

# Help with an RGB Conversion...

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- *From:* "trelster" <[eric@xxxxxxxxxxxxxxxx](mailto:eric@xxxxxxxxxxxxxxxx)>
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I am the owner of a recording studio in Minneapolis and we just purchased a new (to us) recording console. The console is 20 years old and runs off of a computer the same age. We've been trying to find a solution for a video feed from RGB outputs. I have talked to every electronics outfit in town, scoured the internet (including Google Groups) and haven't been able to find a definitive solution for this. Seems there are a number of different scenarios, and I would greatly appreciate some help on this.

Here is the best I can describe what we have...

There are (of course) the 3 R, G and B outputs on the computer. In addition, there is 1 Sync output, only 1. We have a 5 (one too many) BNC to VGA cable, but I believe this is typically used to send signal from VGA to RGB (right?). Along with the R, G & B on this cable, there is a Vertical and Horizontal. We've tried connecting this cable to a newer VGA monitor in a number of ways. There are 2 cases where we see anything at all. First, when we connect any one of the colors to the Sync we do see staticy Horizontal lines of that color. Also, when we connect the Vertical Cable to the single sync output, the monitor indicates a "frequency out of range" error. We are, on the other hand, able to get a clear and steady signal on and older monochrome monitor using a Single BNC to Single BNC cable, if we connect this cable to the Green BNC output on the computer. We also get signal on the red and blue, however the image isn't stable.

In any case, I'm looking for the most cost effective solution. I have found a couple of older RGB monitors on Ebay, but all seem to have only the 3 (R, G & B) inputs without the Sync input to match the Sync output on our computer. If this will still work, great. We'll buy one. I'm concerned about that fourth (Sync) output however.

Can someone tell me definitively if buying one of these monitors will work? And if not, what a good cost effective solution would be?

Many thanks!

Eric  
A440 Studios

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