Optoma

DX342

Bright and Portable

- Bright projection – 3000 ANSI lumens

- XGA resolution, 18,000:1 contrast ratio, HDMI input

- Low ownership costs - up to 10,000 hours² lamp life

- Lightweight and portable

DLP TEXAS INSTRUMENTS   **HDMI** HIGH DEFINITION MULTIMEDIA INTERFACE   **Full 3D**   Eco⁺   BrilliantColor   5 YEARS   Project Green

DX342

Project bright vibrant presentations effortlessly any time on day. Designed for meeting rooms and classrooms, the DX342 boasts a long lamp life and energy-saving features which provide a low overall cost of ownership.

This projector has a built-in speaker, Full 3D technology and can be easily connected via a HDMI cable, giving a clear projected image with sound. Portable and lightweight projector can be installed or taken on the move for off-site meetings.

High Contrast

Add more depth to your image with a high contrast projector; with brighter whites and ultra-rich blacks, images come alive and text appears crisp and clear - ideal for business and education applications.

2000:1 Contrast Ratio   20,000:1 Contrast Ratio

Full 3D

Optoma projectors can display true 3D content from almost any 3D source, including 3D Blu-ray players, 3D broadcasting and the latest generation games consoles. Support for 144Hz rapid refresh rate provides ultra-smooth flicker free images.

Integrated Speaker

The built-in speaker offers excellent audio support. Easy to set up without the need for costly external speakers

Eco+

Eco+ technology brings together high contrast, improved lamp life and energy saving features that are easy to use while reducing power consumption.

Energy Saving

Using the specially designed lamp modes, you can reduce the power consumption by up to 70%. Each mode also has a positive effect on the lamp life, while lowering the total cost of ownership and reducing maintenance.

Auto Power Off

There may be instances when the projector is left running when not in use. To help save energy, the "Auto Power Off" feature automatically turns off the projector after a set period of time if it is not being used

Eco AV Mute

Stay in control of your presentation with Eco AV mute. Direct your audience's attention away from the screen by blanking the image when no longer needed. This also reduces the power consumption by up to 70%, further prolonging the life of your lamp.

Eco AV mute off   Eco AV mute on
100% power consumption   25% power consumption

Long Lamp Life

Reduce the number of lamp changes with lamp life of up to 10,000 hours[2] using the Education Cycle.

Control

Featuring a wide range of options you can control and monitor the projector remotely.

- RS232
- Optoma projector's come with an extensive set of RS232 commands making it simple and easy to manage using any control system.
- AMX Compatibility
- Dynamic discovery protocol is incorporated into the projector allowing for easy installation with AMX control systems.

Colour Guarantee

Enjoy dazzling colours for years to come; guaranteed by Optoma for five years' consistent performance.
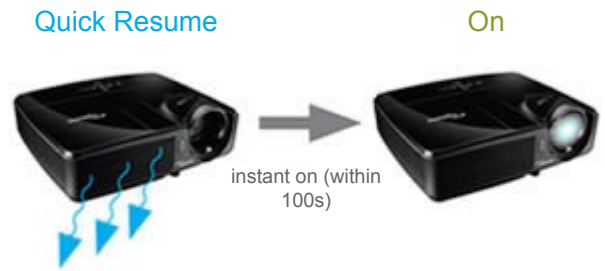
Amazing Colours

For vibrant, natural looking images, Optoma projectors incorporate BrilliantColor™ multi-colour processing technology.

Quick Resume

This feature allows the projector to be instantly powered on again, if it is accidentally switched off.

Wireless Presenting (optional extra)

Making presentations couldn't be easier using the optional wireless features of the WPS Wireless Adapter (sold separately) - you can connect and display presentations wirelessly from a laptop, PC or mobile device.

DX342 Specification

Display Technology	Single 0.55" XGA DC3 DMD chip DLP® Technology by Texas Instruments
Native Resolution	XGA 1024 x 768
Brightness[1] (Bright Mode)	3000 ANSI Lumens
Contrast	18,000:1
Noise Level (Eco mode)	29dB
Weight (kg)	2.35
I/O Connectors	HDMI (1.4a 3D support), VGA (YPbPr/RGB), S-Video, Composite, Audio In 3.5mm, Audio Out 3.5mm, RS232, USB service
Computer Compatibility	UXGA, SXGA, XGA, SVGA, VGA, Mac
Video Compatibility	PAL (B, D, G, H, I, M, N, 4.43MHz), NTSC (M, J, 3.58MHz, 4.443MHz), SECAM (B, D, G, K, K1, L, 4.25,MHz, 4.4MHz, 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz) 1080p(24/50/60Hz)
Displayable Colours	1073.4 Million
Projection Lens	F/2.41~2.55; f=21.8~23.98mm, 1.1x Manual Zoom
Throw Ratio	1.95 - 2.15:1
Projection Screen Size	0.70 - 7.62m (22.9" - 300") Diagonal 4:3
Projection Distance	1.2 - 12m
Zoom Type	1.1x Manual
Aspect Ratio	4:3 Native, 16:9 Compatible
Offset	115%
Horizontal Scan Rate	15.3 - 91.1kHz
Vertical Scan Rate	24 - 85Hz
Lamp Type	190W
Lamp Life[2] Eco+/Dynamic/Eco/Bright	7000/6500/6000/5000 (hrs)
Keystone Correction	± 40° Vertical
Dimensions (W x D x H) (mm)	315 x 224 x 102
Power Supply	100-240V, 50-60Hz
Power Consumption	225W Bright mode / 191W Eco mode (< 0.5W Standby)
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Uniformity	80%
Security	Security bar, Kensington lock, password protection
Standard Accessories	AC power cord, VGA cable, remote control, battery, quick start card, CD user manual
Optional Accessories	DLP® Link™ 3D glasses, wireless, ceiling mount
RoHS	Compliant
3D Support	Full 3D - 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 TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification.
3D Compatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Speaker (Watts)	2
On Screen Display	19 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian/Danish, Hungarian, Czech, Turkish, Romanian, Farsi and Arabic.
Optional Wireless	Yes

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[1]Lamp based projectors brightness and lifetime will vary depending on selected projector mode, environmental conditions and usage. As is common with all lamp based projectors, brightness will decrease over the lamp lifetime. LED projectors do not have a replaceable lamp and the brightness does not decay significantly over the product lifetime.

[2]Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions

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