

## Re: 2nd Request Please Help if you can – Wireless Connection and WEP encryption

**Source:**

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network\\_web/2004-08/0821.html](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2004-08/0821.html)

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**From:** Jack (*JackMDS*)

**Date:** 08/07/04

Date: Fri, 6 Aug 2004 23:09:31 -0400

Hi

In a situation like this you have to start step at the time to make sure that all the component are working.

Compatibility of the Wireless Hardware should not be a problem since it is all plain vanilla 802.11b.

Step One: Use the original Modem and one computer connect to it and make sure that you have an Internet Connection.

Step two: Connect the D-Link Router to the DSL Modem and the working computer via cable to a regular port on the Router and configure the Router to get the Internet.

How? Here: <http://www.ezlan.net/PPPOE.html>

Step Three: Disconnect the computer from the Router and by using a cross over CAT5e cable connect the WAP to the computer and change the WAP IP to be of the same band as the D-Link and switch off the DHCP in the WAP.

This page was written for another purpose but the idea is the same:

[http://www.ezlan.net/router\\_AP.html](http://www.ezlan.net/router_AP.html)

Step Four: Plug the WAP into to Router, plug back the computer to the Router and configure the Wireless connection.

Basic Configuration: [http://www.ezlan.net/Wireless\\_Config.html](http://www.ezlan.net/Wireless_Config.html)

Basic Wireless Security: [http://www.ezlan.net/Wireless\\_Security.html](http://www.ezlan.net/Wireless_Security.html)

Please do not move from one Step to the other unless it is working.

Jack (MVP-Networking).

"Jack Gillis" <XXXXXXXXX@widomaker.com> wrote in message

news:10h6na9daivmh0f@corp.supernews.com...

> *I have been wrestling with this problem for several days and have*  
> *'Googled' it to death with no answer. Perhaps someone here can shed*  
> *some light on what is wrong and point me to a solution.*  
>  
> *First, I have a DSL connection to a Zoom X5 modem/router. To that are*  
> *connected one PC (XP Home) via an Ethernet cable and one Linksys WAP 11*  
> *access point. A Compaq Presario (XP Pro) connects to the WAP 11 through*  
> *its built in wireless device. XP's firewall on both machines is*  
> *disabled.*  
>  
> *\*\*\* Change to original post \*\*\**  
>  
> *I have replaced the Zoom X5 with the modem provided by my ISP and a D*  
> *Link DI 604 router. The same problem exist. Further info on the*  
> *problem is at end of post.*  
>  
> *\*\*\* Back to original post \*\*\**  
>  
> *All work just as I expected. I can connect to the internet from both*  
> *machines through the DSL connection and share files between the machines*  
> *with no problem as long as I have set up the wireless connection with*  
> *the WAP 11 set up utility with WEP DISABLED. However, if I enable WEP*  
> *for either 64 or 124 bit encryption, I can neither access the internet*  
> *nor share files between the two machines. The wireless connection icon*  
> *on the task bar pops up with message indicating there is excellent*  
> *signal strength to the SSID I have used. As I said, things work very*  
> *well without WEP encryption.*  
>  
> *Linksys and Zoom have offered no solution in spite of both trying hard*  
> *to do so.*  
>  
> *I must be missing something and that doesn't surprise me for I am*  
> *treading brand new ground in this area.*  
>  
> *I will appreciate any help anyone can give.*  
>  
> *Thank you very much.*  
>  
> *\*\*\* Further Info \*\*\**  
>  
> *On the laptop and WEP disabled on the WAP 11, Wireless connection*  
> *Status/Support shows the Address Type as 'Assigned by DHCP, the IP*  
> *Address as 192.168.0.102, the Subnet mask as 255.255.255.0 and the*  
> *Default Gateway as 192.168.0.1.*  
>  
> *With WEP enabled I, the above shows 'Invalid IP address.'*  
>  
> *I have changed the WAP 11 IP those settings above and get 'Automatic*  
> *Private Address" from the connection Status/Support. The same problem*  
> *exist; no internet no file sharing.*

- >
- > *Please what do I need to do?*
- >
- > *Thank you again.*
- >
- >
- >
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