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Re: Gamecube lens and potentiometer

26 : Sun Jul 03, 2011 10:40 Definitely try various media and burners. My gamecube works best with Esperanza miniDVD's burned on laptop's built in DVD burner. None of my Ritek's discs burned on some recommended BenQ burner was a commendated benQ burner was a commendated benQ burner was a commendated benQ burner. Re: Gamecube lens and potentiometer I've got a question, sorry for the bump btw Is there an exact value or a magical formula for the laser pot?? My GC is kinda old, and i've change the lens so many times. I have games (originals) that my gamecube doesn't read very well (i've cleaned the lens and i've polished some games, still the answer was posted ^^^^ So, the best value is 0 ohms??? (considering the 150 resistor) NES :: SNES :: N64 :: PSOne :: GC :: PS2 Slim :: GBA SP iQue (AGP-101) :: Wii :: DSi :: 3DS XL (Smash Edition) Re: Gamecube lens and potentiometer In theory, 0 is best but may be excessive if the laser can read media with more resistance. GC-FOREVER Posts: 4254 albertocastillo2001 Re: Gamecube lens and potentiometer Posts: 57 Joined: Tue May 10, 2011 8:31 Dby albertocastillo2001 » Tue Jun 23, 2015 12:46 pm Hmm, I would say the lenses you got might be defective. I have a laser that doesn't seem to work too well. It was new tho, however if you look at the laser bulb you can see it's blue. That one never worked well with originals or copies I think that the common values for originals depend of the laser you got and the potentiometer should be between 200 and 500.

I only replaced lens once. But be sure you remove the small ironing bulb that they have when they are new and set the potentiometer to 450 ohms. Then try original discs, if it doesn't read them, then lower your potentiometer by 50 ohms and try again until it reads them properly. Later you can try backup discs too. Those might be a little harder to read, but this is where you must get the best burn possible. I guess best media to choose is RitekG04, Taiyo Yuden and the Verbatim ones seem to vary in quality depending of wh Lastly, a good burner. But it's really difficult to know which one is good burner. I contacted Plextor and they don't make new drives anymore. So I guess it might be good to try one of the LiteOn models. My burner is a Pioneer which is 9 years old, but I expect one day it will break Re: Gamecube lens and potentiometer P.P Dby emu\_kidid » Wed Jun 24, 2015 6:32 am Blue lens sounds like it's the wrong wavelength entirely and not meant for GC? GC-FOREVER Posts: 4254 Joined: Mon Mar 29, 2010 10:00 Location: Australia Contact: p Re: Gamecube lens and potentiometer Posts: 132 Joined: Sun Sep 11, 2011 12:19 by noobcube » Wed Jun 24, 2015 11:49 ar So, the best value is 0 ohms??? (considering the 150 resistor) There is no universal best value for the laser potentiometer. There are too many other variables involved. I have modded several Gamecubes and they all required different laser adjustments for most reliable disc reading. That is why it is best to try different values with your Gamecube, your discs, and your burner. Some burners work well while others cannot produce a readable disc. I have spent many hours adjusting the laser pot up and down with various media types and burn speeds. One GC worked very well around 450 ohms, while others required the pot to be as low as 80 ohms. Sometimes reading improves with a higher so do not assume that lower is always better. Also, I have found (at least with my DVR-109) that a slower (e.g. 4x) burn speed works best with a higher pot value, while a faster (e.g. 16x) burn speed works more reliably with a lower pot value. I see 8x as a compromise which seems to work fairly well, plus the burn quality is optimal at 8x with my burner and media. albertocastillo2001 Re: Gamecube lens and potentiometer 66 Dby albertocastillo2001 » Thu Jun 25, 2015 10:09 pn 66 emu\_kidid wrote: Blue lens sounds like it's the wrong wavelength entirely and not meant for GC? Probably you're right, but I still have those lens kept here Display posts from previous: All posts 
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