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

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

Description					
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.					
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.					
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.					
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

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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

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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.

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- 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.