

# Problems with IDE Cable Select (was: [opensuse] Installation disk detection problems)

---

*Source:* <http://linux.derkeiler.com/Mailing-Lists/SuSE/2007-11/msg03091.html>

---

- *From:* Philippe Landau <[lists@xxxxxxxxxxxxxx](mailto:lists@xxxxxxxxxxxxxx)>
  - *Date:* Thu, 29 Nov 2007 19:34:49 +0100
- 

James Knott wrote:

Philippe Landau wrote:

Master/Slave was an obsession of the IDE protocol:  
There you need to set a jumper on each hard disk  
so that every IDE cable only has one master (and one slave),  
or CS (cable select) both. Sata does not need this.

Those master and slave jumpers are ancient. For many years, the  
selection is determined by the cable. If you use the end connector, the  
drive is the master. If the middle connector, it's the slave.

This is not true.

Of course you can use CSEL but you still need to set the jumpers  
correctly. Also CSEL does not work with old IDE cables.

[http://www.pcguides.com/ref/hdd/if/ide/conf\\_CS.htm](http://www.pcguides.com/ref/hdd/if/ide/conf_CS.htm)

So if you want to be sure, just set the jumpers to master/slave.

G T Smith wrote:

Unfortunately, in my experience cable detection tended to be somewhat  
unreliable ... it may have improved since on newer drives... but has  
given me much grief in the past....

CSEL was a good idea badly implemented and then overtaken by Sata.

Kind regards Philippe

—

To unsubscribe, e-mail: [opensuse+unsubscribe@xxxxxxxxxxxxxx](mailto:opensuse+unsubscribe@xxxxxxxxxxxxxx)

For additional commands, e-mail: [opensuse+help@xxxxxxxxxxxxxx](mailto:opensuse+help@xxxxxxxxxxxxxx)