



WIRELESS USB ADAPTER Quick Installation Guide

BL-LW05-5R

Introduction

Thank you for purchasing the Wireless-LAN USB Adapter. The Wireless-LAN USB 2.0 Adapter allows you to connect notebook or desktop to any Wireless-LAN networks suitable for in your home or office environment.

Spotlight

1. Exceptional wireless speed up to 150Mbps
2. Wireless security encryption easily at a push of QSS button

Product description

The product is a high-speed USB2.0 WLAN adapter, support 2.4G, with 150Mbps PHY Rate for both transmit and receive. Complies with IEEE802.11n, IEEE802.11g, IEEE802.11b standards. Supports 64/128-bit WEP/WPA/WPA2 encryption methods and 802.1x security authentication standards.

Additionally, this product supports QSS function, which can help you create a wireless connection with effortless security setup, prevent outside intrusion and protect your personal information from being exposed.

Featuring high performance transmission rates, simple installation and adaptability, as well as strong security, this USB WLAN Adapter is a perfect solution for small office and home need.

Product Specifications

Software Specification	
Standards	IEEE802.11n, IEEE802.11g, IEEE802.11b
Wireless Signal Rates With Automatic Fall-back	802.11n: Up to 150Mbps (dynamic) 802.11g: Up to 54Mbps (dynamic) 802.11b: Up to 11Mbps (dynamic)
Frequency Range	2.412MHz~2.462MHz (802.11b/802.11g/802.11n/HE20)
Wireless Transmitter Power	242.2mW~245.2mW (802.11n/HE40)
Receiver Sensitivity (without standard antenna)	10.98dBm (Max output power) 135M: -68dBm @ 10% PER 103M: -68dBm @ 10% PER 54M: -68dBm @ 10% PER 11M: -85dBm @ 8% PER 6M: -88dBm @ 10% PER 1M: -90dBm @ 8% PER
Work Mode	Ad-Hoc
Wireless Security	Infrastructure 64/128 bit WEP, WPA, WPA2, WPA-PSK, WPA2-PSK (TKIP/AES)

Hardware Specification	
Interface	USB2.0 Hi-Speed connector
Certifications	CE, FCC, RoHS
Operating Temperature	40°C~70°C (-40°F~158°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Relative Humidity	10%~90%, non-condensing
Storage Humidity	50%~95%, non-condensing

System Requirements

Notebook or desktop PC with Pentium 1 GHz-compatible or higher Processor
- Windows XP/Vista/Win 7/MAC OS/Linux
- Available Hi-Speed USB 2.0 port

Installation

IMPORTANT: For proper operation, do not connect the Wireless-LAN USB Adapter to your computer before you install the software. If you do, wait for the Found New Hardware screen to display, and click "Cancel", otherwise, the installation process will likely be adversely affected.

Insert the included setup CD in the CD-ROM drive and start the Setup.exe program.

1



Wait for the installer to run. Select Language and click "Next" to continue with the installation.

2



Click "NEXT"

3



The installer will automatically install the program. When done, select "Yes", "I want to restart my computer now" and click "Finish" to reboot your computer after the driver install successfully.

4



Configuration

Once the installation is complete, you can configure the Wireless-LAN USB Adapter to connect to a wireless access point (AP). The wireless configuration utility will start automatically, and you'll also find a tray icon at the lower right corner in your Windows systems tray.

1. Right-click the Wireless tray icon and select "Open Config Utility."



2. The configuration utility will scan for wireless networks within range. Click "Refresh" to refresh the list of available wireless networks. To join a Particular network that displays, select it and click "Add to Profile."



3. If the wireless network use encryption, you need to input the correct encryption key. The configuration utility automatically suggests the correct authentication type (see the drop-down list), and you should not change the suggested value.



4. If the wireless access point is connected successfully, you'll see the following dialogue box.

NOTE: For WPA/WPA2 networks, you need to select the correct encryption type, as well as (AES or TKIP). These settings depend on how the wireless network is set up. Only the owner of the wireless network can provide the required information.

NOTE: For advanced settings and additional features of the Wireless-LAN USB Adapter, please refer to the user manual on the enclosed CD.



This device 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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful 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.