

The logo for LB-LINK, featuring a stylized 'L' icon composed of three horizontal lines of varying lengths, followed by the text 'B-LINK' in a bold, sans-serif font. A registered trademark symbol (®) is located at the top right of the 'K'.

LB-LINK®

Quick Installation Guide

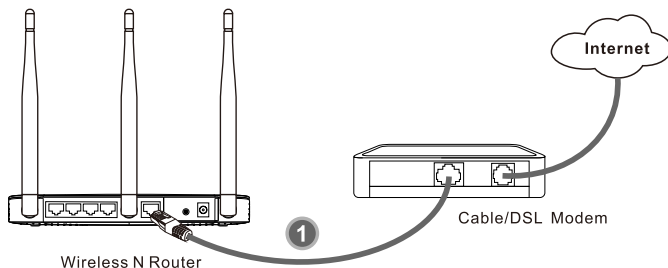
Model:BL-WR3000
300Mbps Wireless N Router

1.Connecting the device

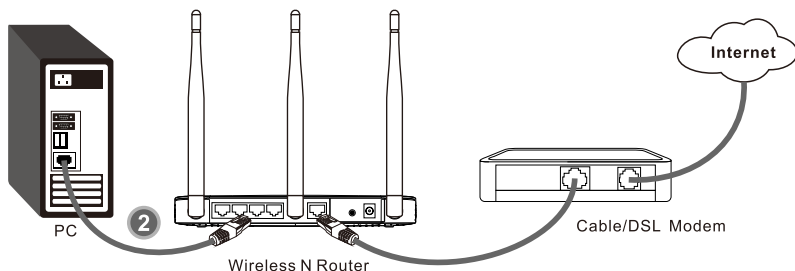


Note: Please use wired network connections only to configure the Router.

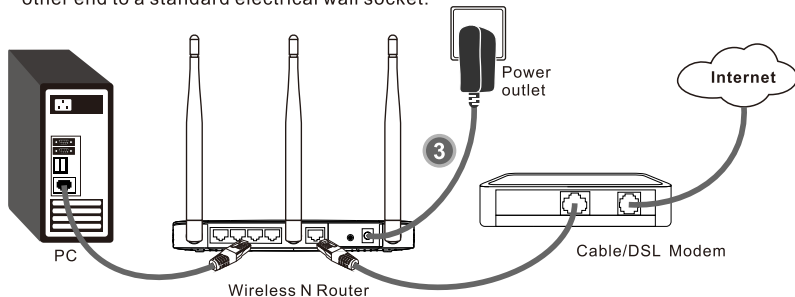
- 1 Connect the WAN port on your Router to the Modem's LAN port with an Ethernet cable. (If there is no Modem, please use the incoming cable directly into the router's WAN port) .



- 2 Connect your computer to the Port labeled 1~4 on the Router with an Ethernet cable.



- 3 Plug the provided power adapter into the power jack on the back of the router and the other end to a standard electrical wall socket.



- 4 Check the router's LED indicator lights display status is the same as described.



→ Power: Solid light



→ SYS: Flashing



→ WPS: Flashing



→ WLAN: Flashing



→ WAN: Flashing or solid light



→ LAN: Flashing or solid light if the corresponding port is connected



Note: If the LED indicator light display abnormal, please check whether the connection is correct.

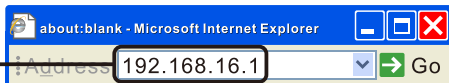
2. Configuring the device



Note: First of all, please configure your computer's IP address to automatically obtain, if not clear, please refer to FAQ3.

1 Login

Open your web browser, input **192.168.16.1** in the address field and press **Enter**.



A dialog box will prompt you for the User name and Password. Enter the default values and click **OK**.

User name: **admin**
Password: **admin**



Click **OK**

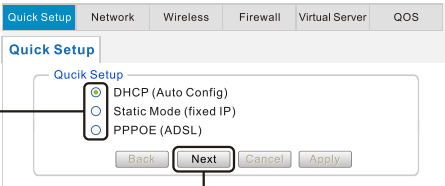
The web management page will display after a successful login

Click **Quick Setup**



2 Internet Parameters Configuration

This page will then display



The screenshot shows the 'Quick Setup' page with a navigation bar at the top containing 'Quick Setup', 'Network', 'Wireless', 'Firewall', 'Virtual Server', and 'QOS'. The 'Quick Setup' section has a sub-header 'Quick Setup' and three radio button options: 'DHCP (Auto Config)' (selected), 'Static Mode (fixed IP)', and 'PPPOE (ADSL)'. Below the options are four buttons: 'Back', 'Next', 'Cancel', and 'Apply'. A callout box on the left points to the radio buttons with the text 'Select a connection type'. Another callout box on the right points to the 'Next' button with the text 'Click Next'.

Note:

1. Make sure the cable is securely plugged into the WAN port before detection.
2. If the connection type your ISP provided is PPTP, L2TP, you must go to "Network-WAN" to configure your connection type manually.

How to select a connection type?

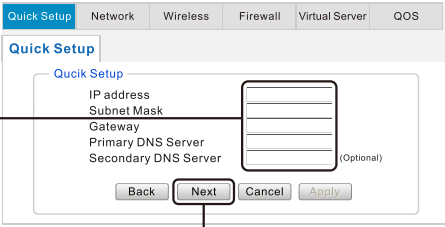
The Internet parameters provided by ISP when users apply for Internet access	Connection type
No parameters, don't use any router and don't do any setting	Dynamic
A static IP address, subnet mask, gateway and DNS server Static IP address	Static Mode
User name and password	PPPoE

A Configuration for Dynamic

When you choose the Dynamic IP no change required. Click "Next" to go on the next setting.

B Configuration for Static Mode

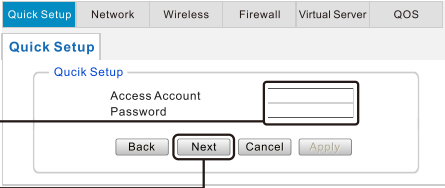
This page will then display



The screenshot shows the 'Quick Setup' page for Static Mode. The navigation bar is the same as in the previous screenshot. The 'Quick Setup' section has a sub-header 'Quick Setup' and a list of fields: 'IP address', 'Subnet Mask', 'Gateway', 'Primary DNS Server', and 'Secondary DNS Server'. To the right of these fields is a form with five input lines. Below the fields are four buttons: 'Back', 'Next', 'Cancel', and 'Apply'. A callout box on the left points to the input fields with the text 'Enter the IP address, subnet Mask, Gateway, DNS provided by your ISP Manually.'. A callout box on the right points to the 'Next' button with the text 'Click Next'.

C Configuration for PPPOE

This page will then display



The screenshot shows the 'Quick Setup' page for PPPOE. The navigation bar is the same as in the previous screenshots. The 'Quick Setup' section has a sub-header 'Quick Setup' and two fields: 'Access Account' and 'Password'. To the right of these fields is a form with two input lines. Below the fields are four buttons: 'Back', 'Next', 'Cancel', and 'Apply'. A callout box on the left points to the input fields with the text 'Enter the Access Account and Password provided by your ISP.'. A callout box on the right points to the 'Next' button with the text 'Click Next'.

3 Wireless Settings Configuration

This page will then display

Create a unique and easy-to-remember name for your wireless network. You can also keep default settings without the device being affected.

Select Security and WPA Algorithms, Suggest to choose “AES”.

Set up a wireless Key, the length is more than 8 characters.

Click **Apply**

The screenshot shows the 'Quick Setup' page for wireless configuration. At the top, there are tabs for 'Quick Setup', 'Network', 'Wireless', 'Firewall', 'Virtual Server', and 'QOS'. The 'Quick Setup' tab is active. Below the tabs, the 'Quick Setup' section contains the following fields and options:

- Network name(SSID):** A text input field containing 'B-LINK_90E09F'.
- Security:** A dropdown menu showing 'WPA2-PSK'.
- WPA Algorithms:** Radio buttons for 'AES' (selected) and 'TKIP&AES'.
- Key:** An empty text input field.

At the bottom of the form are four buttons: 'Back', 'Next', 'Cancel', and 'Apply'. The 'Apply' button is highlighted with a callout box from the instruction 'Click Apply'.



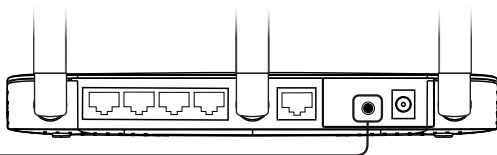
Note: The basic setting for your Router is completed. You will be able to access to the Internet, if not, please refer to the **troubleshooting**

3. Troubleshooting

FAQ1: What should I do if I forget the user name and password?

(How to restore the router's configuration to its factory default settings.)

Answer: If you forget the user name and password, the only way to solve this problem is to reset the router. Press and hold the RESET button on the rear panel for 5 to 8 seconds before releasing it.



Hold for **5 to 8** seconds

FAQ2: What can I do if I cannot access the Internet?

1. Check to see if all the connectors are connected well, including the telephone line (for your modem), Ethernet cables and power adapter.

2. Disconnect the Router and directly connect your computer to the Modem and try to access the Internet. If you still cannot access to the Internet, please contact your ISP or the Modem's manufacturer; otherwise, please reconnect the physical connection between your Modem, Router and the computer, then continue to follow the next step.

3. Make sure that you are connected to the Router with the computer that was originally connected to your modem, then login to the web-based management page and browse to "Network > MAC Clone", click "Clone MAC" and then click "Apply". Reboot the Router and try to access the Internet from your computer, if the problem still, please go to the next step.



FAQ3: How to configure the IP address of the computer?

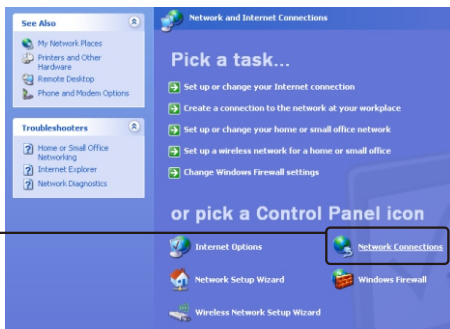
For Windows XP OS

Go to **Start > Control Panel**, you will then see the following page.

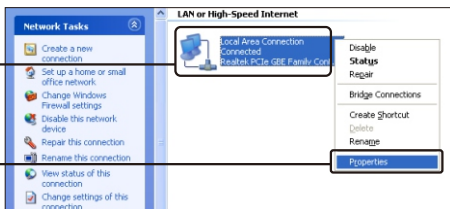
Click **Network and Internet Connections**



For Windows XP OS

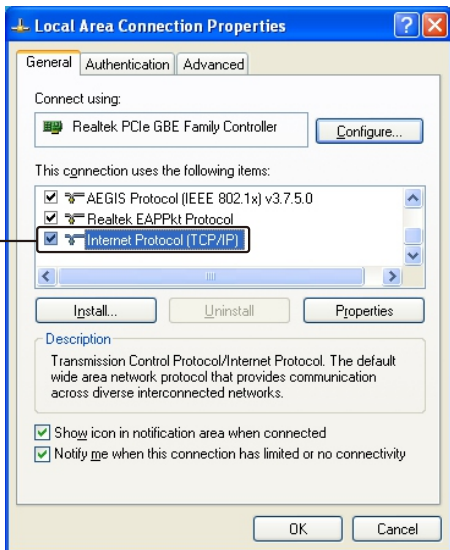


Click Network Connections



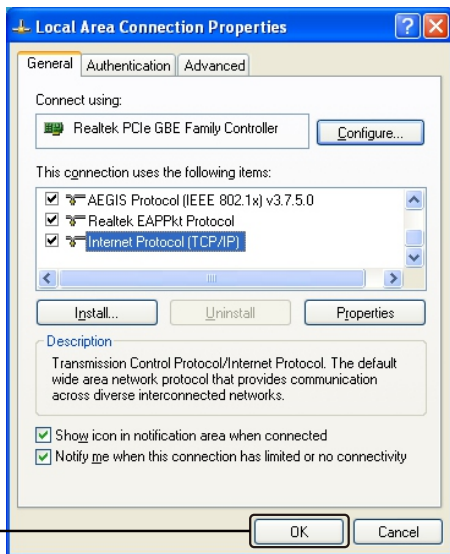
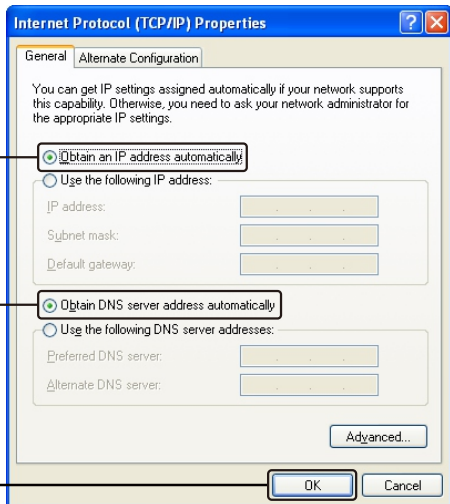
Right-click Local Area Connection

Click Properties



Double-click Internet Protocol (TCP/IP)

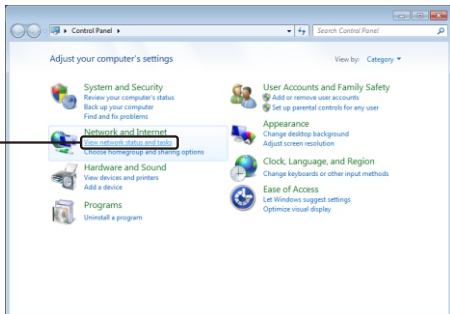
For Windows XP OS



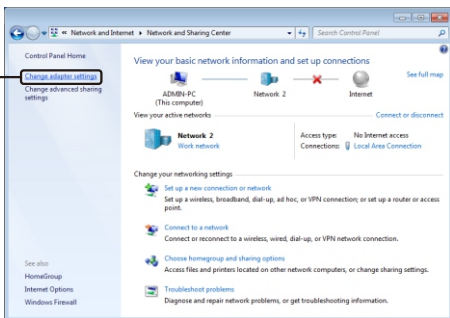
For Windows 7 OS

Go to **Start > Control Panel**, you will then see the following page.

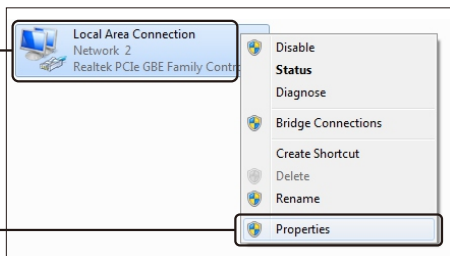
Click **View network status and tasks**



Click **Change adapter settings**

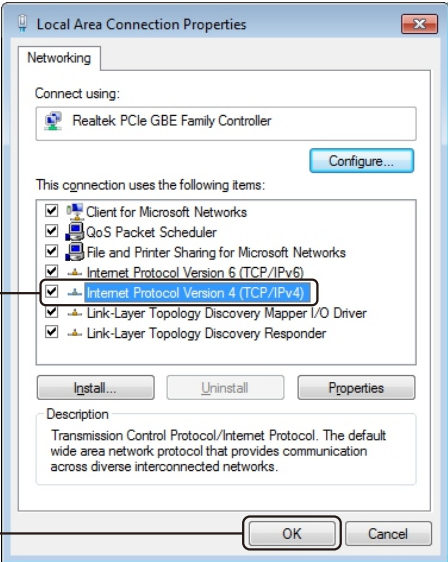


Right-click **Local Area Connection**



Click **Properties**

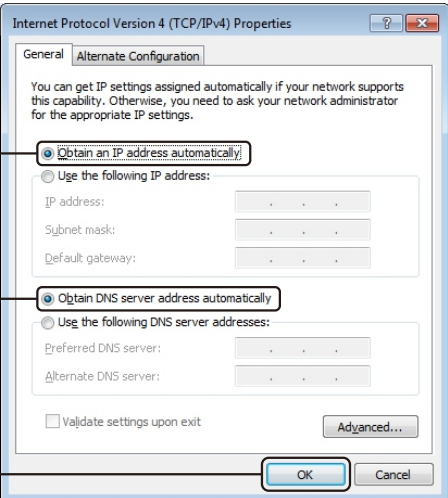
For Windows 7 OS



The screenshot shows the 'Local Area Connection Properties' dialog box. The 'Networking' tab is active. Under 'Connect using:', 'Realtek PCIe GBE Family Controller' is selected. Below, a list of items is shown with checkboxes. 'Internet Protocol Version 4 (TCP/IPv4)' is checked and highlighted with a blue selection box. Other items include 'Client for Microsoft Networks', 'QoS Packet Scheduler', 'File and Printer Sharing for Microsoft Networks', 'Internet Protocol Version 6 (TCP/IPv6)', 'Link-Layer Topology Discovery Mapper I/O Driver', and 'Link-Layer Topology Discovery Responder'. Buttons for 'Install...', 'Uninstall', and 'Properties' are visible. At the bottom, 'OK' and 'Cancel' buttons are present.

Double-click **Internet Protocol Version 4 (TCP/IPv4)**

Click **OK**

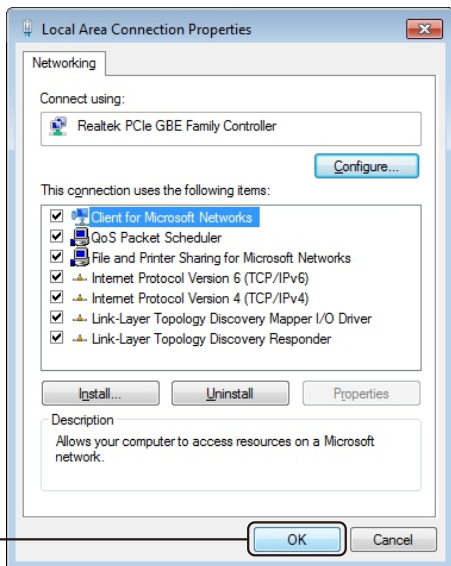


The screenshot shows the 'Internet Protocol Version 4 (TCP/IPv4) Properties' dialog box. The 'General' tab is active. The text explains that IP settings can be assigned automatically. Two radio buttons are present: 'Obtain an IP address automatically' (selected and highlighted with a blue selection box) and 'Use the following IP address:'. Below these are input fields for 'IP address:', 'Subnet mask:', and 'Default gateway:'. Another set of radio buttons is present: 'Obtain DNS server address automatically' (selected and highlighted with a blue selection box) and 'Use the following DNS server addresses:'. Below these are input fields for 'Preferred DNS server:' and 'Alternate DNS server:'. A checkbox for 'Validate settings upon exit' and an 'Advanced...' button are also visible. At the bottom, 'OK' and 'Cancel' buttons are present.

Select **Obtain an IP address automatically**

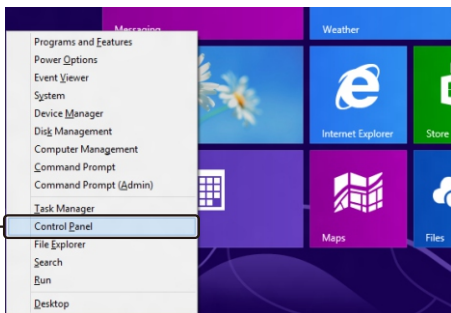
Select **Obtain DNS server address automatically**

Click **OK**

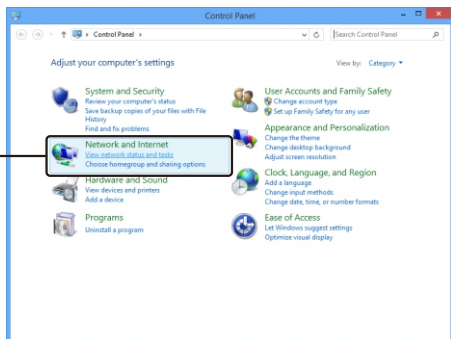


For Windows 8 OS

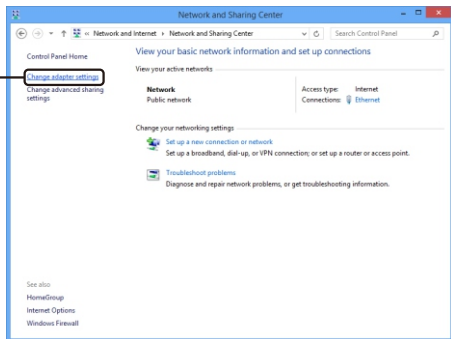
Press the Keyboard WIN() + X to pop up the menu on the Win8 Desktop, then **select Control Panel**



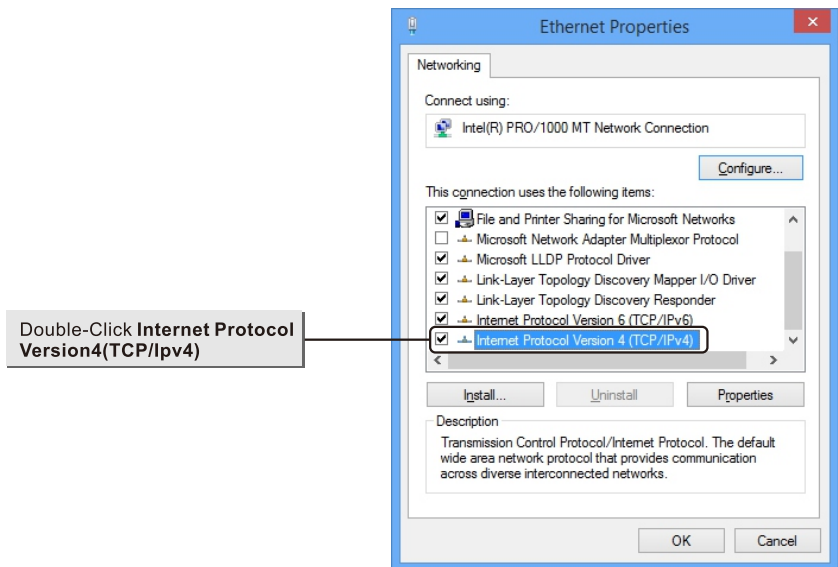
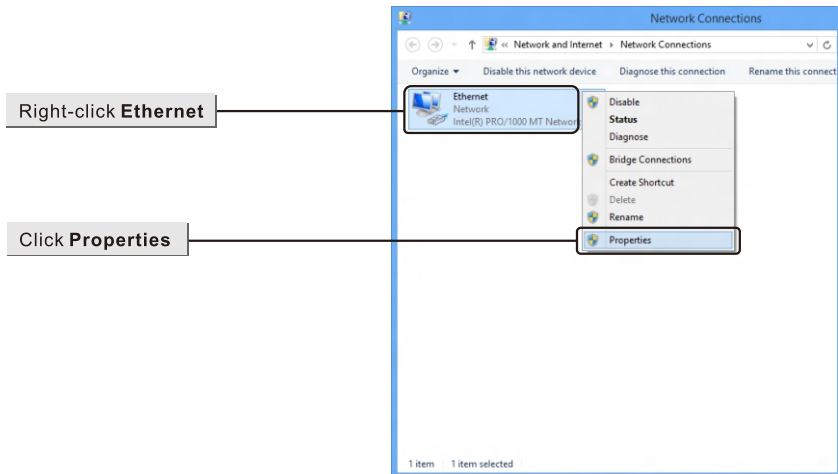
Click **View network status and tasks**



Click **Change adapter settings**



For Windows 8 OS



For Windows 8 OS

The screenshot shows the 'Internet Protocol Version 4 (TCP/IPv4) Properties' dialog box. It has two tabs: 'General' and 'Alternate Configuration'. The 'General' tab is active. The text reads: 'You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.' There are two radio button options: 'Obtain an IP address automatically' (selected) and 'Use the following IP address:'. Below the second option are input fields for 'IP address:', 'Subnet mask:', and 'Default gateway:'. There are two more radio button options: 'Obtain DNS server address automatically' (selected) and 'Use the following DNS server addresses:'. Below the second option are input fields for 'Preferred DNS server:' and 'Alternate DNS server:'. At the bottom, there is a checkbox for 'Validate settings upon exit' and an 'Advanced...' button. At the very bottom are 'OK' and 'Cancel' buttons. Three callout boxes point to these elements: 'Select Obtain an IP address automatically' points to the first radio button, 'Select Obtain DNS server address automatically' points to the second radio button, and 'Click OK' points to the 'OK' button.

Select Obtain an IP address automatically

Select Obtain DNS server address automatically

Click OK

The screenshot shows the 'Ethernet Properties' dialog box. It has a 'Networking' tab. Under 'Connect using:', there is a list box containing 'Intel(R) PRO/1000 MT Network Connection' and a 'Configure...' button. Below this, it says 'This connection uses the following items:'. There is a list box with several items, each with a checkbox: 'Client for Microsoft Networks' (checked), 'QoS Packet Scheduler' (checked), 'File and Printer Sharing for Microsoft Networks' (checked), 'Microsoft Network Adapter Multiplexor Protocol' (unchecked), 'Microsoft LLD Protocol Driver' (checked), 'Link-Layer Topology Discovery Mapper I/O Driver' (checked), and 'Link-Layer Topology Discovery Responder' (checked). Below the list box are 'Install...', 'Uninstall', and 'Properties' buttons. At the bottom, there is a 'Description' section with the text: 'Allows your computer to access resources on a Microsoft network.' At the very bottom are 'OK' and 'Cancel' buttons. A callout box 'Click OK' points to the 'OK' button.

Click OK

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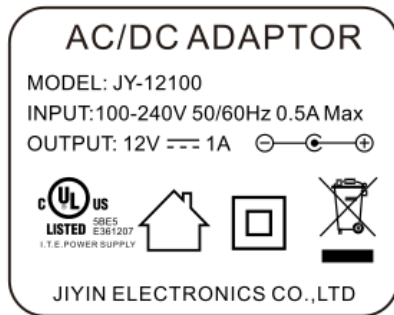
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<http://www.lb-link.cn>

Ver 2.0

45 mm

72 mm



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.

RF warning:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Any 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.