## EX521

DLP ${ }^{\circledR}$ Projector

## Perfect Projection

Bright projection - 2600 ANSI Lumens

XGA resolution, 4500:1 contrast ratio for sharp,
detailed presentations and graphics
(1)

Low ownership costs - up to 6000hrs lamp life
(-) Energy saving <1W standby mode
R RS232 for meeting room control systems
( Quick start up and shut down time
Remote controlLightweight and portable, carry bag included
(x) Optoma EX521 filter-free design - virtually no maintenance


From boardroom to classroom, the EX521 delivers bright, high contrast presentations and images with crystal clarity. Vibrant, life-like colours using BrilliantColor ${ }^{\top M}$ technology will ensure your audience is left speechless every time the EX521 is turned on.

Whether travelling on business or having meetings away from the office, the convenient carry bag allows you to take the small and stylish EX521 from room to room or on the go with ease.

The environmentally friendly EX521 has energy saving features including <1W standby mode. Long lamp-life of 6000hrs combined with our unique Optoma Colour and Imager guarantees saves you both time and money while ensuring hassle-free, long lasting projection.

## CLEAR, FOCUSED IMAGES

DarkChip3 ${ }^{\text {™ }}$ technology from Texas Instruments produces a stunning 4500:1 contrast ratio for pin sharp, crystal clear images. Crisper whites and ultra rich blacks bring the image to life

## easier to read <br> 1000:1 contrast ratio <br> 4500:1 contrast ratio <br> ※Simulated Image

## AMAZING COLOURS

The EX521 incorporates BrilliantColor ${ }^{T M}$ technology to produce stunningly bright images with perfectly balanced life-like colours. Preset display modes allow you to achieve a perfect image every time.

## COLOUR AND IMAGER GUARANTEE

Bright colours and fantastic image quality are guaranteed for an amazing 5 years after purchase - giving piece of mind that the technology inside the Optoma EX521 projector won't fade or degrade.


## VIRTUALLY MAINTENANCE FREE

The EX521 provides lower cost of ownership, longer life and improved reliability. The filter-free projector design does not require regular filter cleaning or filter replacement, saving you time and money.


## ENVIRONMENTALLY FRIENDLY

The EX521 incorporates energy saving features to conserve power and extend the lamp life:

To achieve the maximum 6000hrs ${ }^{2}$ lamp life time the projector should be operating in ECO mode and the shut down timer should be enabled to automatically switch off the projector if it is accidentally left on when no longer required. Enabling the $<1 \mathrm{~W}$ Standby mode will ensure the minimum energy consumption when the projector is not being used.

It takes less than 10 seconds for the projector to power up and shutdown, saving both time and energy.

## CONTROL

The extensive RS232 command set makes it simple and easy to control the EX521 with any control system.


AMX Compatibility - Dynamic Discovery Protocol is incorporated into the EX521. This feature allows for easy installation with AMX control systems.


Enjoy big bright pictures in the office, classroom day or night

## SMOOTH, SEAMLESS PROJECTION

Even in the fastest moving scenes, the EX521 will project a smooth and seamless image. The rapid response of DLP ${ }^{\circledR}$ technology ensures that the projected movie or video game remains perfect and precise.


With


Without

## FEATURES

- 6 preset display modes including Movie mode
- $4: 3$ and $16: 9$ widescreen
- Classroom mode - 1500 ANSI Lumens
- Password protection for added security
- Ceiling mount the projector or project from a coffee table
- Easy to use remote with direct source control



## EX521 SPECIFICATIONS

| Native Resolution | XGA $1024 \times 768$ |
| :---: | :---: |
| Display Technology | 0.55 " XGA DLP® ${ }^{\text {® }}$ chip, Technology by Texas Instruments |
| Compatible Resolutions | UXGA, SXGA+, SXGA, WXGA, XGA, SVGA |
| Brightness ${ }^{1}$ | 2600 ANSI Lumens |
| Contrast Ratio | 4500:1 |
| Lamp Life ${ }^{2}$ | 6000/5000 hours (ECO/BRIGHT mode) |
| Noise Level | 28 dB (ECO mode) |
| Weight / Dimensions ( $\mathrm{W} \times \mathrm{D} \times \mathrm{H}$ ) | $2.3 \mathrm{~kg} / 286 \times 192 \times 84 \mathrm{~mm}$ |
| INPUTS | 15 Pin D-Sub VGA, SCART via adaptor, <br> Component via adaptor <br> S-Video 4 Pin Mini Din  <br> Composite RCA Jack  |
| OUTPUT | 15 Pin D-Sub |
| Control | RS232 3 Pin mini-DIN |
| Aspect Ratio | 4:3 Native, 16:9 compatible |
| On Screen Display | 17 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian/Danish, Hungarian, Czech, Turkish and Arabic |
| Video Compatibility | PAL SECAM 625/576ilp, NTSC 525/480ilp HD 720p/1080i/p |
| Uniformity | 85\% |
| Zoom | 1.1x Manual Zoom |
| Projection Distance | 1.2-12m |
| Image Size | 0.70-7.70m (27.49" - 303.12") Diagonal 4:3 |
| Keystone | $\pm 40^{\circ}$ Vertical |
| Operating Conditions Operating | 5-35 ${ }^{\circ} \mathrm{C}, 80 \%$ Humidity (Max), 3000m Altitude (Max) |
| Power Supply | $100-240 \mathrm{~V}, 50-60 \mathrm{~Hz}$ |
| Power Consumption | 233W BRIGHT mode < 1W Standby mode, 207W ECO mode < 1W Standby mode. |
| Security | Kensington Lock Port, Password Protection |
| In the BOX | Carry Bag, Power Cord, VGA Cable, UM CD, Quick Start Guide, Remote, Batteries |
| RoHS | Compliant |
| Lamp Warranty | 6 months or 1000 hours - whichever comes sooner |
| Warranty | Warranty will vary by country. Please see: www.optomaeurope.com or ask your local supplier for details |
| Colour Guarantee ${ }^{3}$ | 5 Years |
| Imager Guarantee ${ }^{4}$ | 5 Years |

## EASY TO USE REMOTE CONTROL

## EX521 Remote Control

## 1 Power

2 Vertical Keystone Correction
3 Volume Control
4 Brightness Adjustment
5 Digital Zoom
6 Contrast Adjustment
7 AV Mute
8 Freeze
9 Direct Input Source Selection

## EX521 Connections

10 VGA - SCART \& Component
11 S-Video
12 Video
13 RS232-3 Pin
14 VGA Out
15 Kensington ${ }^{\text {TM }}$ Lock


## Exceptional Connectivity / Multiple Terminals



| Projection Distance (m) | Max. Horizontal Image Size ( m ) | Min. Horizontal Image Size (m) | Max. Vertical Image Size (m) | Min. Vertical Image Size (m) | Max Diagonal Image Size (m) | Max Diagonal Image Size (inch) | Max. Image Offset (m) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1.20 | 0.62 | 0.56 | 0.46 | 0.42 | 0.77 | 30.31 | 0.07 |
| 2.00 | 1.03 | 0.93 | 0.77 | 0.70 | 1.28 | 50.52 | 0.12 |
| 2.50 | 1.28 | 1.16 | 0.96 | 0.87 | 1.60 | 63.15 | 0.14 |
| 3.00 | 1.54 | 1.40 | 1.16 | 1.05 | 1.92 | 75.78 | 0.17 |
| 4.00 | 2.05 | 1.86 | 1.54 | 1.40 | 2.57 | 101.04 | 0.23 |
| 5.00 | 2.56 | 2.33 | 1.93 | 1.75 | 3.21 | 126.30 | 0.29 |
| 6.00 | 3.08 | 2.79 | 2.31 | 2.10 | 3.85 | 151.56 | 0.35 |
| 7.00 | 3.59 | 3.26 | 2.70 | 2.45 | 4.49 | 176.82 | 0.40 |
| 8.00 | 4.10 | 3.72 | 3.08 | 2.80 | 5.13 | 202.08 | 0.46 |
| 9.00 | 4.62 | 4.19 | 3.47 | 3.15 | 5.77 | 227.34 | 0.52 |
| 10.00 | 5.13 | 4.65 | 3.86 | 3.50 | 6.42 | 252.60 | 0.58 |
| 11.00 | 5.64 | 5.12 | 4.24 | 3.85 | 7.06 | 277.86 | 0.64 |
| 12.00 | 6.15 | 5.58 | 4.63 | 4.20 | 7.70 | 303.12 | 0.69 |

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Optoma Europe Ltd.
42 Caxton Way, Watford Business Park, Watford, Hertfordshire, UK. WD18 8QZ

## www.optoma.co.uk

