

Re: power adapter... will it explode?

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wiso123@ms9.hinet.net (SolarWind) wrote in message

news:<ac0d3c54.0409230221.7b737a18@posting.google.com>...

> "Jim Rex" <jimrex0@hotmail.com> wrote in message news:<vPednfO1ttQjlc_cRVn-uA@rogers.com>...

>> Hello,

>>

>> I have a pair of speakers that need a 13V and 2A DC power adapter or wall

>> wart. I lost its wall wart and found a wall wart for another device, which I

>> have no idea what its for.. it gives out 15V and 400mA DC.

>>

>> The power adapter I found said on its back that it must not be used with any

>> other device except..[some brand name]..

>>

>> Now, I used it with the pair of speakers and it worked!!! Now, i'm worrying

>> that this configuration could cause it to explode or something....

>>

>> Will it do any harm???

It depends on the real voltages, not the marked ones. real ones are often a fair way removed from what it says.

You may fry your wall wart, but if you keep the volume down to .4/2 times max it should be ok. Pulling 2A from a .4A wart is a bit optimisitic.

> To find 3 1N4002 power diode in serial with your power adapter before

> the plug,

> each diode will drop 0.7V DC, and 2.1V for 3 diodes total, the diode

> cost is very low, you can find it in any electronic component shop:

just 2 tiny tech details:

1 rectifier diodes typically drop 1-1.5v on load, 0.6v is just the turn on knee.

2 we dont know what the real Vs involved are

NT