Quick Installation Guide of MWGAR/MWGARB

※ **To avoid users without access right through your WLAN Broadband Router, suggest that use security mechanism like WEP, WPA or set ID/password for web configuration login IP address 192.168.1.254.**

Preparation

1 At lease one PC with IEEE802.11b/g WLAN client installed.

2 One straight-through Category 5 Ethernet cable, used to link WAN interface to xDSL or CM for Internet connection.

3 WLAN Broadband Router.

Check package contents:

- ✓ WLAN Broadband Router
- ✓ DC 7.5V Power Adapter
- ✓ User's manual CD-ROM
- ✓ 1.8M RJ-45 Cable Line (Option)

Collect Installation Information:

WAN configuration (Contact your ISP or network administrator for these information)

○ *DHCP Client*

○ *Static IP*

IP Address	☐☐☐ . ☐☐☐ . ☐☐☐ . ☐☐☐
Subnet Mask	☐☐☐ . ☐☐☐ . ☐☐☐ . ☐☐☐
Default Gateway	☐☐☐ . ☐☐☐ . ☐☐☐ . ☐☐☐
DNS Address	☐☐☐ . ☐☐☐ . ☐☐☐ . ☐☐☐

○ *PPPoE*

User Name	
Password	

○ *PPTP*

IP Address	☐☐☐ . ☐☐☐ . ☐☐☐ . ☐☐☐
Subnet Mask	☐☐☐ . ☐☐☐ . ☐☐☐ . ☐☐☐
Server IP Address	☐☐☐ . ☐☐☐ . ☐☐☐ . ☐☐☐
User Name	
Password	

LAN configuration

IP Address	□□□ . □□□ . □□□ . □□□
Subnet Mask	□□□ . □□□ . □□□ . □□□

WLAN configuration

SSID	
Mode	
Channel Number	

Parts and Functions of WLAN Broadband Router:

Panel Description (MWGARB)
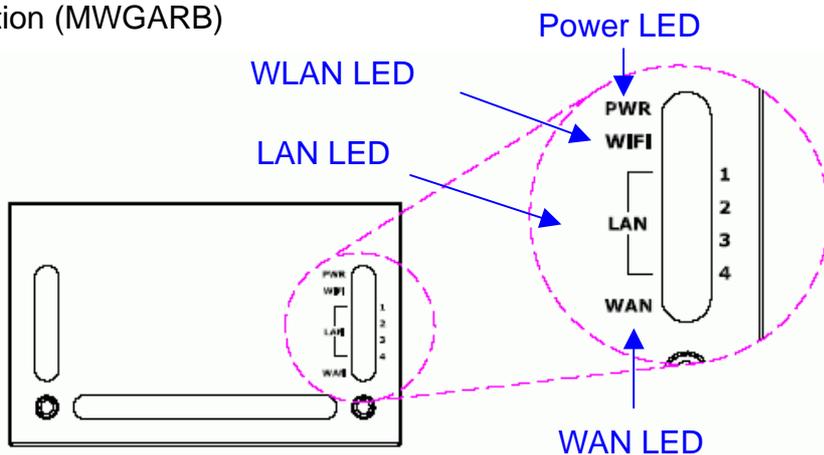
LED Indicator	State	Description
1. Power LED	On	The WLAN Broadband Router is powered on.
	Off	The WLAN Broadband Router is powered off.
2. WLAN LED	Flashing	Data is transmitting or receiving on the antenna.
	Off	No data is transmitting or receiving on the antenna.
3. LAN LED ACT	Flashing	Data is transmitting or receiving on the LAN interface.

	On	Port linked.
	Off	No link.
4. WAN LED ACT	Flashing	. Data is transmitting or receiving on the WAN interface
	On	Port linked.
	Off	No link.
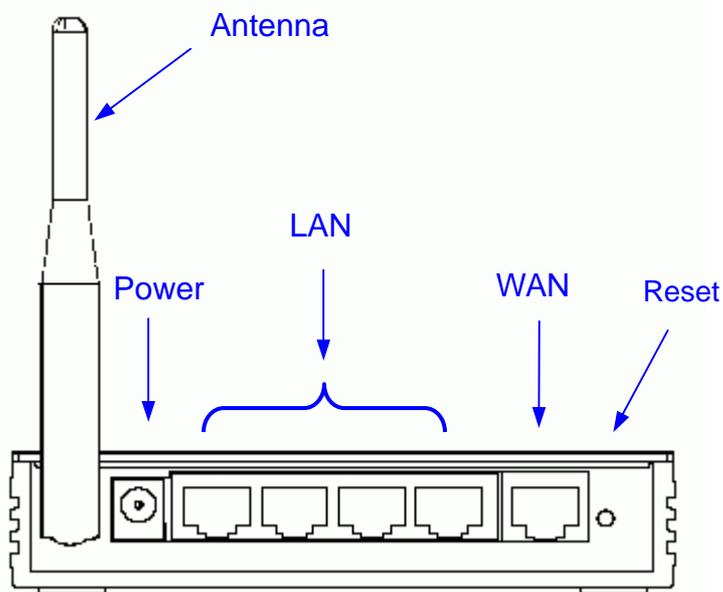
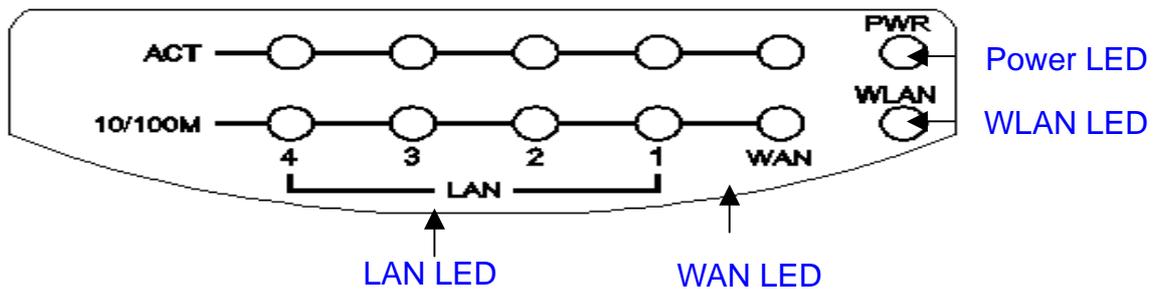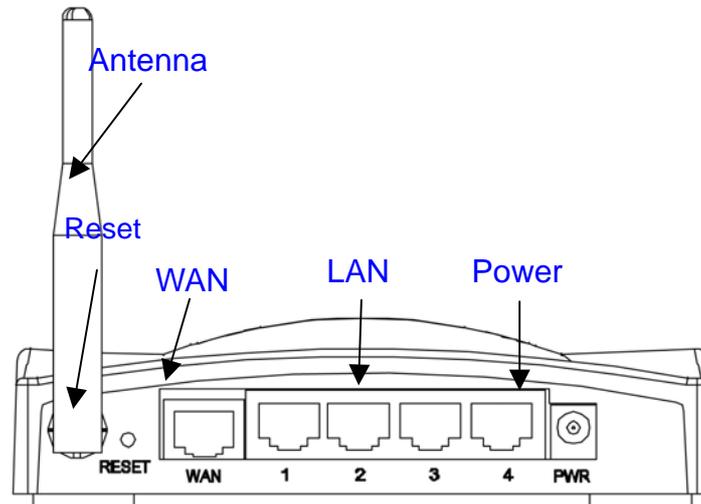| Interfaces	Description
1. Antenna	The Wireless LAN Antenna.
2. Power	The power jack allows an external DC +7.5 V power supply connection. The external AC to DC adaptor provide adaptive power requirement to the WLAN Broadband Router.
3. LAN	The RJ-45 sockets allow LAN connection through Category 5 cables. Support auto-sensing on 10/100M speed and half/ full duplex; comply with IEEE 802.3/ 802.3u respectively.
4. WAN	The RJ-45 socket allows WAN connection through a Category 5 cable. Support auto-sensing on 10/100M speed and half/ full duplex; comply with IEEE 802.3/

	802.3u respectively.
5. reset	Push continually the reset button 5 ~ 10 seconds to reset the configuration parameters to factory defaults.

Panel Description (MWGAR)

LED Indicator	State	Description
1. Power LED	On	The WLAN Broadband Router is powered on.
	Off	The WLAN Broadband Router is powered off.
2. WLAN LED	Flashing	Data is transmitting or receiving on the antenna.
	Off	No data is transmitting or receiving on the antenna.
3. WAN LED ACT	Flashing	Data is transmitting or receiving on the WAN interface.
	Off	No data is transmitting or receiving on the WAN interface.
10/100M	On	Connection speed is 100Mbps on WAN interface.
	Off	Connection speed is 10Mbps on WAN interface.
4. LAN LED ACT	Flashing	Data is transmitting or receiving on the LAN interface.
	Off	No data is transmitting or receiving on the LAN interface.
10/100M	On	Connection speed is 100Mbps on LAN interface.
	Off	Connection speed is 10Mbps on LAN interface.

Interfaces	Description
1. Antenna	The Wireless LAN Antenna.
2. Reset	Push continually the reset button 5 ~ 10 seconds to reset the configuration parameters to factory defaults.
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5. Power	The power jack allows an external DC +7.5 V power supply connection. The external AC to DC adaptor provide adaptive power requirement to the WLAN Broadband Router.

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Installation

Step One – Power On WLAN Broadband Router

Connect DC 7.5V Power Adapter to WLAN Broadband Router and the wall power socket.

Notice: It will take about 55 seconds to complete the boot up sequence after powered on the WLAN Broadband Router; Power LED will be active, and after that the WLAN Activity LED will be flashing to show the WLAN interface is enabled and working now.

Step Two – Configure WLAN Broadband Router

1. Connect your PC to LAN port for configuration setting

   WLAN Broadband Router is delivered with the following factory default parameters on the Ethernet LAN interfaces.

   ■ Default IP Address**: *192.168.1.254***

   ■ Default IP subnet mask**: *255.255.255.0***

   ■ WEB login User Name**: *<empty>***

   ■ WEB login Password**: *<empty>***

   ■ Configure your PC with IP address between 192.168.1.1 to 192.168.1.253 and subnet mask to be 255.255.255.0, then open an Internet browser (i.e. Microsoft IE6.1 SP1 or above) to connect WLAN Broadband Router by entering http://192.168.1.254 to URL field.
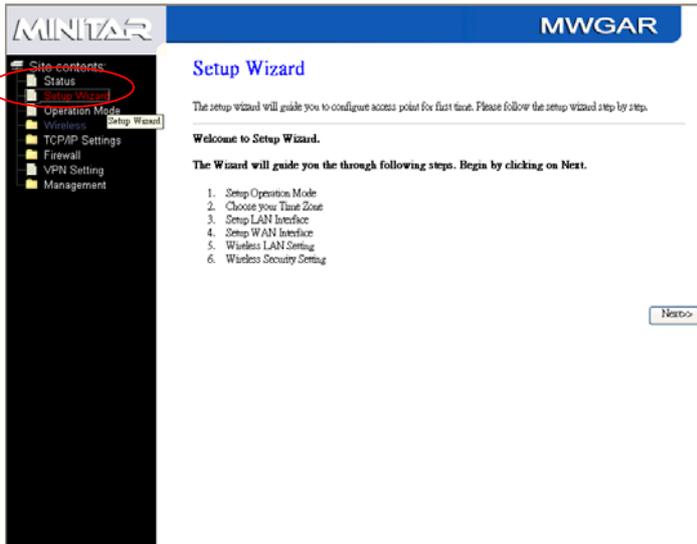

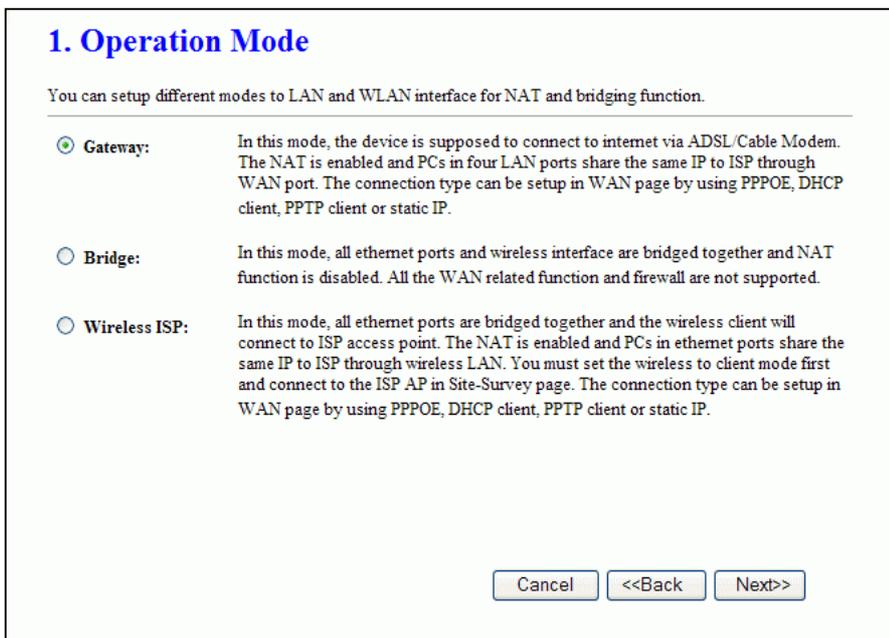*MWGAR/MWGARB User Manual Copyright © 2006 Minitar Corporation*

The following example is to configure router as "Gateway" mode that use factory default value. You may change those values if you think that is necessary.

2. Click "Setup Wizard" in submenu of Site contents

■ Click "Next>>" button to go next.

3. Configure Operation Mode

■ Click "Gateway".
■ Click "Next>>" button to go next.

4. Configure Time Zone Setting configuration

2. Time Zone Setting

You can maintain the system time by synchronizing with a public time server over the Internet.

☐ **Enable NTP client update**

Time Zone Select : (GMT+08:00)Taipei

NTP server : 192.5.41.41 - North America

[Cancel] [<<Back] [Next>>]

■ Click "Next>>" button to go next.

5. Configure LAN Interface Setup

3. LAN Interface Setup

This page is used to configure the parameters for local area network which connects to the LAN port of your Access Point. Here you may change the setting for IP addresss, subnet mask, DHCP, etc..

IP Address: 192.168.1.254

Subnet Mask: 255.255.255.0

[Cancel] [<<Back] [Next>>]

■ IP Address: 192.168.1.254.
■ Subnet Mask: 255.255.255.0.
■ Click "Next>>" button to go next.

6. WAN Interface Setup

4. WAN Interface Setup

This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, DHCP, PPPoE or PPTP by click the item value of WAN Access type.

WAN Access Type: DHCP Client

[Cancel] [<<Back] [Next>>]

■ WAN Access Type: Select WAN connection of ISP provides.
✧ WAN Options: Static IP, PPPoE, PPTP

■ Click "Next>>" button to go next.

7. Wireless Basic Settings

- Band: 2.4GHz(G)
- Mode: AP
- Network Type: disabled
- SSID: MyWLAN
- Channel: 11
- Enable Mac Clone: disabled
- Click "Next>>" button to go next.

8. Wireless Security Setup

- Encryption: None
- ✧ Options: WEP, WPA (TKIP), WPA2 (AES), WPA2 Mixed
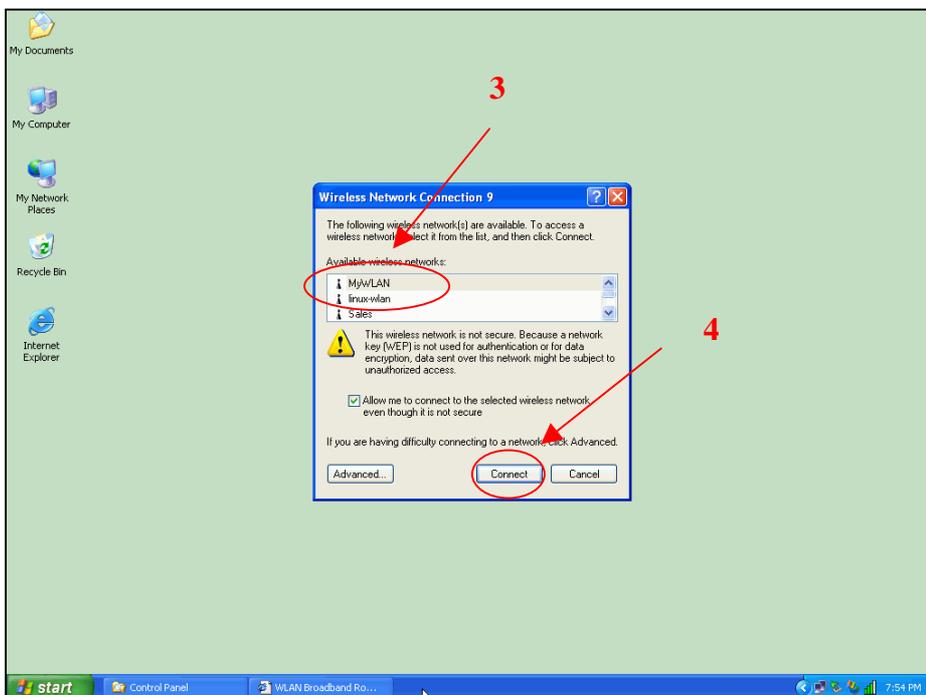- Click "Finished" button to close setup session.

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Step Three – Connect WLAN client to WLAN Broadband Router wirelessly
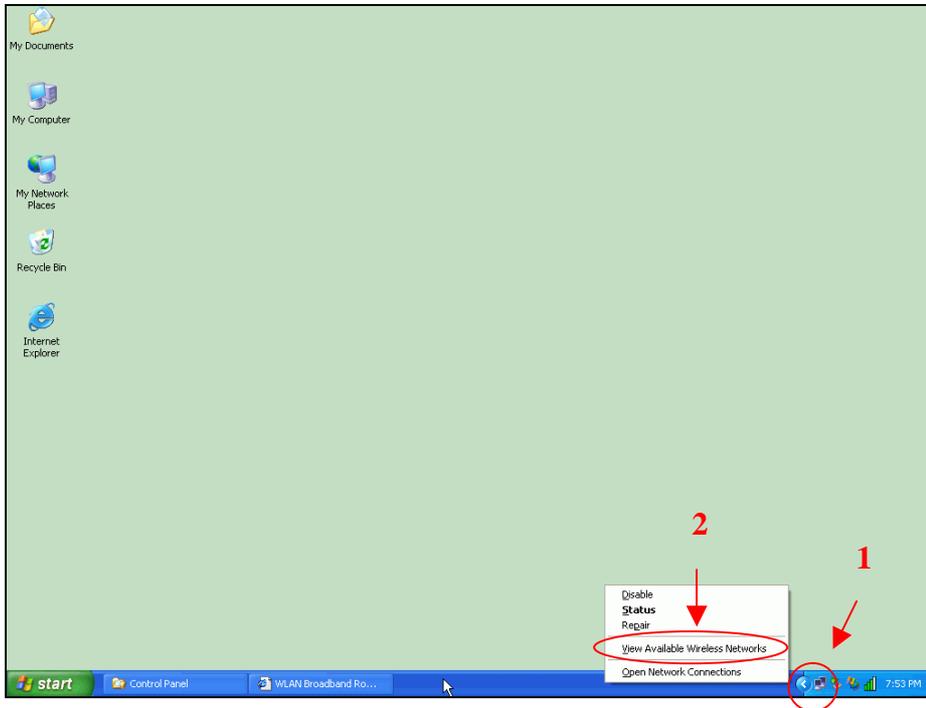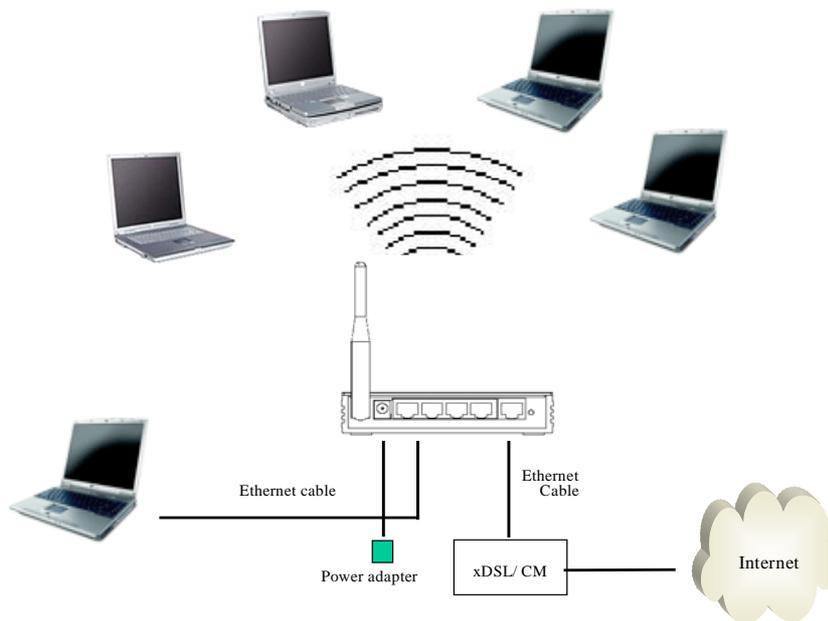
On your wireless client PC:

1. Move your mouse to the Network icon on the Task bar and right click the mouse button to bring up the pop-up menu.

2. Click the View Available Wireless Networks on the pop-up menu.

3. Select the specific WLAN network (SSID) from the Available Networks list.

4. Click the Connect button to establish the communication link to the wireless network

The wireless network diagram of WLAN Broadband Router..

Reference

Please consult the user's manual of WLAN Broadband Router for detailed and complete operation guide.

One Year Limited Warranty

- This device is guaranteed against manufacturing defects for one full year from the original date of purchase.
- This warranty is valid at the time of purchase and is non-transferable.
- This warranty must be presented to the service facility before any repair can be made.
- Sales slip or other authentic evidence is required to validate warranty.
- Damage caused by accident, misuse, abuse, improper storage, and/or uncertified repairs is not covered by this warranty.
- All mail or transportation costs including insurance are at the expense of the owner.
- Do not send any product to service center for warranty without a RMA (Return Merchandise Authorization) and proof of purchase. Ensure a trackable method of delivery is used (keep tracking number).
- Warranty is valid only in the country of purchase.
- We assume no liability that may result directly or indirectly from the use or misuse of these products.

IMPORTANT

"This warranty will be voided if the device is tampered with, improperly serviced, or the security seals are broken or removed"