X300

Big Screen Viewing

- Bright projection – 2800 ANSI Lumens
- XGA resolution, 15,000:1 contrast ratio
- Low ownership costs - up to 6500 hrs lamp life
- Lightweight and portable, carry bag included



3D Ready

X300

Big Screen Viewing

Ideal for use in a meeting room or classroom, the small and stylish X300 has a bright 2800L which allows you to project bright, crystal clear images in ambient light. Incorporating a built-in speaker and the latest DLP® and BrilliantColor™ technology the X300 produces a 15,000:1 contrast allowing you to present picture presentations and videos with superb colours. An incredible lamp life of up to 6500 hours combined with Eco+ technology provides energy and money saving features for hassle-free, long lasting projection.

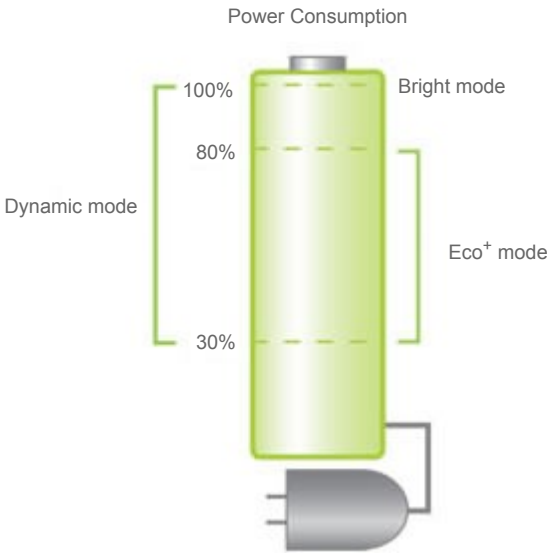
Installed or on the move, the versatile X300 comes with a convenient carry bag allowing you to take it with you.

Green Solutions

ECO+ technology from Optoma increases our commitment to reducing the impact we all make on the environment

Eco+ Mode

Saving energy saves money! Eco+ technology reduces the power consumption to as little as 30%. This intelligent feature also has a positive effect on the lamp life, increasing it up to 70% while lowering the total cost of ownership and reducing maintenance.



Dynamically adjusts the brightness and power consumption



Bright scene
~ 100% power consumption

Dark scene
~ 30% power consumption

Auto Power Off

There may be instances when the projector is left running when not in use. To help save energy if the projector is left running and no source is detected, the “Auto Power Off” feature automatically turns off the projector after a set period of time.

Eco AV Mute

Stay in control of your presentation with the Eco AV mute feature. Direct your audience's attention away from the screen by blanking the image when no longer needed. This also instantly reduces the power consumption to 30%, further prolonging the life of your lamp.



Eco AV mute off
100% power consumption

Eco AV mute on
30% power consumption

Environmentally Friendly

To achieve the maximum 6500hrs[2] lamp life, the projector should be operating in Eco+ mode and the auto power off feature should be enabled to automatically switch off the projector if it is accidentally left on. Enabling the <0.5W standby mode ensures the minimum energy consumption when the projector is not switched on.

We know that improving our products is the best way to reduce our impact on the environment. That's why at Optoma we design our products to have a long usable life, use fewer materials, ship with the minimum packaging and be free of all possible toxic substances. Naturally, energy efficiency and being recyclable are built in at the design stage. With each new product, we strive towards minimising our environmental impact.

Wireless Presenting (optional extra)

Making presentations couldn't be easier using the optional wireless features of the X300. Using the wireless VGA dongle (Additional

power required and sold separately) you can connect and display presentations and video material wirelessly from a laptop, PC or mobile device.

Bright, Clear, Focused Images

Bright 2800 ANSI Lumens, Perfect for projecting in lights on environments. And with DarkChip3™ technology from Texas Instruments combined with Eco+ technology produces a stunning 15,000:1 contrast ratio for pin sharp graphics and crystal clear text. Crisper whites, ultra-rich blacks make images come alive and text easier to read - ideal for business and education presentations.



2000:1 Contrast Ratio



15,000:1 Contrast Ratio

Brightness Where It Matters

You can project even if there is ambient light in the room. The XGA resolution X300 delivers an impressive 2800L ensuring that even during the day everyone can clearly see the projected image.

Colour Guarantee

We are so confident that the X300 image colour quality will remain as good as the day you bought it that Optoma will guarantee it for five years.

Amazing Colours

The X300 incorporates BrilliantColor™ technology to produce stunningly bright images with perfectly balanced life-like colours.

Control

The extensive RS232 command set makes it simple and easy to control the X300 with any control system.

AMX Compatibility - Dynamic Discovery Protocol is incorporated into the X300. This feature allows for easy installation with AMX control systems.

Future Proof Technology

Using the inherent speed of DLP® technology, Optoma 3D Ready projectors can output video and images at an astonishing rate of 120Hz, allowing you to show full screen, full colour, stereoscopic 3D from a compatible computer.

3D Technology

Using the inherent speed of DLP technology, The Optoma X300 can output video and images at an astonishing rate of 120Hz, allowing you to show full screen, full colour, stereoscopic 3D.

Audio Performance

Built-in 2W speaker offers excellent audio support. The X300 is easy to set up without the need for costly external speakers



Quick Resume

Save time by not waiting for the projector to cool down before it can power up again. If the projector is accidentally turned off, this feature allows the projector to be instantly powered on again, if selected within a period of 100 seconds.



Rapid Off

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

Specification Table

Display Technology	Single 0.55” XGA DC3 DMD chip DLP® Technology by Texas Instruments
Native Resolution	XGA 1024 x 768
Brightness - BRIGHT mode[1]	2800 ANSI Lumens
Contrast	15,000:1
Noise Level	28dB (min)
Weight	2.13 kg
I/O Connectors	Inputs: 15 Pin D-sub (RGB/YPbPr), S-Video, Composite Control: RS232
Preset Mode	PC: For computer or notebook (Brightest image) Movie: Maximum contrast and Colour accuracy Game: Bright vivid colour sRGB: For Standard PC Colour (Best Colour Reproductiion) User: Memorises user's settings
Maximum Resolution	UXGA 1600 x 1200
Computer Compatibility	UXGA, SXGA, XGA, SVGA, VGA, Mac
Video Compatibility	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)
Displayable Colours	1.07 Billion
Projection Lens	F/2.41~2.55; f=21.8~24mm, 1.1x Manual Zoom
Throw Ratio	1.95 - 2.15:1
Projection Screen Size	0.70 – 7.70m (27.49” - 303.12”) Diagonal 4:3
Projection Distance	1.2 - 12 metres
Horizontal Scan Rate	15.3 - 91.1kHz
Vertical Scan Rate	24 - 85Hz
Lamp Type/Lamp Life[2]	190W, 6500/6000/5000 hours (Eco+/ECO/BRIGHT mode)
Keystone Correction	± 40° Vertical
Dimensions (W x D x H)	286 x 192 x 84mm
Remote Control	Full function remote with direct source selecting
Power Supply	100-240V, 50-60Hz
Power Consumption	233W BRIGHT mode < 0.5W Standby mode, 207W ECO mode < 0.5W Standby mode
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Uniformity	80%
Security	Kensington Lock, Password Protection
Standard Accessories	Carry Bag, AC Power Cord, VGA Cable, Infra Red Remote Control with Batteries, Quick Start Card, CD User Manual, Warranty Card
Optional Accessories	Ceiling Mount Kit
RoHS	Compliant
3D Support	The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems.
3D Viewing	Requires the Optoma DLP-Link shutterglasses - available separately.
3D Compatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Offset	115%

Easy To Use Remote Control

X300 Remote Control

1. Power
2. Vertical Keystone Correction
3. Brightness Adjustment
4. Digital Zoom
5. Contrast Adjustment
6. AV Mute
7. Freeze
8. Direct Input Source Selection



X300 Connections

9. VGA In
10. S-Video
11. Video
12. RS232
13. VGA Out
14. Audio-In
15. Kensington™ Lock



X300 distance Table aspect ratio 4:3

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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[1]Brightness will vary depending on the selected projector mode, environmental conditions and usage. As is common with all lamp based projectors, brightness will decrease over the lamp lifetime. [2]Typical lamp life achieved through testing and will vary according to operational use and environmental conditions. Copyright © 2013, Optoma Europe Ltd. All other product names and company names used herein are for identification purposes only and may be trademarks or registered trademarks of their respective owners. Errors and omissions excepted, all specifications are subject to change without notice. DLP®, BrilliantColor™ and the DLP logo are registered trademarks of Texas Instruments. All images of products are for representation purposes only. Whilst every care is taken to provide accurate images of our products, actual products may differ slightly. Some product images may have been digitally altered by us to add an Optoma logo to the front panel. Optoma reserves the right to amend or alter actual product, product specifications or product images without notice. Some images may be simulated.

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