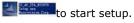
#### Wireless USB Adapter user's manual

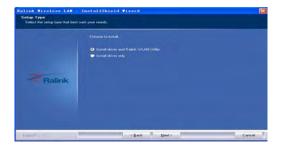
- 1. Install the driver
  - Insert the installation CD into your a. CD-ROM driver, Double click the icon



b.



Choose Ralink configuration Tool and c. click next to go on



d. Choose optimize for wifi mode and click next to go on



e. Choose Click Install to begin the installation and click Install to go on



#### f. Click Finish to end the setup



2. Plug in your usb wireless LAN adapter, it will be recognized and auto installed..Just confirmed it like below:



3. Make infrastructure connection

Double click the icon in red circle



You will see:

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You can click the button Rescan to find which AP is in range, the will show on the window, choice one you want to connect, and click the button connect.

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 seting in Advanced page as below.

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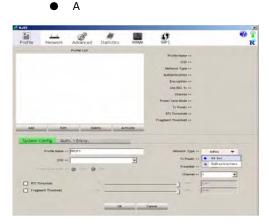
- 4. Some help information in Ralink Wireless utility
  - How to find out your ip address:

Profile	Network	Advanced	Statist	és .		S.				R
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### 5.Mske Ad-hoc mode connection

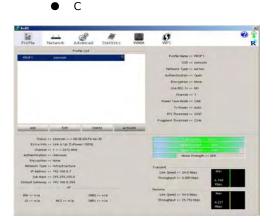
#### •Mske an Ad-hoc SSID





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- 5.2 Setup static IP address for the AD-Hoc link
- •A At its property page,double click item Internet Protocol(TCP/IP)



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• C Fill the IP address blank, example as

#### below:

Internet Protocol (TCP/IP) Prop	ertles	<u> ? ×</u>
General		
You can get IP settings assigned this capability. Otherwise, you nee the appropriate IP settings.	automatically if your network supports ed to ask your network administrator for	
C Obtain an IP address autom	atically	
Use the following IP address	a:	
IP address:	192.168.1.1	
Sybnet mask:	(255.255.255.0)	
Default gateway:		
C Obtain DNS server address	automatically	
C Use the following DNS serve	er addresses:	-
Preferred DNS server:		
Alternate DNS server:		
	Adyanced	
	OK Cano	cel l

### • D Click ok to finish the setup



5.3 Ad-Hoc setup for one point accomplished 5.4 Setup another Ad-hoc point as step A $_{\times}$  B $_{\times}$  C $_{\times}$  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.

# **Product Description**

WL0183 is designed to provide a high-speed and unrivaled wireless performance for your computer. With a faster wireless connection, you can get a better Internet experience, such as downloading, gaming, video streaming and so on. Use the most advanced wireless networking technology IEEE802.11n (Draft 2.0) standard. When 802.11n devices are in both connection ends, MIMO technology utilizes twice radio wave length band to increase three times transmission speed. WL0183 supports WPS, which can help you create a wireless connection with effortless security setup, to prevent outside intrusion and protect your personal information from

being exposed. It is a perfect solution for small office and home needs.

## **Product Features**

- Complies with IEEE 802.11n (Draft 2.0), IEEE 802.11g, IEEE 802.11b standards.
- Provides USB v2.0 interface
- 150Mbps wireless transmission rate
- Provides two methods of operation: Infrastructure and AD-Hoc.
- Adopts CCA technology which automatically avoids

channel conflicts using its channel selection feature.

- Wi-Fi protected Security(WPS),set your security at a push of button
- Supports 64/128/152-bit WEP, complies with 128 bit WPA standard(TKIP/AES)
- ✤ supports MIC, IV Expansion, Shared Key

Authentication, IEEE 802.1X

- Simple Configuration and monitoring
- Supports Windows2000,XP 32/64,Vista 32/64,Win7 32/64, Linux, Mac
- Seamlessly compatible with 802.11b/g/n devices
- USB Cabel

# **Product Specification**

Chandend	IEEE802.11N, IEEE802.11G,
Standard	IEEE802.11B
Modulation Type	OFDM/CCK/16-QAM/64-QAM
Standard	IEEE802.11N, IEEE802.11G,
Standard	IEEE802.11B
Interface	USB v2.0
Frequency	2.4~2.4835 GHZ

	11n: Up to 150Mbps
Data Rate	11g: Up to 54Mbps
	11b: Up to 11Mbps
	64/128/152bitWEP,
_	WPA/WPA2
Data Security	WPA-PSK/WPA2-PSK(TKIP/A
Security	ES)
	WPS(wi-fi Protected system)
LED Indicator	ACT (Connect with flashing)
	11g:15±1dbm;11b:18±1d
Wireless RF Power	bm;
	11n:13±1dbm
Work	Ad-Hoc
Mode	Infrastructure
Chipset	Ralink3070
WPS	One-touch button
Antenna	1* detachable antenna

	150M: -68 dBm@10% PER
	130M: -68 dBm@10% PER
	108M: -68 dBm@10% PER
Receiver Sensitivity	54M: -68 dBm@10% PER
Sensitivity	11M: -85 dBm@8% PER
	6M: -88 dBm@10% PER
	1M: -90 dBm@8% PER
	Windows2000, XP32/64,
Operating System	Vista 32/64, Win7 32/64,
System	Linux, Mac
	Operating Temperature:
	0℃~40℃ (32°F~104°F)
	Storage Temperature:
Environ	-40~70℃ (-40°F~158°F)
ment	Relative humidity: 10%~90%
	non-condensing
	Storage Humidity: 5%~95%
	non-condensing

# **FCC Statement**

- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may harmful interference to radio cause communications. However, there is no guarantee that interference will not occur particular installation. in a If this equipment harmful does cause interference
- to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- -Reorient or relocate the receiving antenna.
- -Increase the separation between the equipment and receiver.
- -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- -Consult the dealer or an experienced radio/TV technician for help.
- To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).
- \*

FCC Radiation Exposure Statement
This equipment complies with FCC RF
radiation exposure limits set forth for an
uncontrolled environment. To comply with

RF exposure limits this device must not be co-located or operating in conjunction with any other antenna or transmitter. When using this device in laptop/notebook computers, user must not simultaneously operate wireless products in adjacent USB-ports or cardbus slots.

\*

- This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

# Caution!

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.