

Re: Disabling Serial Ballpoint Mouse when GPS connected

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<http://www.tech-archive.net/Archive/Development/microsoft.public.win32.programmer.kernel/2006-01/msg00335.ht>

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 - *Date:* Wed, 18 Jan 2006 10:31:00 -0800
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you could try setting sermouse's start type to disabled (0x4), that will stop the driver from loading.

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"RichardB" <RichardB@xxxxxxxxxxxxxxxxxxxx> wrote in message news:BCC15ABE-04E1-4239-91BC-FBC2F98F61BF@xxxxxxxxxxxxxxxxxxxx

>I need to find a way of disabling the auto installation of mouse pointer
> drivers in Windows XP, specifically the "Microsoft Serial Ballpoint" mouse
> but other Microsoft mouse pointer give problems too. I am having problems
> of
> the mouse pointer jumping all over the screen whenever a GPS device is
> connected.
>
> I have seen this problem posted before but all suggested solution make use
> of either disabling the device in device manager or setting
> SkipEnumeration
> key in the registry. Both of these solution only work AFTER the problem
> has
> occurred: i.e. after the system has incorrectly detected that the new
> hardware is a "Microsoft Serial Ballpoint" mouse or similar and installed
> the
> driver thus making the mouse pointer jump all over the screen. Remedial
> action (disabling in device manager or registry changes) is then required.
>
> Unfortunately this is not suitable for my situation. The system I have
> relies on the end user (customer) connecting a USB GPS devices themselves.
> The user can install the GPS device in one of many USB ports connected to
> the
> system and could use a USB hub. The device will also change USB port as it
> is

Re: Disabling Serial Ballpoint Mouse when GPS connected

> connected and disconnected regularly, not always returning to the same USB
> port. A different USB port will be seen by XP as a different (and New)
> device
> and therefore new drivers will be installed even if a previous Ballpoint
> Mouse driver has been disabled in Device Manager.
>
> The system in question is a tablet system and therefore touchscreen only
> so
> options like disabling in Device Manager are very difficult.
>
> I am therefore looking for a way of disabling the automatic detection of
> mouse pointers. The ports should simply be recognized as RS232 Serial Com
> ports, nothing more. Automatic detection of mouse pointers is not required
> on
> this system.
>
> Is there anything that can be done to the .inf file
> (C:\WINDOWS\inf\msmouse.inf) which lists the Ballpoint mouse device to
> stop
> it from automatically installing?
> Or is it possible to remove completely the driver (sounds a bit
> excessive!!).
>
> Thanks
>
> ---
> Richard

• **Follow-Ups:**

- ◆ **[Re: Disabling Serial Ballpoint Mouse when GPS connected](#)**
◇ From: RichardB

- Prev by Date: **[Re: MapViewOfFile v ReadFile experiments and results](#)**
- Next by Date: **[Re: MapViewOfFile v ReadFile experiments and results](#)**
- Previous by thread: **[Readfile returns ERROR_INVALID_HANDLE](#)**
- Next by thread: **[Re: Disabling Serial Ballpoint Mouse when GPS connected](#)**
- Index(es):
 - ◆ **[Date](#)**
 - ◆ **[Thread](#)**