

Re: power over usb in the new garmins?

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> > > *Yep. And all GPS manufacturers using the latest state of the art DSP technology probably have never heard of voltage regulators... :-))*
> >
> > *So should that be taken as your recommendation to go ahead, plug it in, and see if they used a voltage regulator?*

Both of you are missing the point. We're no longer talking about magic garmin serial cables. We're talking about bog standard mini usb. Look at the manual for the vista C for instance. It's the exact same mini USB connector found on digicams et al.

My original question, was, is the power pin of that connector hooked up in any way to provide power to the GPSr. According to answers given: sometimes.

There's no debate about whether hooking a usb cable up to one of these new devices will kill it. It's either going to work, or it's not going to. We're NOT talking about using any of the magical USB-serial dongles, which can be hacked to provide power, and MAY cause damage to the GPSr. This was the case with the old style vista, for example, with the traditional plug. (that would be this one.. <http://www.pfranc.com/projects/g45contr/emap/index.htm>) if you don't know what we're talking about. With those plugs, and some USB dongles, frying was a possibility.

Any manufacturer that is using a BOG STANDARD, (see page 78 of the vista C manual) mini usb connector, has two options. Connect the power pin, or don't. Do you really think they're going to connect the pin, and not ensure that the 5v isn't going to hurt anything?

Cheers,
Karl P