## Dual Band Wireless AC Adapter User's Manual

Thank you very much for purchasing this dual band adapter. This guide will introduce the installation of the driver and tell you how to connect your desktop to Internet by the adapter. Please follow the instructions in this guide to avoid affecting the adapter's performance by improper operation.

## 1. Install the Driver

The procedures in different systems are quite similar, therefore, here takes the procedures in Windows XP for example.

(1). Insert the Resource CD into your CD-ROM drive, and open the folder with the same name as your product. Then double-click Setup.exe in the proper folder to start the installation, Figure 1 will appear.



Figure 1

(2). Follow the instructions step-by-step to complete Installation.



### 2. Connect to Wireless Network

There are two ways for you to connect to wireless network:

## A. Configure wireless connection with Realtek Wireless Client Utility.



can also run the utility by clicking Start->All Programs-> REALTEK USB

wireless LAN UTILITY-> REALTEK USB Wireless LAN Utility.



Figure 2

The window of Wireless LAN Utility will appear as Figure 3 shows.

REALTEK 11n USB W	ireless LAN Utility					
Refresh(R) Mode(M) About(A)						
Realtek 8812AU	General Profile Available Network Status Statistics					
	Status: Not Associated					
	Speed: N/A					
	Type: N/A					
	Encryption: N/A					
	SSID:					
	Signal Strength:					
	Natwork Address					
	MAC Address: 64:55:09:50:05:68					
	IP Address: 0.0.0.0					
	Subnet Mask: 0.0.0.0					
	Gateway:					
	ReNew IP					
Show Tray Icon		Close				
Radio Off	Windows Zero Config					

Figure 3

2. Click the Available Network and you will see a new screen (Figure 4), then the latest available Network will appear.

REALTEK 11n USB W	ireless LAN Utility							
MyComputer	General Profile Available Network	Statue Statistic	<ul> <li>V/i-Fi Proter</li> </ul>	1 Salun				
Realtek 8812AU	Ausiable Metuod///	Status Statustic	5 WITH 1000	a Serup				
	Available Network(s)		-			1	1992,222	
	SSID	Channel	Encryption	Network Authentication	Signal	Type	BSSID	Mode
	4"ChinaNet-gNEG	1	AES	WPA Pre-Shared Key/	56%	Infrastructure	UC:96:8F:7E:D8:08	N,G
	A" galaxywind-test	1	None	Unknown	42%	Infrastructure	00:00:43:30:50:70	N,G
	A" 3buase	3	AES	WPA2 Pre-Shared Key	48%	Intrastructure	00:23:00:03:11:A0	N,G
	A"HG532e-5KBJUA	3	AES	WPA2 Pre-Shared Key	12%	Infrastructure	F8:01:13:92:F4:84	N,G
	<i>I</i> "110	5	None	Unknown	48%	Infrastructure	00:26:66:35:00:08	N,G
	Ariptime-n/UU4ns	y	TKIP	WPA Pre-Shared Key	62%	Infrastructure	00:08:9F:00:00:20	G
	(C) zion	9	TKIP	WPA Pre-Shared Key	100%	Infrastructure	UU:UE:E8:64:U7:56	G
	A"Nowsonic Stage Router	11	None	Unknown	100%	Infrastructure	78:44:76:00:00:14	N,G
	I TOTOLINK_123	11	TKIP/AES	WPA Pre-Shared Key/	100%	Infrastructure	78:44:76:B4:B7:42	N,G
	I"TOTOLINK_6A638E	11	None	Unknown	24%	Infrastructure	BB:55:10:6A:63:95	N,G
	I"iptime	11	None	Unknown	100%	Infrastructure	00:26:66:D5:45:E4	N,G
	A Nowsonic Stage Kouter Sta	30	None	Unknown	100%	Intrastructure	78:44:76:00:00:10	N,A
	<)							>
	Refresh		Ad	d to Profile				
	Note Double click on item to join	/create profile.						
Show Tray Icon	Disal	ole Adapter						Close
Radio Off		tows Zero Con	fin				L	0.000

Figure 4

3. In the screen above, select a network (e.g. Nowsonic Stage Router 5G) and click Add to Profile, then you will see the next screen (Figure 4). Please enter the wireless network properties.

Wireless Network Prop	erties:			
Profile Name:	Nowsonic Stage Router 5G	802.1x configure		
Network Name(SSID):	Nowsonic Stage Router 5G	EAP TYPE :		
				~
_		Tunnel :	Privision Mode	э:
access points are no	o-computer(ad hoc) network; wireless it used.		~	~
Channel	36 (5180MHz)			
Charlier		Username :		
- Wireless network sec	urity			
This network require:	s a key for the following:	Identity :		
Netv	vork Authentication: Open System 🛛 💌			
	Data encryption: Disabled	Domain :		
	counace.			
CAUCE CIPAG	SPARADE	Password :		
Key index (advanced	): 1 💌	Certificate :		
Network key:				
		PAC : Aut	to Select PAC	
Confirm network key:				
ОК	Cancel			



4. After entered the Wireless Network Properties and click OK, then you will see the connection status on this interface (Figure 6).

COREALTER THIUSE Y	VIPELESS LAIN UTILITY	
Refresh(R) Mode(M) Abo	xut(A)	
B VyComputer	General Profile Available Network Status Statistics Wi-Fi Protect Setup	
	Status: Associated	
	Speed: Tx:300 Mbps Rx:300 Mbps	
	Type: Infrastructure	
	Encryption: None	
	SSID: Nowsonic Stage Router 5G	
	Signal Strength: 100%	
	Lirk Quality:	
	Network Address:	
	MAC Address: 64:E5:99:F0:9E:68	
	Sylnet Made: 0.0.0.0	
	Gateway:	
	Rohow IP	
<u> </u>	J	
Show Tray Icon	Disable Adapter	Close
LI Kadio Uff	windows zero contig	

Figure 6

# B. Configure wireless connection in Windows XP with Wireless Zero Configuration

Tick out the Windows Zero Configuration to enable the Windows Zero Configuration Tool.

💐 REALTEK 11n USB W	Vireless LAN Utility					
Refresh(R) Mode(M) About(A)						
🖻 😼 MyComputer	General Profile Available Network Status Statistics Wi-Fi Protect Setup					
1857	Status: Associated					
	Speed: Tx:300 Mbps Rx:300 Mbps					
	Type: Infrastructure					
	Encryption: None					
	SSID: Nowsonic Stage Router 5G					
	Signal Strength: 100%					
	Link Quality:					
	Network Address:					
	MAC Address: 64:E5:99:F0:9E:68					
	IP Address: 0.0.0.0					
	Subnet Mask: 0.0.0.0					
	Gateway:					
	ReNew ID					
Show Tray Icon	Disable Adanter					
Radio Off	✓ Windows Zero Config	Liose				

Figure 7

**B-1:** If you the Windows Zero Configuration Tool still doesn't work, please refer to the following three steps to configuration your PC.

1. Right-click "My computer"□"Manage", then you will see next window (Figure 8).



#### Figure 8

2. After click the "Services and Applications"->"Services", please find the name "Wireless Zero Configuration" (Figure 9).



Figure 9

3. Double click "Wireless Zero Configuration", and then you will see the pop-up window below (Figure 10). If service status is Stopped, please click Start and click OK to save configuration.

ieneral	Log On	Recovery Dependencies				
Service	name:	WZCSVC				
Display	name:	Wireless Zero Configuration				
Descrip	tion:	Provides automatic configuration for the 802.11				
Path to	executabl	8				
E:\WIN	DOWS\S	ystem32\svchost.exe -k netsvcs				
Startup	type:	Manual	*			
Service	status:	Stopped				
S	tart	Stop Pause	Resume			
You car from her	n specify t re.	ne start parameters that apply when yo	ou start the service			
Start pa	rameters:					

Figure 10

**B-2:** While the Wireless zero configuration tool works normal, please following these steps to connect to a wireless network.

1. Please click the wireless zero configuration icon S. The wireless

network connection interface will appear with many available wireless network choices.

2. Choose one network name and click Connect to add to a network.





3. If the network you want to connect to is without encryption, the warning windows to pop up, just click Connect Anyway (you should enter the correct password if the access point has enabled encryption).





3. If the connection is finished, the icon will display like the next screen shown.

(1) Wireless Network Connect	ion	
Network Tasks	Choose a wireless network	
😴 Refresh network list	Click an item in the list below to connect to a wireless network in ran information.	ige or to get more
Set up a wireless network	((Q)) Nowsonic Stage Router 5G	Connected 👷 1
for a nome or small office	Unsecured wireless network	0000
Related Tasks	((Q)) zion	Automatic 😭
(j) Learn about wireless	Security-enabled wireless network (WPA)	
networking	((Q)) Nowsonic Stage Router	
Change the order of preferred networks	Unsecured wireless network	
🍄 Change advanced	((Q)) TOTOLINK_123	
settings	Becurity-enabled wireless network (WPA)	6864
	((Q)) HG532e-5KBJUA	
	Security-enabled wireless network	
	((Q)) iptime-n7004ns	
	Becurity-enabled wireless network (WPA)	. Obse
		Connect

Figure 13

#### **∆**Note:

If a well-balanced wireless network cannot be created, please ask your dealer for help.