



Thank you for your selection of MODE COM MC-WL01 PCI Wireless LAN Adapter

Mode Com places a high value on quality of its products to not only match, but also surpass customers' requirements. Our clients are well acquainted with high quality, advanced technology, reliability and functionality of our products. To facilitate the use of the device please take a few moments to read the instruction manual thoroughly.

For You we create products unique in every aspect...

#### Choose better future, choose Mode Com!

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#### 1 Install the driver

**a** Insert the installation CD into your CD-ROM driver, Double click the icon **b** click **Yes** to go on



to start setup

RALINK Wireless Network Card S	etup 🔀
Please read the following Lic	ense Agreement.
	Please read the following license agreement. Use the scroll bar to view the rest of this agreement.
	RALINK Wireless Uliky for Windows 98/ME/2000/XP Copyright (C) RALINK TECHNOLOGY, CORP. AI Rights Reserved.
	Thank you for purchasing RALINK Wireless product!
5	SUF IWARE PRODUCT LICENSE The SOFFWARE PRODUCT is protected by copyright laws and international copyright treates, as well as other intellectual property laws and treaties. The SOFTWARE PRODUCT is focused, not sold.
Ralink	<ol> <li>GRANT OF LICENSE. This End-User License Agreement grants you the following rights:Installation and Use. You may install and use an unlimited number of copies of the SOFTWARE PRODUCT.</li> </ol>
	Reproduction and Distribution You may reproduce and distribute an unlimited number of copies of the SOFTWARE PRODUCT; provided that each copy shall be a true and complete
	Select Yes to accept the agreement. Select No to cancel the setup.
InstallShield	Yes No





d click Finish to end the setup

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**2** Turn off your computer, Plug in your PCI wireless LAN adapter, and then turn on your computer. it will be recognized and auto installed. Just confirmed it like below:



#### 3 Make infrastructure connection

Double click the icon in red circle



SSID	BSSID	Sig	Ċ	Encrypt	Authent	Network T
<b>S</b> yyy 2	00-0C-20-03-41	10	1	None	Unknown	Infrastruct
zioncom	00-0C-20-03-13	29%	11	None	Unknown	Infrastruct
1				2		

You can click the button *Rescan* to find which AP is in range, they will show on the window, choice one you want to connect, and click the button *connect*, and click *o* to finish the connection operation. An infrastructure connection is accomplished.

Note, please choose correct channel setting up to your law, for example, ch13 is permitted in your country, and you set your router at ch13, while you choose ch1-ch11 (default setting), you will never find the AP, and you will have to choose ch1-ch13 setting in *Advanced* page as below

🤹 Ralink Wireless Utility	
Profile Link Status Site Survey Statistics	Advanced About
Wireless mode 802.11 B/G mix	Select Your Country Region Code     Select Your Country Region Code     I1 B/G 1: CH113     DrCH111     DrCH1.11     Tr CH1.13
B/G Protection Auto	CCX 2.0
Tx Rate Auto 💌	4: CH14 LEAP turn on CCK 5: CH1-14 6: CH3-9
Tx BURST	Enable Radio Measurement     Non-Serving Channel Measurements
Enable TCP Window Size	Limit 250 milliseconds (0-2000)
☐ Fast Roaming at 70 dBm	
Turn off BF	
	OK Help



#### 4 Some help information in MC-WL01 Wireless Utility

How to find out your IP address:

R	WWW.RAI	LINKTECH.CO	M
(c) Copyright 2004,	Ralink Technology	v, Inc. All right	s reserved.
RaConfig Version :	1.0.6.0	Date :	07-20-2005
Driver Version :	1.0.1.0	Date :	07-01-2005
EEPROM Version :	1.0		
IP Address :	192.168.1.17	Phy_Addre	ss : 00-E0-4C-A0-33-68
Sub Mask :	255 255 255 0	Default Gal	eway 19216811

How to find out which a WIFI environment you are inside

100 K.Hz
100 KHz
54.0
5.2
Imi 🔿

#### 5 Make Ad-Hoc mode connection

5.1 Make an Ad-Hoc SSID

Profile Name	SSID	Channel	Authentication	Encryption	Network Ty.

D				
D				
		-		
	L	,		

Add Profile
Configuration Authentication and Security
Profile Name PROF2 SSID
CAM (Constantly Awake Mode)     C PSM (Power Saving Mode)
Network Type Infrastructure TX Power Auto
RTS Threshold     0      2347     2347
□ Fragment Threshold 256 2346 2346
OK Cancel Apply Help

Add Profile		XI	
Configuration Authentication and Secur	ity		
Profile Name PROF2	SSID		
PSM © CAM (Constantly Awake Mode)	C PSM (Power Saving	g Mode)	
Network Type Ad hoc	TX Power Aut	•	
Preamble Auto	Ad hoc wireless 802 mode 802	2.11 B/G mix 💌	
RTS Threshold     O	\ 2347 2	347 Channel	
	2240		

Profile Name	SSID	Channel	Authentication	Encryption	Network Ty
PROF1	zion	1	Open	None	Ad hoc
					-
			-	1 /	$\frown$

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#### A) At its property page, double click item Internet Protocol (TCP/IP) 💼 Network and Dial-up Connect - 🗆 × File Edit View Favorites Tools Advanced Help 橋 + Back + - + 🖻 Q Search 🗳 Folders 🔇 History 📲 🧏 🗙 🕫 🏢 · (2 Go Address 📄 Network and Dial-up Connections --F B Make New Local Area Local Area Local Area Connection Connection 3 Connection 5 Network and Dialup Connections Local Area Connection 3 Properties ? × Local Area Connection 3 General Sharing Type: LAN Connection Connect using: Status: Network cable unplugge Balink Wireless LAN Card V2 #18 Ralink Wireless LAN Card V2 #10 Configure Components checked are used by this connection: 🗹 🔜 Client for Microsoft Networks Representation of the terminal of the terminal strength and te AEGIS Protocol (IEEE 802.1x) v3.4.3.0 CInternet Protocol (TCP/IP) Install Uninstall Properties Description Allows your computer to access resources on a Microsoft network. Ralink Wireless LAN Card V2 #10 🔲 Show icon in taskbar when connected

5.2 Setup static IP address for the Ad-Hoc link

#### B) You will get

ou can get IP settings assigned a is capability. Otherwise, you nee e appropriate IP settings.	automatically d to ask your	if your netwo	netwo ork.adr	rk sup ninistra	ports itor for
© <u>O</u> btain an IP address autom	atically				
Use the following IP address	r. ———				
IP address:					
S <u>u</u> bnet mask:					
Default gateway:				2	
Obtain DNS server address     Use the following DNS serve     Preferred DNS server:     Alternate DNS server:	automatically er addresses:				
<u>A</u> lternate DNS server:				a	

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C) Fill the IP address blank, example as below:

ternet Protocol (TCP/IP) Prop	perties ?
General	
You can get IP settings assigned this capability. Otherwise, you ne the appropriate IP settings.	automatically if your network supports ed to ask your network administrator for
O <u>O</u> btain an IP address autor	natically
	S:
IP address:	192.168.1.1
S <u>u</u> bnet mask:	(255.255.255.0)
Default gateway:	
C Obtain DNS server address	automatically.
- Use the following DNS serv	ver addresses:
Preferred DNS server:	
<u>A</u> lternate DNS server:	· · · ·
	Ad <u>v</u> anced
	OK Cancel

D) Click **ok** to finish the setup

neral Sharing	
nnect using:	
Ralink Wireless LAN Card V2 #1	10
	Configur
mponents checked are used by this	connection:
Elient for Microsoft Networks	
🛛 📇 File and Printer Sharing for Mici	rosoft Networks
AEGIS Protocol (IEEE 802.1x)	v3.4.3.0
Internet Protocol (TCP/IP)	
Internet Protocol (TCP/IP)	1
Internet Protocol (TCP/IP)	P <u>r</u> operties
Internet Protocol (TCP/IP) Install Description	Properties
Install Uninstall Description Transmission Control Protocol/Intern wide area network protocol that prov across diverse interconnected network	Properties net Protocol. The default vides communication orks.
Internet Protocol (TCP/IP) Install Uninstall Description Transmission Control Protocol/Intern wide area network protocol that prov across diverse interconnected netwo	Properties net Protocol. The default vides communication orks.
Install Uninstall Install Uninstall Description Transmission Control Protocol/Intern wide area network protocol that prov across diverse interconnected netwo Show icon in taskbar when connect	Properties net Protocol. The default vides communication orks.
Install Uninstall Install Uninstall Description Transmission Control Protocol/Intern wide area network protocol that prov across diverse interconnected netwo Show icon in taskbar when connected	Properties net Protocol. The default vides communication orks.
Internet Protocol (TCP/IP) Install Description Transmission Control Protocol/Intern wide area network protocol that prov across diverse interconnected netwo Show icon in taskbar when connec	Properties net Protocol. The default vides communication orks.

- 5.3 Ad-Hoc setup for one point accomplished
- 5.4 Setup another Ad-Hoc point as step A,B,C,D.
- 5.5 Ad-Hoc mode link accomplished. And you can visit each other.

Note: To make an Ad-Hoc mode link, Do remember to choice the same channel, its static IP address should be in the same netsub, and the SSID should be the same too.

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