

## Re: Upper Lower Filters in XP Registry

**Source:**

<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.registry/2005-02/0189.html>

---

**From:** Jim Byrd (*jrbyrd\_at\_spamlessadelphia.net*)

**Date:** 02/26/05

Date: Fri, 25 Feb 2005 22:35:32 -0800

Hi Neal – If you've wired and jumpered as you say, then you may well have a conflict. I'd just switch the middle and end connectors (moving the drives if needed for convenience) if your documentation recommends that the one you currently have jumpered as Slave should be that way – some drives cannot support being a master. For right now see if that fixes things for you.

[Later you might want to do some reading on the net about alternative configurations such as having each HD be master and each CD/DVD drive be slave. Do a Google on this for more info – it's thought by some experts to have some advantages. Let's see if re-connecting the drives cleans things up first though. Then you can look at things like that and doing such things as enabling DMA for your CD/DVD drives (which is a whole other thing :) ] Please let us know what happens.

--

Please respond in the same thread.

Regards, Jim Byrd, MS-MVP

In news:bpsv111vrd17bs4ngbo94kea7ecbtqsj8e@4ax.com,

Neal Lavon <nlavon@comcast.net> typed:

> Jim--thanks for getting back promptly.

>

> When my son and I put in the new CD, we kept the slave jumper on the  
> new CD just as it was configured when it came out of the box. We  
> rehooked everything back up the way it originally was, but then I  
> started having trouble seeing the drive. The CD is hooked up as a  
> slave to the Plextor 708A DVD drive master.

>

> The two optical drives are attached on one IDE cable going to the  
> motherboard. I have two hard drives also hooked as master and slave  
> going to the other IDE channel on the motherboard.

>

> What we did with the optical drives was cable the middle connector on  
> the drive to the slave CD and the top connector to the master DVD. If  
> that's the case (and I think it is), we can try reversing the IDE  
> cable connections to each drive. I do believe the slave and master  
> settings on the drives are okay as that's the way they had worked  
> before.

>

> Right now, the master drive sits in the top of the computer with the  
> slave drive below it. Changing the cable connection with the middle  
> connector going to the master and the top connector to the slave  
> indicates it would be a lot easier just to swap the drives out and  
> reconnect with the CD slave on the top and the DVD master in the  
> middle, keeping the jumpers the same. That certainly is an option. Or

## microsoft.public.win2000.registry: Re: Upper Lower Filters in XP Registry

> I suppose one could reverse the jumpers and make the DVD the slave and  
> the CD the master, although the Plextor guide seems to say it should  
> be the master which I think is probably the better way to go.  
>  
> In fact, now that I recall, that is the way I had them before the new  
> system was configured to XP and the drives reversed. Hmmm. I think  
> you may have hit the jackpot here. At least in theory, this sounds  
> like it could be the problem.  
>  
> The documentation never says anything about which cable connection  
> should go to master or slave, it just mentions hooking them up unless  
> I really missed it (which is possible).  
>  
> Wow, could that be it? I'll have to try that. That seems to be the  
> logical conclusion of what you're suggesting.  
>  
> That seems to make sense to me. What do you think?  
>  
> Neal Lavon  
> Takoma Park, MD  
> USA  
>  
> On Fri, 25 Feb 2005 18:15:49 -0800, "Jim Byrd"  
> <jrbyrd@spamlessadelphia.net> wrote:  
>  
>> Hi Neal - Well, I'd certainly try reseating the cables on BOTH ends  
>> first, taking a VERY careful look for bent pins, etc. on the  
>> components. It's very easy for a connector to get partially pulled  
>> out of the component's socket, also. It can be awkward to get into  
>> and hard to see, so be sure to have good bright light locally  
>> available when you look. If no joy there, then replacing the cables  
>> may be in order, but I'd make a good visual inspection first.  
>>  
>> How are you cabled up? Do you have both CD/MVP's on one cable, one  
>> master and one slave or Cable Select? or one on each of your IDE  
>> channels and, if so, as Masters or Slaves, or what. Have you made  
>> any physical change in your setup near coincident in time with your  
>> problem that thus might account for it? How you're cabled up and  
>> how the dipswitches/jumpers on the components are set (M, S, CS) can  
>> have significant impacts on their operation, particularly if not  
>> compatible with each other. A "typical" setup that works in most  
>> cases is to set the components as Slaves on their jumpers and then  
>> cable them as the slave components, one each of your HD channels (If  
>> you have two HD's). This is usually the end connector on the cable  
>> (the Master is usually the middle one.) If that doesn't apply,  
>> you'll need to make appropriate adjustments if things aren't set  
>> right. Note that on some machines I've found in the past that the  
>> CS approach doesn't always work and specifically selecting for M or  
>> S may be needed for proper operation. Read any available  
>> documentation CAREFULLY.