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yoke adjustment help

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 23-12-2007, 10:20 AM

1

Dreamer 
Member
Join Date: **Jun 2004**

yoke adjustment help

Hi Everyone!!

I have a barco 1209s which i'm still trying to set-up.

Not my fault. This has more adjustments than i'm used to and i only have one other pj prior to this.

I am a newbie at setting up in many ways. The problem i have worked out to be is the BLUE RASTER is twisted clockwise on the tube surface. When viewed on screen the grid is high on the left and low on the right. No way to correct this margin by electronic adjustments i assume.

So what i've concluded is the yoke needs adjusting going by the little info on CURT PALME'S site. I used the IRIS midposition setting and it helped the picture in some ways but made extreme adjustments on others which isn't good to look at on the tube face! In particular the RED.I don't want to do anything further until i get some advice.

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The worst thing is the green is spot on and the red is a little out also but the blue is extreme. When at the cross hair stage the box is twisted out of alignment on both, left or right. I really need to get it sorted for CHRISTMAS with a bluray machine coming christmas eve , or not depending how i get on. It's a 200 mile round trip for collection of it.

If anyone can help with details on yoke adjustment please post info.

Remember i'm a newbie with physical adjustments. Don't want to damage the machine or MYSELF!!!

thanks

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23-12-2007, 10:43 AM

#2

audimushroom 
Member

Join Date: **Nov 2005**

Re: yoke adjustment help

Hello

wow a 9" CRT great piece of kit ideal for for high def...

where are you located?

It takes a bit of nerve to adjust the yokes in one of these beasts because it needs to be done with the power on 🤖

It really is a case of loosening the screw on the clamp nearest the tube face which can be done with the power off 😊, just enough so it moves then with the internal pattern onscreen (make sure the PJ is warmed up, I'm sure you know this but any adjustments should be done warm) very carefully with one hand behind your back turn the coil holding only the plastic bit, that will line it up, take your time, once its right re-tighten the clamp just enough so it

does not move, no need to go crazy else you may crack it 😬

Fully insulated screwdriver always useful.
hope that helps

Karl

Quote

23-12-2007, 11:17 AM

#3

Dreamer
Member

Join Date: **Jun 2004**

Re: yoke adjustment help

Thanks for the helpful reply!

I am nervous about doing this, as you say, with the power being on. Don't want to FRY anything BUT i have no choice. Will try it out today sometime.

As for location i'm afraid its Northern Ireland otherwise i would have had someone else do the install completely. Though it is a hands on thing having a CRT. Probably won't be the last job i'll end up doing!

Quote

23-12-2007, 12:00 PM

#4

Dreamer
Member

Join Date: **Jun 2004**

Re: yoke adjustment help

Just done the adjustment!!!!

Spot on now. Looks level.

When i look at the pj and into the 3 lenses at once while comparing grids by looking side to side it looks like the red and blue are pretty level but green seems a little off.

Should i use yoke adj. on it or is it in the convergence i should go.
COG is fitted to this.

thanks

Quote

23-12-2007, 12:21 PM

#5

audimushroom
Member

Re: yoke adjustment help

Well done for having a go....

Join Date: **Nov 2005**

It can get to be a bit tricky because what you need is for the green to be spot on level and then match the red and blue to the green, redjust the green if your not happy and then the red and blue if required after.

Its better to get this right now, i would also go into the service menu and set everything to mid position so you are getting it centered without any electronic adjustment.

Its always better to get this level without using the electronic controls because then the electronics don't work so hard and thus your setup is more stable.

Quote

23-12-2007, 3:43 PM

#6

Dreamer
Member

Join Date: **Jun 2004**

Re: yoke adjustment help

I probably will have to go with a good quick set-up now to get me over the holidays and then do a detailed one later. The pj may have to be physically moved to the side as i don't think it was centered 100% but i don't know what the settings are all at so will take a look at that also. Of course this will make it easier on the electronics.

One question though. When the access cover is open during adjustment of the yokes with the machine on, how long do i have as the fan is attached to this. I have read where people have had no fans running for a while causing damage to the pj.

Hope you will be about over the holidays should i need more help!!

When the settings are good enough it's on to the [xbox 360](#) with hd add on and then a [blu-ray player](#) with HD-FURY to-morrow if i decide to pick it up and get time then.

Anyway, in case not have a good HOLIDAY and many, many thanks for your help. Without being able to watch anything on the pj what do i have?

An expensive machine not able to earn it's keep!

c ya!

Quote

24-12-2007, 9:23 AM

#7



audimushroom
Member

Join Date: **Nov 2005**

Re: yoke adjustment help

Yes I'm around over the Holidays, may not be online all the time but will be checking on the forum anyway...

As for that fan, does the 1209s have a split cover so that you can open part of it and leave the fan connected? Else I would be thinking of keeping any adjustment time as short as possible..

	Quote
24-12-2007, 11:35 AM #8	
<p>Dreamer </p> <p>Member</p> <p>Join Date: Jun 2004</p>	<p>Re: yoke adjustment help</p> <hr/> <p>No! There are 2 access covers. The one for the tube access etc is the one with the fan attached so when open it goes with the cover away from the electronics in this area.</p> <p>I felt it would be unsafe to leave open too long so had the pj off while loosening the jubilee clips on all three yokes. Then turned on and was quick to rotate the yokes. Then switched off and tightened the clips.</p> <p>Don't worry as i know it is at my own risk!</p>
	Quote
24-12-2007, 2:29 PM #9	
<p>audimushroom </p> <p>Member</p> <p>Join Date: Nov 2005</p>	<p>Re: yoke adjustment help</p> <hr/> <p>Great plan, I've only adjusted the red on my 808 which didn't have fans, my 1208 does have a fan in the same place as the 1209, same chassis I think but may slight differences...</p>
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