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Subject: [simpits-tech] Projector stuff

Posted by [dabigboy](#) on Sun, 12 Feb 2012 07:50:18 GMT

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So I got a chance to hook my "new" (to me) DLP projector up to my sim this week.....AWESOME!  
What a huge upgrade, even from my dearly departed 37" LCD monitor (far better, in fact).

It's a Mitsubishi XD460U...native res is only 1024x768, although it will do 1280x768 if it's  
widescreen you seek. So it's not a barn-burner, but it does ostensibly pump out 2600 lumens and  
a 2000:1 contrast ratio. As long as I am content with these specs, it looks like I can ebay more  
projectors for well under \$200 all day (in fact, I also got a working 430U for \$58...).

My biggest concern is the throw distance. I'm not sure how well this projector will work with my  
planned cylindrical screen, I may have to seek short-throw projectors specifically. We shall see  
soon enough....I am ready to build it now that I'm sold on the DLP projector.

I am convinced now that a 180\* wrap-around screen will put the pilot safely over the "suspension  
of disbelief" threshold. :) Something happens in a big sim with big visuals....at Flight Safety, even  
with the motion turned off, the visual system clicks something in your head, and your brain says  
"yep, you are moving".....I can just begin to see that with the projector when the screen is big and  
the geometry is set up reasonably correctly. Even just beaming onto a flat wall with just one  
projector, I am now REALLY able to sit down and enjoy the sim...up until now I've been stuck with  
a 20" monitor sitting on the glareshield that wobbled every time I move the yoke. No comparison!!!

Matt

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