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EIKI Projectors … and more!

LC-SXG400

Product Backgrounder

The LC-SXG400 delivers a great picture. The numbers tell you why.

1. SXGA+ is 1400 x 1050 = 1,470,000 pixels Vs XGA at 1024 x 768 = 786,432 pixels. That's about twice the resolution. This higher resolution means you can get much closer to the screen without seeing the "screen door" effect ... also color sophistication appears to be higher and aliasing (stair-stepping) appears to be reduced.

2. For computer users, it covers WXGA resolutions including 1280x800 native without compromise, or upscaled to fit the width, as well as providing twice the desktop surface of XGA so you can display twice as much information.

3. With video it covers 720P native without compromise, or upscales it to fit the width, as well as only downscaling 1080p by 50% (XGA downscales it by 75%) for real HD quality images (HD is 1280x720 and up).
16:9 1080p: 1920 x 1080= 2,073,600
16:9 SXGA+: 1400 x 788 = 1,103,200
16:9 XGA: 1024 x 576 = 589,824

4. SXGA+ is a native 4:3 aspect ratio, meaning it can be retro'd into existing installations without modifying anything.

5. SXGA+ is the resolution of choice for a variety of applications ... and an ideal boardroom upgrade ... but until now has only been available in this brightness/price range in 1-chip DLP.

6. There really is more picture as well as more pixels: the pixel aperture (that is, the portion of the pixel that is image rather than blocked by transistor) is 77% rather than the usual 73%

7. The contrast ratio is 1300:1.

Plus all the outstanding features of the other XG models:

1. 3LCD "always on" color for accurate, rich, color saturated images.

2. 1" panel size for more pixel surface area and bigger lens glass, resulting in a sharper picture

3. lightweight portable (with a built in carry handle) for "breakout" (temporary) as well as ceiling mount (permanent) applications

4. a full complement of ProAV connections including DVI w/HDCP and 5 / 3 BNC

5. centered lens for easy mount positioning

6. push button release bayonet mount lenses (no cabinet parts to remove) for quick/easy lens change

7. a wide range of manual and power lenses to fit most applications

8. power lens shift for precise off-axis positioning to avoid keystoning

9. 360 degree pitch, for special applications (museums, planetariums)

10. 1-way air flow to reduce installation complexity

11. the big air filter reduces maintenance, and being front accessed eliminates the need to dismount the projector to clean the filter

12. the rear-accessed lamphouse eliminates the need to dismount the projector to change the lamp

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