

F.A.Q' s for TEW-444UB.

Q: How do I connect to my wireless network?

A: Open the utility by right clicking on the icon at the bottom right hand side of the screen and going to Open 802.11g Client utility.

🤨 🕂 🖉 🔊 🛢 🐠 2:13 PM		
Help		
Exit		
Open 802.11g Client Utility		
Preferences		
Disable Radio		
Manual LEAP Login		
Reauthenticate		
Select Profile 🔹 🕨		
Show Connection Status		

Click on the Profile Management tab then click on scan.

🕦 802.11g Client Utility - Current Profile: lab	? 🔀
Action Options Help	
Current Status Profile Management Diagnostics	
Default	<u>N</u> ew
test 💊 lab	<u>M</u> odify
	<u>R</u> emove
	Activate
⊂ Details	
Network Type: Infrastructure	Import
Security Mode: None	
Network Name 1 (SSID1): LAB411	Export
Network Name 2 (SSID2): <empty></empty>	Scan
Network Name 3 (SSID3): <empty></empty>	- Joan
Auto Select Profiles	Order Profiles



Highlight the wireless network you want to connect to. Click "Activate" then click ok.

Available Infrastructure a	nd Ad Hoc Network	S	? 🔀
Network Name (SSID) 🕯	🗿 Super XR Si	ignal Strength 📔 Channe	Wireless Mode
👗 LAB411	للد	21 dB 11	2.4 GHz 54 Mbps
👗 wireless 🖘 🖘	ող	3dB 11	2.4 GHz 54 Mbps
💡 wlan-g	ով	13 dB 6	2.4 GHz 54 Mbps
<			
	Activate	Refresh	ОК

It will ask you to name the profile and click ok.

Profile Management		? 🔀
General Security Advanc	d	
Profile Settings Profile Name:		
Client Name:	Test	
Network Names		
SSID1:	LAB411	
SSID2:		
SSID3:		
		OK Cancel

If you have encryption enabled. Go to the security tab and enter your Security settings.



Profile M	anageme	ent			? 🗙
General	Security	Advanced			
- Set 9	Security Op	tions			
0	WPA		WPA EAP Type:	LEAP 😽	
0	🕽 WPA Pa	ssphrase			
0) 802.1x		802.1x EAP Type:	LEAP	
0	Pre-Shar	ed Key (Static WEP)			
0	None				
[Config	ure,		Allow Association to Mixed Cells	
1.					2,850
			<u></u>		
				OK OK	Cancel

If you did not have encryption enabled it will switch over to the Current Status tab. If the connection was successful you will receive status bars for Signal Strength.



🕦 802.11g Client Uti	lity - Current	Profile: Lab		? 🔀
<u>A</u> ction <u>O</u> ptions <u>H</u> elp				
Current Status Profile M	anagement Diag	nostics		
TRENDnet	Profile Name:	Lab		WIRELESS
TRENDware, USA What's Next in Networking	Link Status:	Associated		108
	Wireless Mode:	2.4 GHz 54 Mbps	IP Address:	192.168.3.140
	Network Type:	Infrastructure	Current Channel:	11
Server Base	d Authentication:	None	Data Encryption:	None
	Signal Strength:			Good
				Advanced

Q: What is Ad-Hoc Mode?

A: Peer-to-peer wireless connection between computers when no router or access point is used.



Q: How do I configure encryption on my wireless adapter?

A: Open the utility by right clicking on the icon at the bottom right hand side of the screen and going to Open 802.11g Client utility.

0	🕕 🖉 💽 📲 👧 👧 2:13 PM
	Show Connection Status
	Select Profile
	Reauthenticate
	Manual LEAP Login
	Disable Radio
	Preferences
	Open 802.11g Client Utility
	Exit
	Help

Click on the Profile Management tab of the Wireless Configuration Utility, hightlight the profile you want to modify and click modify.

🕦 802.11g Client Utility - Current Profile: lab	? 🔀
<u>A</u> ction <u>O</u> ptions <u>H</u> elp	
Current Status Profile Management Diagnostics	
Default	<u>N</u> ew
test 🐔 lab	Modify
	<u>R</u> emove
	Activate
Details	
Network Type: Infrastructure	Import
Security Mode: None	
Network Name 1 (SSID1): LAB411	Export
Network Name 2 (SSID2): <empty></empty>	Scan
Network Name 3 (SSID3): <empty></empty>	
Auto Select Profiles	Order Profiles

Then select what type of encryption you are using and click ok..



Profile Management			? 🗙
General Security Advanced			
Set Security Options			
O WPA	WPA EAP Type:	LEAP	
WPA Passphrase			
0 802.1x	802.1x EAP Type:	LEAP	
O Pre-Shared Key (Static WEP)			
⊙ None			
Configure		Allow Association to Mixed Cells	
			- 1
			1
7		ОК С.	ancel

Q: Why does my utility only have three tabs?

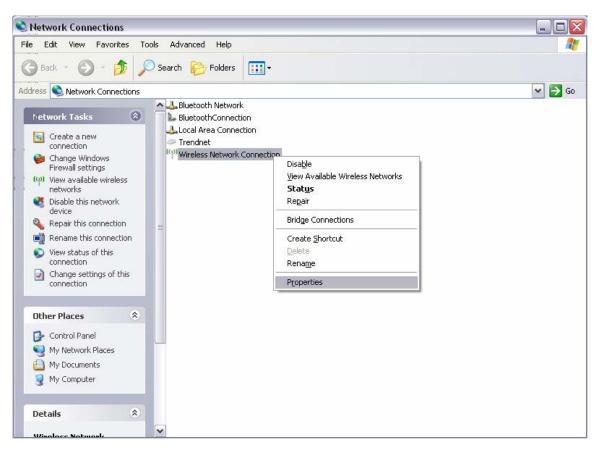
A: The "Windows Wireless Zero Configuration Utility" is controlling the adapter.

Click on Start then Run and type in "ncpa.cpl", without the quotes and hit enter.

Run	? 🔀
-	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	ncpa.cpl 💌
	OK Cancel <u>B</u> rowse

This will open the Network Connections window. Right click on your wireless network connection and click on properties.





Click on the Wireless Networks tab and uncheck "Use Windows to configure my wireless networks" at the top. The Wireless Configuration Utility should now have all seven tabs.



01/16/06

- Wireless Network Connecti	on Properties 🛛 🔹 👔 🔀
General Wireless Networks Adva	inced
✓ Use Windows to configure my w	vireless network settings
Available networks:	_
To connect to, disconnect from, about wireless networks in range,	
	View Wireless Networks
Automatically connect to availabl below:	e networks in the order listed Move up Move down
Add <u>Remove</u> Learn about <u>setting up wireless ne</u> configuration.	Properties etwork Advanced
	OK Cancel

Q: Why is the Wireless Networks tab missing under the properties of my wireless network connection?

A: The Wireless Zero Configuration service is not running.

Click on Start then Run. Type in "services.msc", without the quotes and hit enter.

Run	? 🔀
-	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	services.msc
	OK Cancel Browse

This will open the services window. Double click on the Wireless zero configuration service.



Services Action View Help File 😭 🕼 🖾 3 $\leftarrow \Rightarrow$ 84 Ь H 🍓 Services (Local) 🏶 Services (Local) Descriptio 🔨 Name 🔼 Wireless Zero Configuration 🍓 Universal Plug and Play Device Host Provides s Stop the service Wolume Shadow Copy Manages -Restart the service WebClient Enables W 🖏 Windows Audio Manages -Description: Windows Firewall/Internet Connection... Provides r Provides automatic configuration for the 🏶 Windows Image Acquisition (WIA) Provides ii 802.11 adapters 🖏 Windows Installer Adds, mor 🦓 Windows Management Instrumentation Provides a 🍓 Windows Management Instrumentatio... Provides s 🖏 Windows Time Maintains Windows User Mode Driver Framework Enables W 🎨 Wireless Zero Configuration Provides a 🏶 WMI Performance Adapter Provides p Workstation Creates a < 1111 > Extended / Standard

Make sure the Startup type is set to Automatic and click on "Start" to start the service. Click "Apply" then "Ok".



Wireless Zero Co	nfiguration Properties (Local Computer)	?	\mathbf{X}	
General Log On Recovery Dependencies				
Service name: WZCSVC				
Display <u>n</u> ame:	Wireless Zero Configuration			
Description:	Provides automatic configuration for the 802.11 adapters	~ ~		
Pat <u>h</u> to executable:				
C:\WINDOWS\System32\svchost.exe -k netsvcs				
Startup typ <u>e</u> :	Automatic	~		
Service status: Stopped				
<u>S</u> tart	Stop <u>P</u> ause <u>R</u> esume			
You can specify the start parameters that apply when you start the service from here.				
Start para <u>m</u> eters:				
	OK Cancel Ap	ply		

Q: Why am I getting low signal strength?

A: There are a number of factors that can impact the range of wireless devices.

- 1) Keep the number of obstructions to a minimum. Each obstruction can reduce the range of a wireless device. Position the wireless devices in a manner that will minimize the amount of obstructions between them.
- 2) Building materials can have a large impact on your wireless signal. In an indoor environment try to position the wireless devices so that the signal passes through drywall or open doorways or space.
- 3) Antenna position can also have a large impact on your wireless signal. Use the adapter's site survey tool to determine the best antenna position for your wireless devices.
- 4) Interference from devices that produce RF noise can also impact your signal. Position your wireless devices away from Microwaves, UPS's, monitors, HAM radios, etc. Also, anything operating on the 2.4ghz frequency will cause



interference. Such as 2.4ghz cordless phones or other wireless remotes operating on the 2.4ghz frequency.

If you are experiencing low, or no, signal strength consider repositioning the wireless devices, repeating the signal or using stronger antenna's to boost the signal strength.