supplier for details
Colour Guarantee*	5 Years
Imager Guarantee***	5 Years

EASY TO USE REMOTE CONTROL

ES522 Remote Control
1 Laser
2 Remote Mouse
3 Vertical Keystone Correction
4 Volume Control
5 Brightness Adjustment
6 Contrast Adjustment
7 AV Mute
8 Direct Input Source Selection

ES522 Connections
9 USB (Remote Mouse)
10 S-Video
11 Composite
12 Audio In L & R
13 VGA - SCART & Component
14 Audio Out
15 RS232 - 9 Pin
16 Kensington™ Lock

Exceptional Connectivity / Multiple Terminals

Easy to use remote with buttons to change the input sources

ES522 Projection Distance 1.5 - 10m (4:3 Aspect Ratio)

Projection Distance (m)	Horizontal Image size (m)	Vertical Image Size (m)	Diagonal Image Size (m)	Diagonal Image Size (inch)	Image Offset (m)
1.50	0.75	0.56	0.94	36.94	0.06
2.00	1.00	0.75	1.25	49.26	0.08
2.50	1.25	0.94	1.56	61.57	0.09
3.00	1.50	1.13	1.88	73.89	0.11
4.00	2.00	1.50	2.50	98.51	0.15
5.00	2.50	1.88	3.13	123.14	0.19
6.00	3.00	2.26	3.75	147.77	0.23
7.00	3.50	2.63	4.38	172.40	0.26
8.00	4.00	3.01	5.00	197.03	0.30
9.00	4.50	3.38	5.63	221.66	0.34
10.00	5.00	3.76	6.26	246.29	0.38

For guide purposes only

ES522 is capable of 16:9 aspect ratio projection. When projecting a 16:9 image the image sizes, screen height and offset information will differ from the above.

Optoma recommended Screens
www.panoview.eu

PICTURE BY
DLP
TEXAS INSTRUMENTS