



PJ638S

- **Bright SVGA projector – 3800 ANSI lumens**
- **Accurate colours - sRGB**
- **Low ownership costs - up to 10,000 hours lamp life**
- **Lightweight and portable**

Bright, Vibrant and Portable

Project bright vibrant presentations effortlessly any time on day. Designed for meeting rooms and classrooms, Optoma PJ638S boasts sRGB accurate true to life color reproduction, long lamp life and energy-saving features to provide you with a low overall cost of ownership. Also, this projector is easy to connect to with multiple inputs and a built-in speaker. Perfect for connecting a laptop, PC or Blu-ray player for clear projected images with sound. Portable and lightweight projector can be installed or taken on the move for off-site meetings

Amazing Colors

For vibrant, natural looking images, Optoma PJ638S incorporates BrilliantColor™ multi-color processing technology, allows the usage of a more advanced image processing algorithm and enables the usage of more colors on the color wheel, than the standard Red, Green, Blue and White segments. The new BrilliantColor™-II technology enables higher brightness levels by boosting mid-tone colors, resulting in more vibrant, precisely accurate colors projected on the screen. Even more, PJ638S offers the flexibility to adjust the color individually (R,G,B Gain/Bios).

6 Segments Color Wheel

Produces 3X Color Wheel Rotation Speed projectors support PAL video signals in movie mode, which operate at only 50 Hz frequency. Under this low frequency, projector increases the speed of the color wheel rotation from 2X (7200 rpm) to 3X (10800 rpm) resulting in consistent colors and seamless video playback.

Energy Saving

Using the specially designed lamp mode, you can extend the lamp life up to 10000 hours. Each mode also has a positive effect on the lamp life, while lowering the total cost of ownership and reducing maintenance.

Quick Resume

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

Auto Power Off

There may be instances when 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's 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.

Integrated speaker

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

Full 3D

Using the inherent speed of DLP® technology, PJ638S can output video and images at an astonishing rate of 144Hz, allowing you to show full screen, full color, stereoscopic 3D. PJ638S supports multiple 3D formats from various devices such as PC, Blu-ray 3D™, Sony® PS3, Microsoft® Xbox 360 or 3D TV broadcast system.

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.

Specification	PJ638S
Display Technology	TI DLP® technology 0.55" SVGA DMD Chip
Native Resolution	800 x 600 (SVGA) support up to UXGA (1600 x 1200) 60Hz
Brightness / Contrast Ratio	3800 ANSI Lumens / 30,000 :1
Display Colors	1073.4 million colors (10bit)
Projection Lens	F=2.41~2.53 ; f = 21.85~23.4 mm, 1.1x manual zoom / focus lens.
Image Size	25 ~ 250 inch
Projection Distance	1.0 ~10m
Throw Ratio (Projection distance/width)	1.94 ~ 2.15
Digital Keystone Correction	±40° Vertical
Aspect Ratio	4:3; 16:9; 16:10
Scan Rate	Horizontal : 15.375 ~ 91.146 KHz; Vertical :24 ~ 85 Hz (120Hz for 3D feature)
Computer Compatibility	UXGA, SXGA+,SXGA ,SVGA,VGA Compression, VESA standards, PC & Macintosh compatible
Video Compatibility	HDTV (720p, 1080i/p), SDTV (480i/p, 576i/p), Full NTSC, PALPAL-M, PAL-N, SECAM
Input / Output Connections	HDMI V1.4a x 1 , VGA in x 1 , VGA out x 1 ,Composite video x 1, Audio in x 1, Audio out x 1, USB Type A (for service/mouse/power) x 1, RS232 x 1
Uniformity	90 %
Speaker	5W
Noise	27dB
Lamp Life	5000 / 6000 / 7000 / 8000 / 10000 Hrs (Bright / Eco / Dynamic / Eco+ / Education Cycle)
Power Supply	Universal AC 100 ~ 240V± 10%,50/60Hz
Dimensions (WxDxH) / Weight	298 x 230 x 97 mm / 2.25 kg

*Optoma reserves the right to change this brochure without prior notice, please refer to www.optoma.com for any change



*Optoma guarantees that in normal use, Optoma DLP® color quality will be indistinguishable from when new. Please note that worn lamps will give slight variance. Exclusions: (1) Guarantee is voided if the projector is subject to damage through mis-use. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive (3) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other fault. Typical lamp life achieved through testing. Will vary according to operational use and environment conditions. Optoma guarantees that in normal use, the DLP® imager guarantee will retain quality for at least 5 years providing consistent pixel performance. Exclusions: (1) Guarantee is voided if the projector is subject to damage through mis-use. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive. Copyright © 2016, Optoma Corporation. All other product names and company names used herein are for identifications 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.