Preparation

- 1 At lease one PC with IEEE802.11b WLAN client installed.
- 2 One straight-through Category 5 Ethernet cable, used to link WAN interface to xDSL or CM for Internet connection.
- 3 Acer WLAN 11b Broadband Router. Check package contents:
 - ✓ Acer WLAN 11b Broadband Router
 - ✓ DC 9V Power Adapter
 - ✓ User's manual CD-ROM

Collect Installation Information:

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

- Attain IP Automatically (DHCP)
- C Fixed IP

| 1 4004 11 | |
|-----------------|--|
| IP Address | |
| Subnet Mask | |
| Default Gateway | |
| DNS Address | |

C PPPoE

| User Name | |
|-----------|--|
| Password | |

LAN configuration

| IP Address | |
|-------------------|--|
| Subnet Mask | |
| Default Gateway | |
| DHCP Client Range | |

WLAN configuration

| SSID | |
|----------------|--|
| Channel Number | |

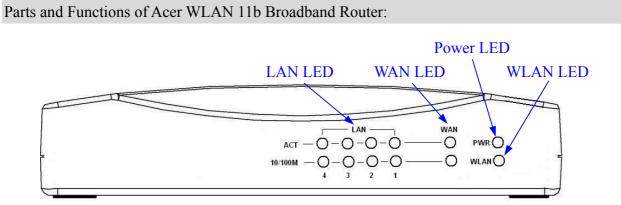


Figure 1 – Acer WLAN 11b Broadband Router Front Panel

| LED Indicator | State | Description | | | | |
|----------------------|----------|--|--|--|--|--|
| 1. Power LED | On | Acer WLAN Broadband Router is powered on. | | | | |
| | Off | Acer WLAN Broadband Router is powered off. | | | | |
| 2. WLAN Activity LED | Flashing | Data is transmitting or receiving on the antenna. | | | | |
| | Off | No data is transmitting or receiving on the antenna. | | | | |
| 3. WAN ACT LED | Flashing | Data is transmitting or receiving on the WAN interface. | | | | |
| | Off | No data is transmitting or receiving on the WAN interface. | | | | |
| 4. WAN 10/100M LED | On | Connection speed is 100Mbps on WAN interface. | | | | |
| | Off | Connection speed is 10Mbps on WAN interface. | | | | |
| 5. LAN ACT LED | Flashing | Data is transmitting or receiving on the LAN interface. | | | | |
| | Off | No data is transmitting or receiving on the LAN interface. | | | | |
| 6. LAN 10/100M LED | On | Connection speed is 100Mbps on LAN interface. | | | | |
| | Off | Connection speed is 10Mbps on LAN interface. | | | | |

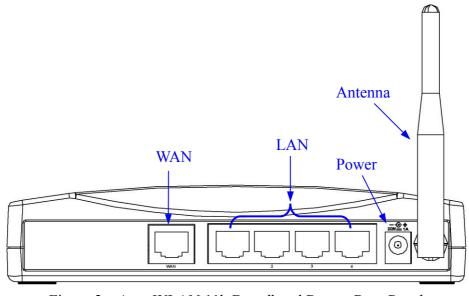


Figure 2 – Acer WLAN 11b Broadband Router Rear Panel

| Interfaces | Description | | | | | |
|------------|---|--|--|--|--|--|
| 1. 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. | | | | | |
| 2. 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. | | | | | |
| 3. Power | The power jack allows an external DC +9 V power supply | | | | | |
| | connection. | | | | | |
| | The external AC to DC adaptor provide adaptive power | | | | | |
| | requirement to the WLAN Broadband Router. | | | | | |
| 4. Antenna | The Wireless LAN Antenna. | | | | | |

Installation

Step One – Power On Acer WLAN 11b Broadband Router

Connect DC 9V Power Adapter to Acer WLAN 11b Broadband Router and the wall power jack.

Notice: It will take about 25 seconds to complete the boot up sequence after powered on the Acer WLAN 11b Broadband Router; all LEDs are blank while booting except the Power LED, and after that the WLAN Activity LED will be flashing to show the WLAN interface is enabled and working now.

Step Two - Configure Acer WLAN 11b Broadband Router

1. Connect your PC to LAN port for configuration setting

Acer WLAN 11b 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 IE) to connect Acer WLAN 11b Broadband Router by entering <u>http://192.168.1.254</u> to URL field.

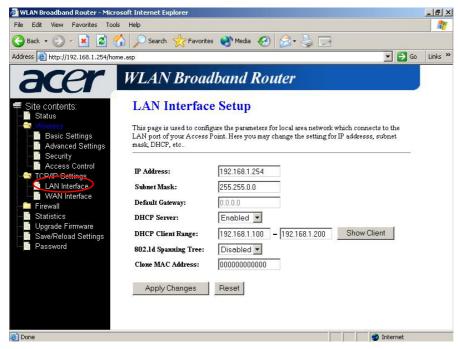
2. Configure WAN port configuration

| dit View Favorites Tools Help | | | | | | | |
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| | AN Brod | adband Ro | outer | | | | |
| te contents: WA | N Interf | ace Setup | | | | | |
| Status Wireless | and in search to an | nfirmus the necessaries | s for Internet network wh | ich composta to the 137A b | Inortof | | |
| 📲 Basic Settings 👘 your A | | | s for Internet network wh e setting for IP addresss, | | a hour ot | | |
| Advanced Settings | | | | | | | |
| Access Control | © Attain IP Automatically (DHCP) | | | | | | |
| TCP/IP Settings | ixed IP | | | | | | |
| VVAN Interface | Address: | 172.1.1.1 | | | | | |
| | bnet Mask: | 255.255.0.0 | | | | | |
| | | | | | | | |
| Statistics Upgrade Firmware | fault Gateway: | 172.1.1.254 | | | | | |
| Upgrade Firmware De Save/Reload Settings C P | fault Gateway: PPoE | 172.1.1.254 | | | | | |
| Upgrade Firmware De Save/Reload Settings C P Password | | 172.1.1.254 | | | | | |
| Upgrade Firmware De Save/Reload Settings C P Password Us | PPoE | 172.1.1.254 | | | | | |
| Upgrade Firmware De Save/Reload Settings C p Password Us Pa | PPoE er Name: | 172.1.1.254 | Connect | Disconnect | | | |
| Upgrade Firmware De Sawe/Reload Settings Password Us Pa | PPoE er Name: ssword: | | Connect (1-1000 minutes) | Disconnect | | | |

Configure the WAN interface by the information collected in the Preparation section.

The default setting: Attain IP Automatically (DHCP), means the WAN will get IP address from your ISP or your network DHCP server.

3. Configure LAN port configuration



Configure the LAN interface by the information collected in the Preparation section.

The default setting: IP address is 192.168.1.254, subnet mask is 255.255.255.0, DHCP server enabled with DHCP client range from 192.168.1.100 to 192.168.1.200.

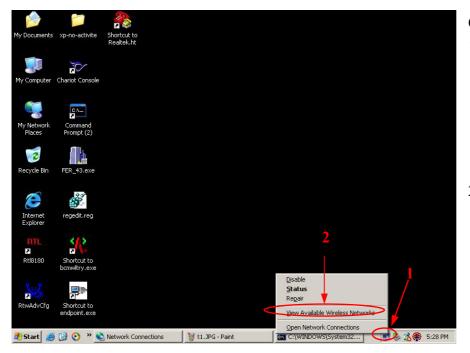
4. Configure WLAN port configuration

| WLAN Broadband Router - Micr | osoft Internet Explorer | | X |
|--|-------------------------|---|----------------|
| File Edit View Favorites Tool | s Help | | 1 |
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| ddress 餐 http://192.168.1.254/hor | ne.asp | | 🔁 Go 🛛 Links 🎽 |
| acer | WLAN Bro | adband Router | |
| Site contents: | Wireless Ba | sic Settings | |
| Basic Settings Advanced Settings Security | | onfigure the parameters for wireless LAN clients which may connec re you may change wireless encryption settings as well as wireless | |
| Access Control | Alias Name: | Acer WLAN 11b Broadband | |
| LAN Interface | Disable Wireles | s LAN Interface | |
| - Firewall | SSID: | Acer | |
| - 📑 Statistics - 📑 Upgrade Firmware | Channel Number: | 11 🔽 | |
| Save/Reload Settings Password | Associated Clients: | Show Active Clients | |
| | Apply Changes | Reset | |
| | | | |
| | | | |
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| | | | |
| | | | |
| | | 📄 📄 👘 Inter | net |

Configure the WLAN interface by the information collected in the Preparation section.

The default setting: SSID is Acer, Channel number is 11.

Step Three - Connect WLAN client to Acer WLAN 11b Broadband Router wirelessly

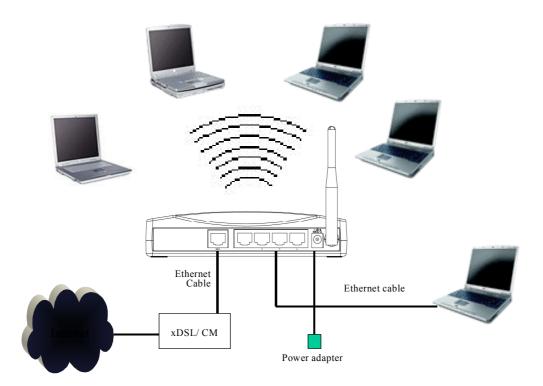


On your wireless client PC:

- Move your mouse to the Network icon on the Task bar and right click the mouse button to bring up the pop-up menu.
- Click the View Available Wireless Networks on the pop-up menu.

| 1 | | \$ 2 | | | | | | | | |
|----------------------|---------------------------|-------------------------------------|---|----------------------------------|----------------|------------------|---------------------------|------------|---|------------|
| My Documents | EPR3 | Shortcut to bcmwltry.exe | | | | | | | | |
| | 2 | | | • | | | | | | |
| My Computer | router | Shortcut to endpoint.ex <u>e</u> | | | | | | | | |
| My Network Places | p-no-activite | Shortcut to | onnect to W The following it from the list Available net | network(s) are and then click | available. To | access a netwo | ? ≍ ırk, select | | | |
| www. Recycle Bin | Chariot Console | | Acer 3 Sales DOAIC | > | | | • | | | |
| Internet Explorer | C:_ Command Prompt | | this network, t Network key: | ype the key, a | ind then click | | | 4 | | |
| RTL Rtl8180 | FER_43.exe | 5 | Advanced | ng aimcuity co | | network, click A | ancel | | | |
| regedit.reg | | | | | | | | | | |
| 🎢 Start | 🕑 📀 » 🖻 | Connect to Wi | ireless Net | Commar | nd Prompt | Car | not find serv | ver - Micr | ø | \$ 8:07 PM |

- Select the specific WLAN network (SSID) from the Available Networks list.
- Click the Connect button to establish the communication link to the wireless network.



The wireless network diagram of Acer WLAN 11b Broadband Router

Reference

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