Q: How do I connect to my wireless network?

A: Step 1. Double-click the Bluetooth icon in your System Tray.



Step 2. Select "802.11g USB 2.0 WLAN Dongle" from the **Network Adapter** drop down menu. Next double-click the **SSID** you wish to connect to within the **Available Network** window.

🍠 Wireless LAN Con	figuration Tool Plus		X
Network Ada	apter:	Mode: Station	•
802.11g US	B 2.0 WLAN Dongle		-
Available Network: SSID 450test hotspot LAB411	Strength 100% 33% 43% Type: SSID: Tx Rate: Encrypt	etwork Information : 1 : Infrastructure : 450test : 11 Mbps : TKIP	•
Refresh	End ypt.	More Setting	1
Link Status: 0 Signal Strength: 1 Link Quality: 1 Tx Frame: 2	Connected to Access Poir	nt. BSSID=00 C0 02 E2 B4 42 100 70 ame: 85236	1%

Step 3. Verify the connection status by checking the Link Status, Signal Strength and Link quality fields.

🍠 Wireless LAN C	onfiguration	Tool Plus	
(Network A	dapter:	Mode: Station	•
2 802.11g	USB 2.0 WLAN	I Dongle	-
Available Network SSID	: Strength	Current Network Information	
450test hotspot	100% 33%	Channel: 1	
LAB411	43%	Type: Infrastructure SSID: 450test	
		Tx Rate: 11 Mbps	
Refres	h	Encrypt: TKIP More Settin	ng
Link Status:	Connected t	o Access Point. BSSID=00 C0 02 E2 B	4 42
Signal Strength:			100%
Link Quality:			70%
Tx Frame:	27043	Rx Frame: 85236	

Q: How do I configure my TBW-103UB if my access point has WPA encryption enabled?

A: Step 1. Double-click on the wireless icon in your System Tray.



Step 2. Select "802.11g USB 2.0 WLAN Dongle" from the **Network Adapter** drop down menu. Next double-click the **SSID** you wish to connect to within the **Available Network** window.

Wireless LAN Configuration	i Tool Plus 📃 🗖 🔀
(Network Adapter:	Mode: Station 💌
802.11g USB 2.0 WLA	N Dongle
Available Network: SSID Strength	Current Network Information
450test 100% hotspot 33%	Channel: 1
LAB411 * 43%	Type: Infrastructure SSID: 450test
Refresh	Tx Rate: 11 Mbps Encrypt: TKIPMore Setting
Link Status: Connected	to Access Point. BSSID=00 C0 02 E2 B4 42
Signal Strength:	100%
Link Quality:	70%
Tx Frame: 27043	Rx Frame: 85236

Step 3. The following window will pop-up. If this is the first time you are connecting to this network or you are changing your network key click **No**.

Use Pre	vious WPA Setting	
?	You have selected to connect to the WPA encryption network. Do you want to use the previous WPA setting?	
	<u>Yes</u> <u>N</u> o	

Step 4. Click Change.

PA Setting	
Connect Infoma	ation
Protocol:	TLS
User Name:	
Password:	
Pre-shared Key	
Passphrase:	
(ASCII format,	the length must be in 863)
Certificate	
Not Found -is	sued by Not Found
WEP Key	
	WEP KEY SETTING
-	

Step 5. Enter the network key into the passphrase box, click Apply then close the window.

Setting		
Connect Infoma	tion	
Protocol:	TLS	v
User Name:		_
Password:		_
Pre-shared Key		
Passphrase:	*****	_
(ASCII format, t	the length must be in 863)	
Certificate		
		-
WEP Key		
	WEP KEY SETTING	
		Apply

Step 4. Verify the connection status by checking the Link Status, Signal Strength and Link quality fields.

🃕 Wireless LAI	A Configuration	i Tool Plus	
Networ	k Adapter:	Mode: Stat	ion 💌
Available Netw SSID 450test hotspot LAB411	ork: Strength 100% 33% 43%	Current Network Information Channel: 1 Type: Infrastructure SSID: 450test Tx Rate: 11 Mbps	
Refi	resh	Encrypt: TKIP More S	Setting
Link Stat Signal Streng Link Qual	us: Connected hth: Internet	to Access Point. BSSID=00 C0 02	E2 B4 42
Tx Fran	ne: 27043	Rx Frame: 85236	

Q: How do I configure my TBW-103UB if my access point has WEA encryption enabled?

A: Step 1. Double-click on the wireless icon in your System Tray.



Step 2. Select "802.11g USB 2.0 WLAN Dongle" from the **Network Adapter** drop down menu. Next double-click the **SSID** you wish to connect to within the **Available Network** window.

🄰 Wireless LAN Configuration	Tool Plus 📃 🗖 🔀
Network Adapter:	Mode: Station 💌
Available Network: SSID Strength 450test 100% hotspot 33% LAB411 43%	Current Network Information Channel: 1 Type: Infrastructure SSID: 450test
Refresh	Tx Rate: 11 Mbps Encrypt: TKIP More Setting
Link Status: Connected Signal Strength: Link Quality: Tx Frame: 27043	to Access Point. BSSID=00 C0 02 E2 B4 42 100% 70% Rx Frame: 85236

Step 3. The following window will pop-up. If this is the first time you are connecting to this network or you are changing your network key click **No**.



Step 4. Click Change.

Key Length:	€ 64 bit C 128 bit C 256 bit
Default Key	ID: #1
Key Format:	🕫 Hexdecimal 🔹 C ASCII
Key Value:	#1: *********
	# 2: ********
	#3: *********
	#4: ******

Step 5. Enter the your encryption values and keys into the appropriate fields, click **Apply** then close the window.

WEP Key Setting	
WEP Key Sett	ing
Key Length:	🖲 64 bit 🔿 128 bit 🔿 256 bit
Default Key 1	ID: #1 💌
Key Format:	Hexdecimal C ASCII
Key Value:	#1: ********
	#2: ********
	#3: ********
	#4: ********
	Apply

Step 6. Verify the connection status by checking the Link Status, Signal Strength and Link quality fields.

🄰 Wireless LAN Configura	tion Tool Plus 📃 🗆 🔀
(Network Adapter:	Mode: Station 💌
802.11g USB 2.0	WLAN Dongle 🗾
Available Network: SSID Strengt	Current Network Information
450test 100% hotspot 33%	Channel: 1
LAB411 43%	Type: Infrastructure
	Tx Rate: 11 Mbps
Refresh	Encrypt: TKIP More Setting
Link Status: Connec	ted to Access Point. BSSID=00 C0 02 E2 B4 42
Signal Strength:	100%
Link Quality:	70%
Tx Frame: 27043	Rx Frame: 85236

Q: What are the different modes that the TBW-103UB supports?

A: The TBW-103UB has a Station (Infrastructure mode) and an Access Point (Ad-hoc) mode.

Q: How do I access the Bluetooth Utility.

A: Step 1. Double-click the Bluetooth icon in your System Tray.



Step 2. Click the orange ball to search for Bluetooth devices.



Step 3. Double Click the Bluetooth enabled device. All available Bluetooth services are highlighted in yellow for your convenience. Double-click the Bluetooth service you want to enable.



Note: It will prompt you to pair the devices. Enter in a PIN code and the remote Bluetooth device will be challenged with that PIN code. In instances where the Bluetooth device does not have a way to enter a PIN code, for example a headset, there will be a certain method used to pair the devices. Please refer to the Bluetooth devices user's guide for instructions on how to pair the device.

Q: When I use the File Transfer service where are the files transferred to on my computer?

A: They will located in your "My Documents" folder. Double click on My Documents then the Bluetooth folder then the Share folder.

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 <u>B</u> rowse

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



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

Wireless Zero Configuration Properties (Local Computer) 🔶 🔀	
General Log On	Recovery Dependencies
Service name:	WZCSVC
Display <u>n</u> ame:	Wireless Zero Configuration
Description:	Provides automatic configuration for the 802.11
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 Pause Resume
You can specify the start parameters that apply when you start the service from here.	
Start parameters:	
OK Cancel Apply	

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.