



**STYLISH. SIMPLE. SENSATIONAL.**

Multimedia Projector  
**EMP-X5/S5**

Combining ease of use and excellent performance, Epson's EMP-X5/S5 ensures you get the best help for making the perfect presentation.

**Bright and Clear**

EMP-X5 projects at 2200 ANSI lm in High Brightness mode while the EMP-S5 projects at 2000 ANSI lm. The clarity in projection is ideal for use in bright rooms.



**A/V Mute Slide**

Simply slide the A/V mute cover across and the EMP-X5/S5 allows you to pause projection temporarily. The audience can then focus on you, or other elements of your presentation.

Fan noise is minimised when the slide is closed, while the projector light is suspended temporarily – allowing you to take advantage of the white board without distracting your audience.



Close slide. A/V mute.

Open slide. Resume presentation.

**“Instant Off” Quick Shutdown**

Simply press the power-off button and you can unplug the power cable immediately after 'beep' sound. No cool down time is required. It's easy, fast and convenient.



**EPSON'S 3LCD PROJECTORS - THE BEST OF LCD TECHNOLOGY**

**Bold, bright and beautiful Epson 3LCD projectors**



When powerful images are a must, so too is a 3LCD projector. Systems that use 3LCD technology are easy on the eyes because they reproduce astoundingly beautiful images in bright, natural colour without dither noise or colour break-up. 3LCD - The world leader in projection technology.

**Broadening the reach of 3LCD projectors**

3LCD projectors continue to be the most widely used projectors in the world. Many different projector manufacturers adopt 3LCD due to its overwhelmingly solid reputation. The fact that more than 11.3 million front projectors units have been sold worldwide over the past 17 years is a testament to customers' trust in the technology and understanding of the stunningly beautiful images LCDs project.

(3LCD projector market share from April, 1st 2001 through March 31st, 2006.)

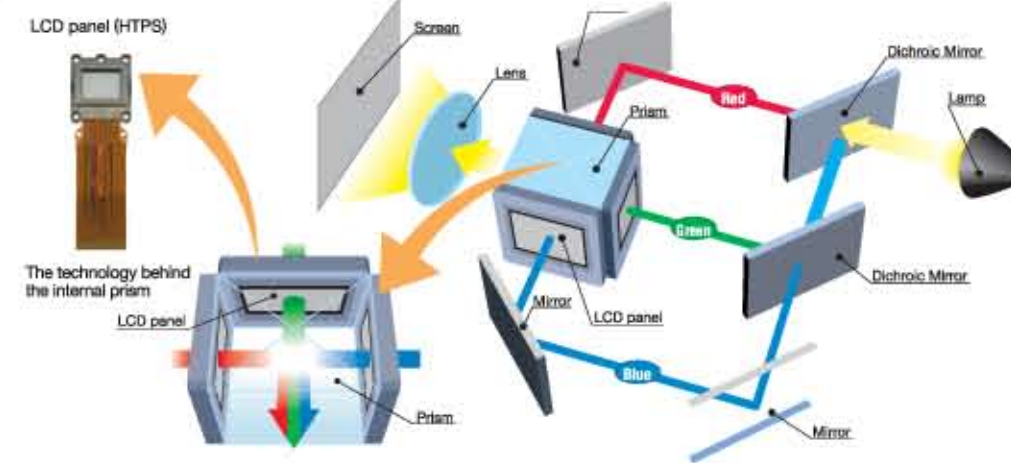
<b>62.5%</b>	<b>37.5%</b>
3LCD projectors	Other projectors include 1-chip DLP <sup>®</sup> projector

Based on independent research by Decision Tree Consulting (DTC)

**What is a 3LCD projector**

**The technology behind LCD projectors**

3LCD projectors pass light through LCD panels about the size of a postage stamp and then use the projector's lens to expand the minute details within the images. Thus, the projector is able to reproduce a wide gamut of colours to project clear, detailed and beautiful images with ultra-smooth movement onto the viewing surface. This is the defining characteristic of 3LCD systems.



**3-panel LCD system technology by Epson**

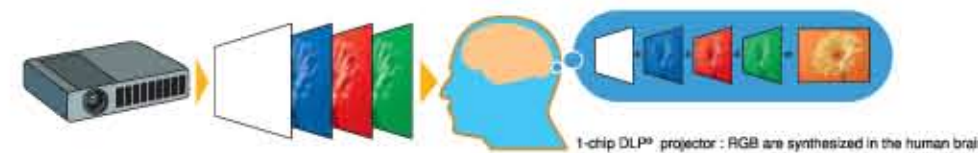
A projector which uses the 3-panel LCD system breaks light waves that are produced by the lamp into the three primary colours, red, green and blue. Each of the three colours of light is then passed through its own LCD panel to provide images in full colour with silky smooth movement. The three colours of light are then recombined through a prism to give the images the rich, full colour which is projected onto the viewing surface without the possibility of any colour break-up.



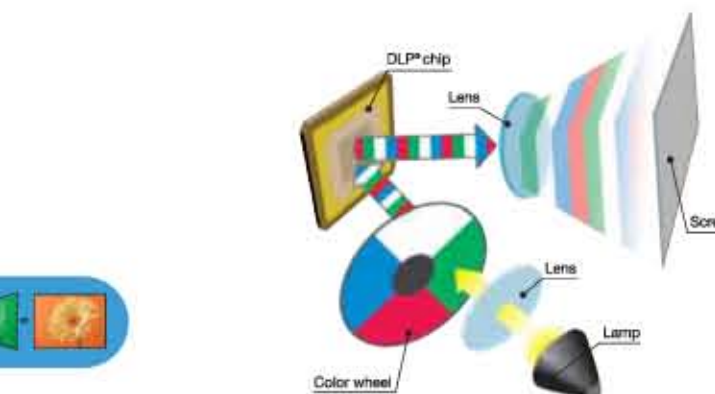
\*HTPS(High Temperature Poly-Silicon) is an active matrix transmissive LCD. It is extremely small and produces high quality images.

**The technology behind other projectors**

The second most common type of business projectors, besides the 3LCD projector system, is the 1-chip DLP<sup>®</sup> projector system. These 1-chip DLP<sup>®</sup> projectors reflect light by using a DLP<sup>®</sup> chip where lamplight is typically switched alternately through the red, green, blue and white parts of a rotating wheel.



1-chip DLP<sup>®</sup> projector : RGB are synthesized in the human brain.



Color wheel

**Highly reliable**

The high reliability of 3LCD projectors is a matter of great pride for Epson. A major factor in the dependability of our products is that they contain no moving mechanical parts in the light control system. We believe that being the number one projector brand worldwide in 2005 (source: Decision Tree Consulting) is a tribute to our customers' trust in the reliability of our 3LCD projector systems.

**Advancement of 3LCD projectors**

The world of imaging technology is constantly evolving and 3LCD projectors are evolving right alongside to bring you more detailed and beautiful images. 3LCD projectors bring wonder and excitement to the world of imaging.

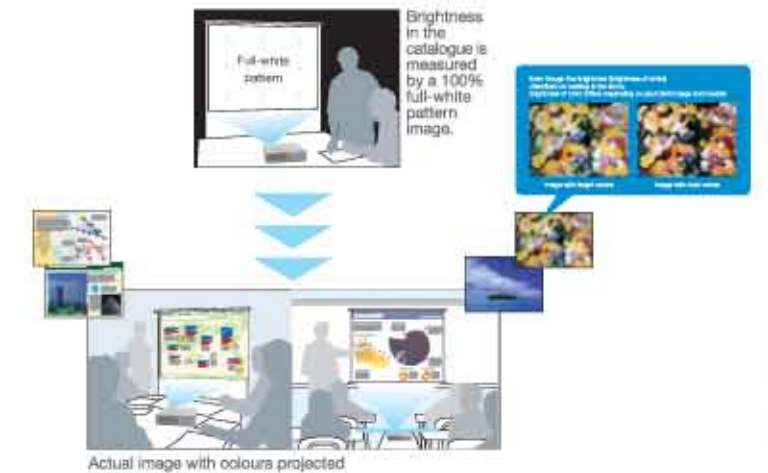
\*DLP<sup>®</sup> is a registered trademark or a trademark of Texas Instruments in the US and/or other countries.

**Characteristics of 3LCD Projectors from Epson**

3LCD Projectors reproduce an impressive luminance of colours and bright images.

The most important thing is to reproduce the bright colours of projected images.

The lumens detailed in the catalog refer to the brightness of a projected image's "full-white" area. Colour luminance, however, is also very important in a projector. 3LCD projectors offer superior colour luminance, producing vivid and sharp colour images. These capabilities enable them to provide more effective support than ever before in business presentations, increasingly making use of colours in images such as photographs and charts.



Actual image with colours projected

**Natural images - Colour reproduction and gradation**

Image showing smooth color gradation



Picture with smooth colour gradation



Picture with rough colour gradation

3LCD projectors deliver natural images and faithfully reproduce primary colours across a wide spectrum. Another important element of proper image projection is smooth colour gradation along with smooth colour change. They project a broad array of presentation materials, such as photographic images, with a truly natural look and feel, so that they can be used effectively in all manner of business applications.

**Easy on the eyes**

Image showing colour break-up



Normal



Colour Break-up

Colour break-up, which occurs in field sequential colour projection technology, arises from the relationship between the motion of an image on a screen and the motion of the viewer's eyes. This causes the image to suffer from a "rainbow-like" effect. 3 LCD projectors, however, do not suffer from this effect but instead produce images that are easy on the eyes.

**Smooth video playback**

Image showing smooth video playback



Smooth motion



Motion in which outlines are broken up into multiple lines

3LCD projectors use three separate liquid crystal panels -one red, one green and one blue - for the continuous combination of colours. Thus in fast-moving images, 3LCD projectors produce a smooth total image, preventing outlines from breaking up into multiple lines. This smooth video playback contributes to making effective presentations.

